# ORIGINAL

BellSouth Telecommunications, Inc.
Florida Public Service Commission
Docket No.: 960833-TP
Caldwell/Zarakas Deposition Data Requests
January 21, 1998
Item No. 2
Page 1 of 1

REQUEST:     Provide the $/line from SCIS used in the study.

RESPONSE:     5ESS $/line = $

DMS $/line = $

This information is proprietary and is being provided subject to the execution of the appropriate nondisclosure agreement.

INFORMATION PROVIDED BY:          Daonne Caldwell
Director
675 West Peachtree Street, NE
Atlanta, GA 30375

ACK _____
AFA _____
APP _____
CAF _____
CMU _____
CTR _____
EAG _____
LEG _____
LIN _____
OPC _____
RCH _____
SEC ___/___
WAS _____
OTH _____

Florida Public Service Commission
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**PROPRIETARY**

REQUEST:     Provide switch contracts dated 1992 or later include:

        a)  Type of contract
        b)  Term
        c)  Discount $/line

Also provide how BST determines average $/line – which contracts were used;
How were melded $/line determined.

RESPONSE:     The following contracts are proprietary and are being provided subject to the
execution of the appropriate nondisclosure agreement:

| | |
|---|---|
| *a* | Northern Telecom, Inc.:<br>Letter of Agreement No. 34 pursuant to Agreement No. PR-6900-A |
| *b* | Northern Telecom, Inc.:  Revised Attachment G |
| *c* | AT&T Corp.:  Letter of Agreement No. 24 Pursuant To Agreement No. PR-6700-B |
| *d* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 1 |
| *e* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 2 |
| *f* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 3 |
| *g* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 4 |
| *h* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 5 |
| *i* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 6 |
| *j* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 8 |
| *k* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 9 |
| *l* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 10 |
| *m* | AT&T Technologies, Inc.:  Agreement No. PR-3200-B, Amendment No. 11 |
| *n* | AT&T Technologies, Inc.:  General Agreement No. PR-3200-B |

        a)  See descriptions above.

# ITEM 3

# ATTACHMENT 1

## 1 a-n    SWITCH CONTRACTS - REDACTED

Florida Public Service Commission
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**PROPRIETARY**

RESPONSE:   (Continued)

b)   See contracts provided.

c)   Information provided in this response is proprietary and is being provided subject to the execution of the appropriate nondisclosure agreement.

The resulting total investments from SCIS are divided by the number of lines served by that switch type. This per line investment is then multiplied by the % of lines in that switch type to total lines in that state. Following are the calculations used:

*15*
*16*
*17*

5ESS SCIS Investment = $
DMS SCIS Investment = $ .
Weighted total investment per line =

*18*

This closely corresponds to the $           value in Ms. Petzinger's testimony on Page 11. The discounts for the above vendors are derived by different means. The Nortel discount is taken from the contract PR-6900-A. The discounts used for the Nortel switches is as follows: Basic Office, Basic

*22*
*23*

Remote, ISDN Office and ISDN Remote is           . The discount for the MDF and Protector is

The discount for Lucent switches is derived from the contract and the year end Reconcilement report for the period ending 1994 and reflect contracts for line additions and switch replacements as well as special quotes. These special quotes for switch replacements are similar in nature to the current SSI contracts. This process is used to calculate the weighted discount for new and growth jobs. This results in the following effective discounts. The discount for the Basic Office, Basic Remote, ISDN Office and the ISDN

*31*

remote is           Additionally, another discount of           , is applied against equipment which would only be purchased in new offices, i. e., getting started equipment, spares, and breakage. The discount for the MDF and Protector is

*34*

*36*
*37*

As stated in Ms. Petzinger's testimony on Page 6 the DMS price per line of           s reflected in the calculations above in Item No. 2. The stated price of           per line for the 5ESS switches is only for switch replacement jobs within designated offices and does not include the cost for growth jobs to existing switches.

INFORMATION PROVIDED BY:                   Daonne Caldwell
                                           Director
                                           675 West Peachtree Street, NE
                                           Atlanta, GA 30375

BellSouth Telecommunications, Inc.
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REQUEST:   Provide number of collocators per office:

   a)   currently planned and used
   b)   for ICB basis

What costs are recovered in space construction?

RESPONSE:   a)   Attachment No. 1 provides the most recent Collocation Activity report. It
            provides state by state information including customer, wire center,
            completed or in progress. This information is proprietary and is being
            provided subject to the execution of the appropriate nondisclosure
            agreement. BellSouth does not evaluate the ability to provide collocation in a
            given office until a bona fide application is received for that office.

         b)   BellSouth does not plan for a certain number of collocators because each
            collocator requests a different amount of square feet. BellSouth builds out a
            reasonable area within the central office given how much space is available
            For example, if we have 5,000 square feet available and a collocator's initial
            request is for 200 square feet, BellSouth might build out 500 or 600 square
            feet. BellSouth would only recover the prorated share, the amount that a
            particular collocator requests when they come into the office, of the total cost
            for the actual build out. We do not have a particular planning format because
            central offices do not have a very consistent amount of available space. So
            far, we have found that we have been able to build out enough space to
            contain two and possible three collocators that are requesting approximately
            a 200 square foot enclosure.

            The following unit cost specifications were compiled from an actual
            separation structure constructed in a BellSouth central office as a test pilot.
            Pricing reflects a general contractor fee, contracted labor, and includes full
            time supervision by BellSouth per the BellSouth Master Agreement.

               Provide & install complete - metal framing & gypsum board
                  $80.91 / Linear Foot
               Provide & install/remove complete - dust barrier
                  $20.95 / Linear Foot
               Provide & install complete - door, frame & hardware
                  $499.52 / Each

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RESPONSE:    (Continued)

Space Construction investment for the first 100 square feet includes (a) the material and labor cost of constructing a 100 square foot enclosure, plus (b) BellSouth Property Management Services time for oversight and inspection of the construction.

(a) The material price and labor costs for building the first 100 square foot enclosure are as follows:

3 walls @ $80.91 per linear foot with 10 linear feet per wall
3 x 10 x $80.91 =        $2,427.30
Dust barrier @ $20.95 / linear foot with 50 linear feet total
50 x $20.95 =                                                           $1,047.50
1 Door                                                                     $  499.52
HVAC Ductwork                                                    $2,950.00
HVAC Diffuser                                                      $  127.30
Electrical Equipment (includes light fixture, switch,
outlet, circuit, conduit, exit light fixture)             $  462.06
Architectural/Engineering Fee                            $  601.09
Total                                                                     $8,114.77

(b) Property Management Services work time consists of the following:

| | |
|---|---|
| Program Manager | 30 minutes |
| Facility Planner | 95 minutes |
| Floor space Manager | 10 minutes |
| Mechanical Subject Matter Expert | 30 minutes |
| Electrical Subject Matter Expert | 30 minutes |
| Facility Manager | 270 minutes |
| Project Support Group | 20 minutes |

The above work times equate to 8.0833 hours. The functions performed consist of consulting, site visits, inspections, paperwork, tracking, and a turn-over meeting.

Space Construction investment for an additional 50 square feet includes the material and labor cost of increasing the enclosure by additional 50 square foot increments when constructed at the same time as the first 100 square foot enclosure.

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RESPONSE: (Continued)

The incremental amount per 50 square feet (over the first 100 square feet) is weighted with the following probabilities to determine the cost per additional 50 square feet:

| Square Feet | Probability | Computation | Cost |
| --- | --- | --- | --- |
| 150 | 2% | ($9,319.31-$8,114.77)/1x0.02 | $24.10 |
| 200 | 60% | ($10,337.91-$8,114.77)/2x0.60 | $666.95 |
| 250 | 2% | ($11,519.49-$8,114.77)/3x0.02 | $22.70 |
| 300 | 20% | ($11,947.72-$8,114.77)/4x0.20 | $191.65 |
| 350 | 1% | ($12,063.97-$8,114.77)/5x0.01 | $7.90 |
| 400 | 11% | ($11,728.61-$8,114.77)/6x0.11 | $66.26 |
| 450 | 1% | ($13,252.15-$8,114.77)/7x0.01 | $7.34 |
| 500 | 3% | ($13,472.17-$8,114.77)/8x0.03 | $20.10 |
| Total | 100% | | $1,007.00 |

The probabilities are based on a small sample of requests, plus engineering judgment. To determine the land investment (20C), a ratio, based on the percent land to building investment, is applied to the building investment amount for both the first 100 square foot and the additional 50 square foot space construction element.

INFORMATION PROVIDED BY:    Daonne Caldwell
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# BELLSOUTH
# COLLOCATION STATUS
# AS OF
# NOVEMBER 30, 1997

{NEW PAGE HERE}

BELLSOUTH
COLLOCATION STATUS
As of November 30, 1997


The following 24 Interconnectors have applied for virtual and/or physical collocation in accordance with a Collocation Agreement or BellSouth's Tariff FCC No. 1 for Virtual Expanded Interconnection Service in one or more central offices within BellSouth's territory:

Interconnectors:

ALLTEL
American Communications Services, Inc.
American MetroCom
BellSouth
Brooks Fiber Communications of Tennessee, Inc.
Cellular XL
Cox Communications dba Cox FiberNet
DeltaCom [also dba Interstate Fibernet]
FiberSouth, Inc.
GRUMON
ICG Access Services, Inc.
Intermedia Communications, Inc.
KMC TeleCom, Inc.
Hyperion Telecommunications [also dba Louisville Lightwave; Hyperion of Tennessee]
MediaOne, Inc. [formerly Access Telecommunications Interconnection and dba Continental
                        Fiber Technologies dba AlterNet]
MCI Metro [aka Access Transmission Services, Inc.]
MGC Communications, Inc.
MFS Telecommunications, Inc.
NextLink of Tennessee [formerly Signal Communications; U.S. Signal; City Signal]
PowerTel
Sprint Metropolitan Networks, Inc.
Telecommunications Management Group
Teleport Communications Group
Time Warner, Inc., [also dba Charlotte AxS]

2

THE INFORMATION CONTAINED ON THE FOLLOWING SHEETS FOR
TOTALS, ALABAMA, FLORIDA, GEORGIA, KENTUCKY, LOUISIANA,
MISSISSIPPI, NORTH CAROLINA, SOUTH CAROLINA AND TENNESSEE IS
RESTRICTED - CONTAINS PRIVATE AND/OR PROPRIETARY INFORMATION
AND MAY ONLY BE USED FOR AUTHORIZED BELLSOUTH BUSINESS
PURPOSES AND ONLY BY AUTHORIZED INDIVIDUALS.

3

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| Alabama | Birmingham | Main & Toll | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | 1 | |
| | Florence | Main | | | | | 1 | |
| | Huntsville | Main & Toll | | | 1 | | | |
| | | | | | | | 1 | |
| | | University | | | 1 | | | |
| | | | | | 1 | | | |
| | Mobile | Azalea | | | 1 | | | |
| | | | | | | | 1 | |
| | | Old Shell | | 1 | | | | |
| | Montgomery | Dalraida | | | 1 | | | |
| | | | | | | | 1 | |
| | | Main & Toll | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | | | | 1 | |
| Sum | 5 | 8 | | 2 | 8 | | 7 | 0 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 10 | 7 | 17 |
| Complete | 8 | 0 | 8 |
| In Progress | 2 | 7 | 9 |

As of November 30, 1997

4

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocation | In Prog | Comp | Collocation | In Prog | Comp |
| Florida | Boca Raton | Boca Teeca | | | 1 | | | |
| | Daytona Beach | Main | | 1 | | | | |
| | Ft. Lauderdale | Main-Relief | | | 1 | | 1 | |
| | | | | | 1 | | | |
| | | Cypress | | | 1 | | 1 | |
| | | Jacaranda | | | | | 1 | |
| | | Oakland Park | | | | | 1 | |
| | | Plantation | | | 1 | | | |
| | Gainesville | Main | | 1 | | | | |
| | Hollywood | Main | | 1 | | | | |
| | | West Hollywood | | | | | | 1 |
| | | | | | | | 1 | |
| | | Pembroke Pines | | | | | 1 | |
| | Jacksonville | Arlington | | | 1 | | | |
| | | Beachwood | | | 1 | | | |
| | | Clay Street | | | 1 | | | |
| | | | | | 1 | | | |
| | | Normandy | | | 1 | | | |
| | | Riverside | | | 1 | | | |
| | | San Jose | | | 1 | | | |
| | | San Marco | | | 1 | | | |
| | | J.T. Butler | | | 1 | | | |
| | | Wesconnett | | | 1 | | | |
| | Jacksonville Beach | Main | | | | | | |
| | Lake Mary | Main | | 1 | | | | |
| | | | | 1 | | | | |
| | Mandarin | Avenues | | | 1 | | | |
| | | Loretto | | | 1 | | | |
| | Melbourne | Main | | 1 | | | | |
| | | | | 1 | | | | |
| | | | | | 1 | | | |
| | Miami | Alhambra | | 1 | | | | |
| | | | | 1 | | | | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | Canal | | | | | 1 | |
| | | Grande | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | 1 | | | | |
| | | | | | 1 | | | |
| | | Hileah | | | 1 | | 1 | |
| | | Palmetto | | 1 | | | | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | Red Road | | | | | 1 | |
| | Orlando | Azalea Park | | | 1 | | 1 | |
| | | | | | | | 1 | |
| | | Colonial | | | 1 | | 1 | |
| | | Magnolia | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | 1 | |
| | | Pinecastle | | | 1 | | 1 | |
| | | Pine Hills | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | | 1 |
| | | Sandlake | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | 1 | |
| | Pensacola | Belmont | | 1 | | | | |
| | Perrine | Main | | | 1 | | 1 | |
| | Sanford | Main/O-WS | | | 1 | | | |
| | W. Palm Beach | Gardens | | | 1 | | | |
| | | Haverhill | | | 1 | | | |
| | | Main Annex | | | 1 | | | |
| | | | | 1 | | | | |
| **Sum** | 16 | 43 | | 15 | 41 | | 18 | 6 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 56 | 24 | 80 |
| Complete | 41 | 6 | 47 |
| In Progress | 15 | 18 | 33 |

As of November 30, 1997

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| Georgia | Alpharetta | Main | | | 1 | | | |
| | | | | 1 | | | | |
| | Athens | Main | | | 1 | | 1 | |
| | Atlanta | Buckhead | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | | | | 1 |
| | | | | | | | | 1 |
| | | | | | | | 1 | |
| | | Courtland St. | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | | 1 |
| | | | | | | | 1 | |
| | | East Point | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | | | | 1 | |
| | | Peachtree Place | | | 1 | | 1 | |
| | | | | | 1 | | 1 | |
| | | | | | 1 | | 1 | |
| | | Sandy Springs | | | 1 | | | |
| | | | | | | | | 1 |
| | | | | | | | | 1 |
| | | Toco Hill | | | 1 | | | |
| | | | | 1 | | | | |
| | Augusta | Main | | 1 | | | | |
| | Buford | Buford | | | | | 1 | |
| | Chamblee | Main | | | | | 1 | |
| | Duluth | Duluth | | | | | 1 | |
| | Columbus | Main & Toll | | | 1 | | | |
| | Dunwoody | Main | | | 1 | | | |
| | | | | | | | | 1 |
| | | | | | | | | 1 |
| | | | | | | | | 1 |
| | Lawrencvl | Lawrenceville | | | | | 1 | |
| | Lilburn | Main | | | 1 | | 1 | |
| | Marietta | East | | | | | 1 | |
| | | Main | | | 1 | | 1 | |
| | | | | | | | | 1 |
| | | | | | | | 1 | |
| | Norcross | Main | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | | 1 |
| | Roswell | Main | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | | | | 1 | |
| | Smyrna | Main | | | 1 | | 1 | |
| | | | | | | | 1 | |
| | | Powers Ferry | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | | | 1 | |
| | | | | | 1 | | 1 | |
| | | | | | 1 | | | |
| | Savannah | Bull Street | | | 1 | | | |
| | Stn Mtn | Stn Mtn | | | | | 1 | |
| | Tucker | Main | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | | | | 1 | |
| | | | | | | | 1 | |
| | Woodstk | Woodstock | | | | | 1 | |
| Sum | 19 | 26 | | 4 | 25 | | 23 | 12 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 29 | 35 | 64 |
| Complete | 25 | 12 | 37 |
| In Progress | 4 | 23 | 27 |

As of November 30, 1997

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| Kentucky | Louisville | Amory Place | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | 1 | | | |
| | | Bardstown Road | | | 1 | | | |
| | | Beechmont | | | 1 | | | |
| | | J Town | | | 1 | | | |
| | | St. Matthews | | | 1 | | | |
| | | Third Street | | | 1 | | | |
| | | 26th Street | | | 1 | | | |
| | | Westport Road | | 1 | | | | |
| | | | | | 1 | | | |
| Sum | 1 | 8 | | 1 | 10 | | 0 | 0 |

|  | Virtual | Physical | Total |
|---|---|---|---|
| Total | 11 | 0 | 11 |
| Complete | 10 | 0 | 10 |
| In Progress | 1 | 0 | 1 |

As of November 30, 1997

Hyperion dba Louisville Lightwave

| General Info | | | Virtual | | | Physical | | |
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
|---|---|---|---|---|---|---|---|---|
| Louisiana | Baton Rouge | Goodwood | | 1 | | | | |
| | | | | | | | 1 | |
| | | | | 1 | | | | |
| | | | | 1 | | | | |
| | | Main | | | 1 | | | |
| | New Orleans | Main | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | | | | 1 |
| | | | | | | | 1 | |
| | Shreveport | Main | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | | |
| Sum | | 3 | 4 | 4 | 4 | | 2 | 1 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 8 | 3 | 11 |
| Complete | 4 | 1 | 5 |
| In Progress | 4 | 2 | 6 |

As of November 30, 1997

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| Mississippi | Biloxi | Edgewater | | | | | 1 | |
| | | Main | | | | | 1 | |
| | Gulfport | 22nd Avenue | | | | | 1 | |
| | Hattiesburg | Main | | | 1 | | | |
| | | | | | | | 1 | |
| | Jackson | Capitol Pearl | | | | | | 1 |
| | | | | | 1 | | | 1 |
| | | | | | | | 1 | |
| | | | | 1 | | | | |
| | | Meadowbrook | | | | | | 1 |
| | | Pearl City | | | | | 1 | |
| | | Ridgewood | | | | | | 1 |
| | Ocn Spgs | Ocn Spgs | | | | | 1 | |
| | Pascagou | la Main | | | | | 1 | |
| | Tupelo | Main | | | | | 1 | |
| | Vicksburg | Cherry St. | | | 1 | | | |
| Sum | 8 | 12 | | 1 | 3 | | 9 | 4 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 4 | 13 | 17 |
| Complete | 3 | 4 | 7 |
| In Progress | 1 | 9 | 10 |

As of November 30, 1997

| State | City | Central Office | Collocat | In Prog | Comp | Collocator | In Prog | Comp |
|---|---|---|---|---|---|---|---|---|
| | | | **General Info** | | | **Virtual** | | **Physical** |
| North Carolina | Asheville | O'Henry | | | 1 | | | |
| | Cary | Central | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | 1 | | | | |
| | | | | | | | 1 | |
| | Chapel Hill | Rosemary | | | 1 | | | |
| | | | | | | | 1 | |
| | Charlotte | Caldwell | | | 1 | | | |
| | | | | | | | | 1 |
| | | | | | | | 1 | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | 1 | | | | |
| | | Carmel | | 1 | | | | |
| | | | | 1 | | | | |
| | | Central Ave. | | 1 | | | | |
| | | Derita | | | 1 | | | |
| | | Erwin Rd. | | | 1 | | | |
| | | Lake Point | | | 1 | | | |
| | | Reid Road | | | 1 | | | |
| | | | | 1 | | | | |
| | | Research Drive | | | 1 | | | |
| | | Sharon Amity | | | 1 | | | |
| | | | | 1 | | | | |
| | | South Blvd. | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | 1 | | | | |
| | | Thomasboro | | 1 | | | | |
| | Greensboro | Airport | | 1 | | | | |
| | | Ashland Drive | | 1 | | | | |
| | | Eugene St. | | | 1 | | | |
| | | | | | 1 | | | |
| | Raleigh | Glenwood | | | | | 1 | |
| | | Morgan | | 1 | | | | |
| | | | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | New Hope | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | | | 1 | | | | |
| | Salisbury | Main | | | 1 | | | |
| | Winston-Salem | Fifth Street | | 1 | | | | |
| **Sum** | | **8** | **22** | **14** | **20** | | **8** | **1** |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 34 | 9 | 43 |
| Complete | 20 | 1 | 21 |
| In Progress | 14 | 8 | 22 |

As of November 30, 1997

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| South Carolina | Charleston | Dial & Toll | | | 1 | | | |
| | Columbia | Senate St. | | | 1 | | | |
| | | | | | | | 1 | |
| | | St. Andrews | | | 1 | | | |
| | Greenville | College St. (D&T) | | | 1 | | | |
| | | | | | | | 1 | |
| | | Woodruff Rd. | | 1 | | | | |
| | Spartanburg | Main | | | 1 | | | |
| Sum | 4 | 6 | | 1 | 5 | | 2 | 0 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 6 | 2 | 8 |
| Complete | 5 | 0 | 5 |
| In Progress | 1 | 2 | 3 |

As of November 30, 1997

| General Info | | | Virtual | | | Physical | | |
|---|---|---|---|---|---|---|---|---|
| State | City | Central Office | Collocator | In Prog | Comp | Collocator | In Prog | Comp |
| Tennessee | Chattanooga | Ninth Street | | | 1 | | | |
| | | | | | 1 | | | |
| | | Dodds | | | | | 1 | |
| | Knoxville | Bearden | | | 1 | | | 1 |
| | | Main | | | 1 | | | 1 |
| | | | | 1 | | | | |
| | | West Hills | | | 1 | | | 1 |
| | | Young Hill | | | | | | 1 |
| | Memphis | Bartlett | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | | | 1 | |
| | | Chickasaw | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | | Eastland | | | 1 | | 1 | |
| | | | | | 1 | | | 1 |
| | | | | | | | 1 | |
| | | Germantown | | | 1 | | | |
| | | Main | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | Midtown | | | 1 | | | |
| | | Oakville | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | | | 1 | |
| | | Southland | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | 1 | |
| | Murfreesboro | Main | | 1 | | | | |
| | Nashville | Airport | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | | Brentwood | | | 1 | | | |
| | | Crieve Hall | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | | Donelson | | | 1 | | 1 | |
| | | | | | 1 | | | |
| | | Inglewood | | | 1 | | | 1 |
| | | Madison | | | 1 | | | |
| | | Main | | | 1 | | | |
| | | | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | | | | | 1 | | | |
| | | | | | 1 | | | |
| | | Sharondale | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | | University | | | 1 | | | 1 |
| | | | | | 1 | | | |
| | OakRidge | Main | | | | | 1 | |
| Sum | 6 | 25 | | 2 | 36 | | 8 | 16 |

| | Virtual | Physical | Total |
|---|---|---|---|
| Total | 38 | 24 | 62 |
| Complete | 36 | 16 | 52 |
| In Progress | 2 | 8 | 10 |

As of November 30, 1997

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| Alabama | 5 | 8 | | Virtual | Physical | Total |
| | | | Total | 10 | 7 | 17 |
| | | | Complete | 8 | 0 | 8 |
| | | | In Progress | 2 | 7 | 9 |

| Florida | 16 | 43 | | Virtual | Physical | Total |
| | | | Total | 56 | 24 | 80 |
| | | | Complete | 41 | 6 | 47 |
| | | | In Progress | 15 | 18 | 33 |

| Georgia | 19 | 26 | | Virtual | Physical | Total |
| | | | Total | 29 | 35 | 64 |
| | | | Complete | 25 | 12 | 37 |
| | | | In Progress | 4 | 23 | 27 |

| Kentucky | 1 | 8 | | Virtual | Physical | Total |
| | | | Total | 11 | 0 | 11 |
| | | | Complete | 10 | 0 | 10 |
| | | | In Progress | 1 | 0 | 1 |

| Louisina | 3 | 4 | | Virtual | Physical | Total |
| | | | Total | 8 | 3 | 11 |
| | | | Complete | 4 | 1 | 5 |
| | | | In Progress | 4 | 2 | 6 |

| Mississippi | 8 | 12 | | Virtual | Physical | Total |
| | | | Total | 4 | 13 | 17 |
| | | | Complete | 3 | 4 | 7 |
| | | | In Progress | 1 | 9 | 10 |

| North Carolina | 8 | 22 | | Virtual | Physical | Total |
| | | | Total | 34 | 9 | 43 |
| | | | Complete | 20 | 1 | 21 |
| | | | In Progress | 14 | 8 | 22 |

| South Carolina | 4 | 6 | | Virtual | Physical | Total |
| | | | Total | 6 | 2 | 8 |
| | | | Complete | 5 | 0 | 5 |
| | | | In Progress | 1 | 2 | 3 |

| Tennessee | 6 | 25 | | Virtual | Physical | Total |
| | | | Total | 38 | 24 | 62 |
| | | | Complete | 36 | 16 | 52 |
| | | | In Progress | 2 | 8 | 10 |

| **Total** | **70** | **154** | | Virtual | Physical | Total |
| | | | **Total** | **196** | **117** | **313** |
| | | | **Complete** | **152** | **40** | **192** |
| | | | **In Progress** | **44** | **77** | **121** |

As of November 30, 1997

13

BellSouth Telecommunications, Inc.
Florida Public Service Commission
Docket No.: 960833-TP
Caldwell/Zarakas Deposition Data Requests
January 21, 1998
Item No. 16
Page 1 of 1

**PROPRIETARY**

REQUEST:     Refer to page 1889, column A, of the study:

a) How were these numbers developed (use an example e.g. the $36.14 and trace back through the study)? Need to trace back to the SONET calculator, need to provide support for material prices in SONET calculator (contracts - need hard copies of contract pages with material prices). Provide schematic of typical node equipment.

b) Explain in-plant factors which appear out-of-line.

RESPONSE:   a) See Attachment No. 1 for the SONET related requests. This information is proprietary and is being provided subject to the execution of the appropriate nondisclosure agreement.

b) The In-Plant Factor Study uses data from Company reports. The information has been investigated and verified as correct. Because of the characteristics associated with building cable-fiber, FRC 812C, such as relatively low material costs, short cable lengths, and complex splicing and placing configurations, labor, exempt material and other costs are substantially greater than non-exempt material cost. As a result, the In-Plant Factor for this FRC is relatively high. The computation for is shown below:
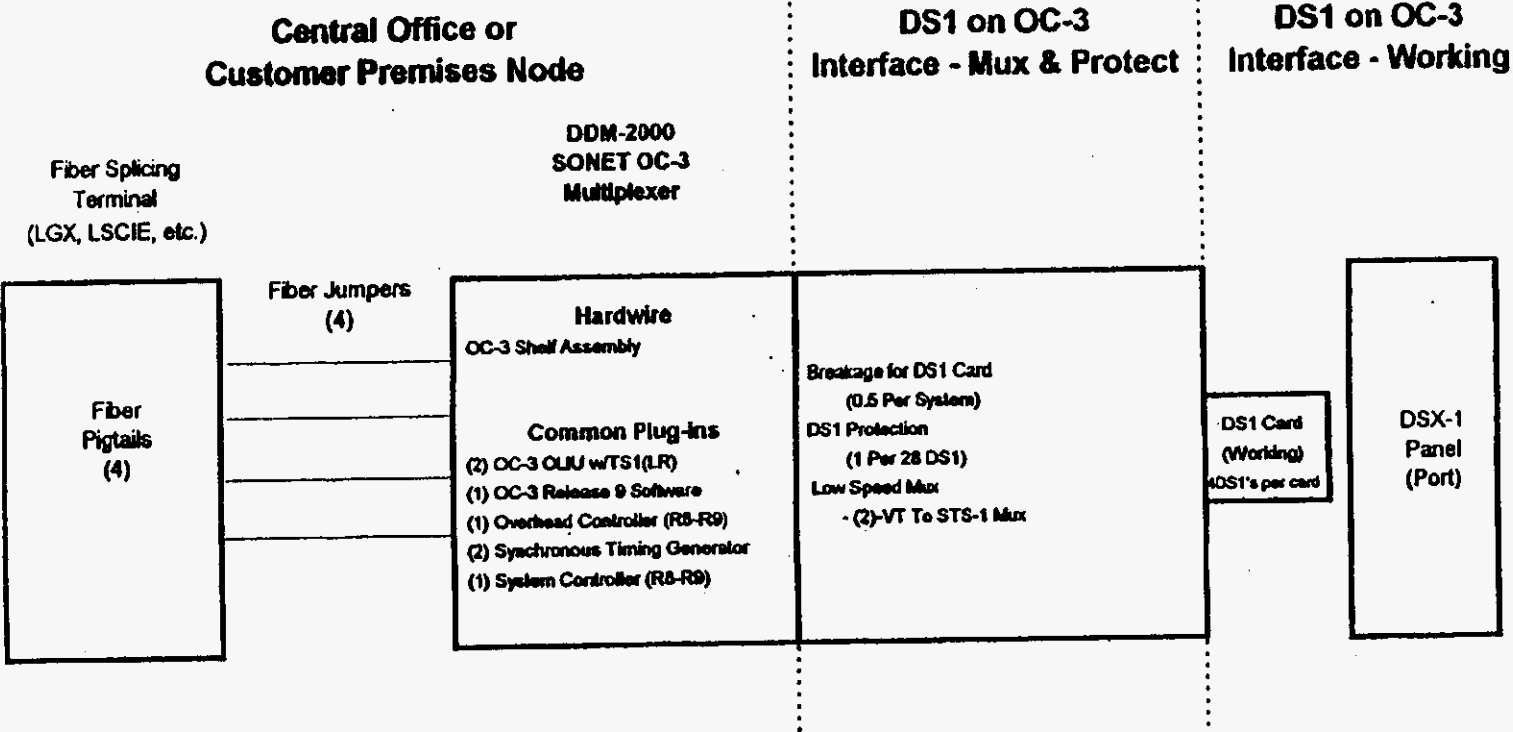
| Description | Amount |
|---|---|
| Non-Exempt Material | $ 229,022 |
| Total (Labor, Material, & Other) | $1,626,994 |
| Material Factor (Total/Material) | 7.1041 |

INFORMATION PROVIDED BY:           Daonne Caldwell
                                                        Director
                                                        675 West Peachtree Street, NE
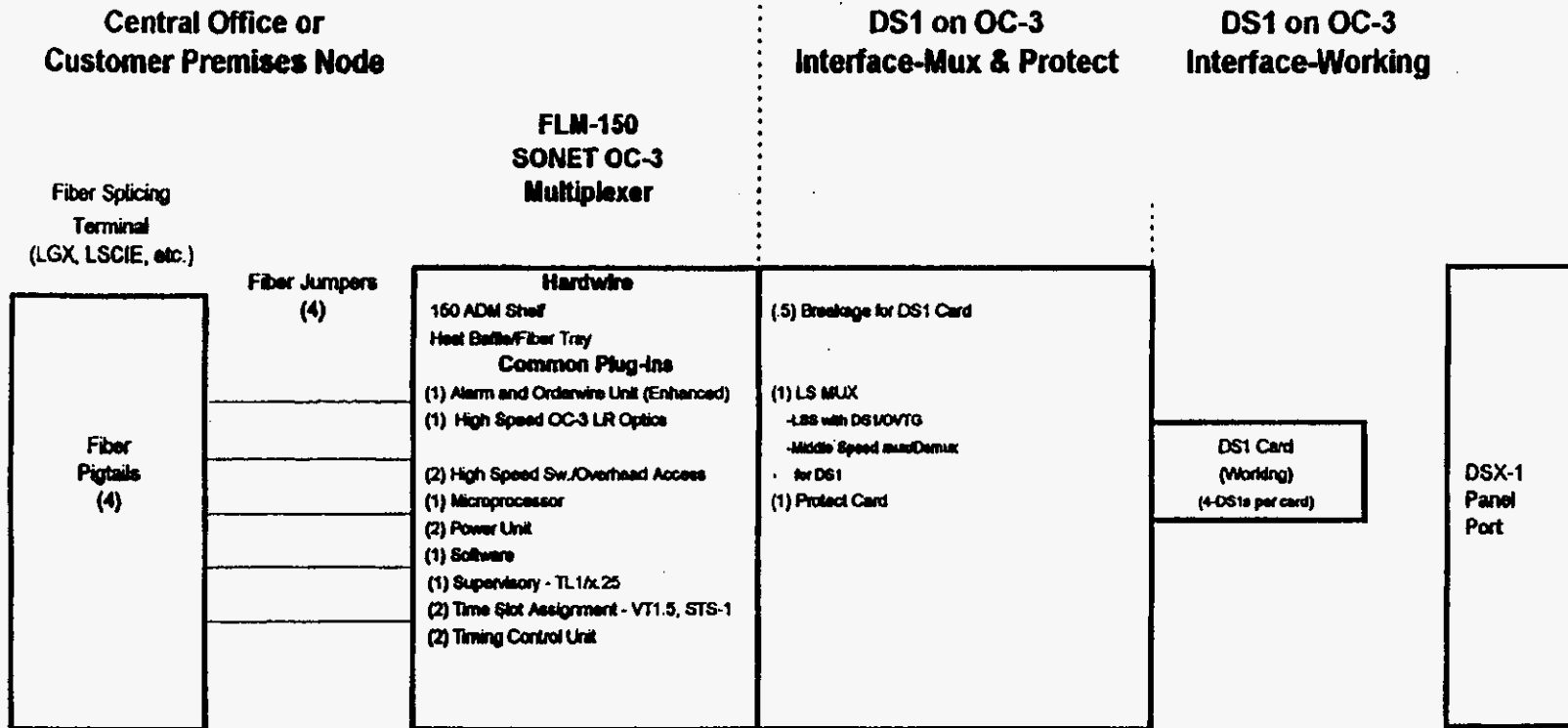                                                        Atlanta, GA 30375

Item No. 16
Attachment No. 1
29 Pages

*I*

# DS1 on OC-3 (DDM-2000)

| **Central Office or Customer Premises Node** | **DS1 on OC-3 Interface - Mux & Protect** | **DS1 on OC-3 Interface - Working** |
|---|---|---|

**DDM-2000 SONET OC-3 Multiplexer**

Fiber Splicing Terminal (LGX, LSCIE, etc.)

Fiber Jumpers (4)

Fiber Pigtails (4)

**Hardwire**

OC-3 Shelf Assembly

**Common Plug-Ins**

(2) OC-3 OLIU w/TS1(LR)
(1) OC-3 Release 9 Software
(1) Overhead Controller (R8-R9)
(2) Synchronous Timing Generator
(1) System Controller (R8-R9)

Breakage for DS1 Card
(0.5 Per System)
DS1 Protection
(1 Per 28 DS1)
Low Speed Mux
- (2)-VT To STS-1 Mux

DS1 Card (Working)
4DS1's per card

DSX-1 Panel (Port)

Drawing #1

N \sonetdwg

# DS1 on OC-3 (FLM-150)

**Central Office or
Customer Premises Node**

**DS1 on OC-3
Interface-Mux & Protect**

**DS1 on OC-3
Interface-Working**

**FLM-150
SONET OC-3
Multiplexer**

Fiber Splicing
Terminal
(LGX, LSCIE, etc.)

Fiber Jumpers
(4)

Fiber
Pigtails
(4)

**Hardwire**
150 ADM Shelf
Heat Baffle/Fiber Tray
**Common Plug-Ins**
(1) Alarm and Orderwire Unit (Enhanced)
(1) High Speed OC-3 LR Optics
(2) High Speed Sw./Overhead Access
(1) Microprocessor
(2) Power Unit
(1) Software
(1) Supervisory - TL1/x.25
(2) Time Slot Assignment - VT1.5, STS-1
(2) Timing Control Unit

(.5) Breakage for DS1 Card

(1) LS MUX
  -LSS with DS1/OVTG
  -Middle Speed aux/Demux
  · for DS1
(1) Protect Card

DS1 Card
(Working)
(4-DS1s per card)

DSX-1
Panel
Port

Drawing #2

MESSAGE                                          Dated: 3/2/97 at 18:36
Subject: DSX Pricing                                      Contents: 2
Creator: Ted F. Winslow /AL,BRHM04

Item 1

FROM: Ted F. Winslow /AL,BRHM04
  TO: Bill Darwin /AL,BRHM04

Item 2

The following are average costs for DSX-1 and DSX-3 Panels:

10   DSX-1 --- 56 port panel / 12 panels per bay (672 ckts) $           ▪
11        /ckt.

12   DSX-1 --- 84 port panel / 10 panels per bay (840 ckts)

Note: Costs are approximate. Cost depends on configuration, ie. front vs. rear
      patch etc.


DSX-3 --- 24 port panels / 10 panels per bay(240 ports)

16
17   Note: Costs are approximate. Cost depends on configuration, ie. front vs. rear
      patch etc.

This based on ADC panels which is by far the dominent vendor.

Please advise if this is not sufficient information.

22   DSX-1 =        per port per DS1   or ▬▬▬ per port per DS0

23.  DSX-3 =        per port per DS3   or ▬▬▬ per port per DS1


MATERIAL    PRICE

4   ①

| Fundamental | State | Primitive | Equipment | Part Name | Nvst Basis | Invst Type | FRC | Mat Price | Quantity | Tot Price | Capacity | Unit Price | Utilization | Util Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| C.O. Interface DS1 on OC-3 (DDM-2000) - Working | Florida | DSX-1 Termination | DSX-1 Panel - 56 Terminations | DSX-1 Panel - 56 Terminations | DS1 | H | 357C | | 1 | | 56 | | 0.85 | |
| C.O. Interface DS1 on OC-3 (FLM-150) - Working | Florida | DSX-1 Termination | DSX-1 Panel - 56 Terminations | DSX-1 Panel - 56 Terminations | DS1 | H | 357C | | 1 | | 56 | 1 | 0.85 | |

MATERIAL PRICE

5

(2)

| State | Primitive | Equipment | Nvst Basis | Invst Type | FRC | Fundamental | Quantity | Util Price | Total Mat Price |
|-------|-----------|-----------|------------|------------|-----|-------------|----------|------------|-----------------|
| Florida | DSX-1 Termination | DSX-1 Panel - 56 Terminations | DS1 | H | 357C | C.O. Interface DS1 on OC- 3 (DDM-2000) - Working | 1 | | |
| Florida | DSX-1 Termination | DSX-1 Panel - 56 Terminations | DS1 | H | 357C | C.O. Interface DS1 on OC- 3 (FLM-150) - Working | 1 | | |

UTILIZED MATERIAL PRICE

3

| State | Nvst Basis | Invst Type | FRC | Fundamental | Non-Meld Fundamental | Weighting | Mat Price | Wgt Mat Price |
|-------|-----------|-----------|------|-------------|---------------------|-----------|-----------|---------------|
| Florida | DS1 | H | 357C | C.O. Interface DS1 on OC- 3 - Working | C.O. Interface DS1 on OC- 3 (DDM-2000) - Working | 0.4 | $ | |
| Florida | DS1 | H | 357C | C.O. Interface DS1 on OC- 3 - Working | C.O. Interface DS1 on OC- 3 (FLM-150) - Working | 0.6 | $ | |

TOT

WEIGHTED   MATERIAL   PRICE

(4)

| State | Nvst Basis | Invst Type | FRC | Sub-Frc | Fundamental | Total Mat Price |
|-------|-----------|-----------|------|---------|-------------|----------------|
| Florida | DS1 | H | 357C | 03 | C.O. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 03 | C.O. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 03 | C.O. Node - OC- 3 | 18.4611 |
| Florida | DS1 | H | 357C | 03 | C.O. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | H | 357C | 19 | Battery Back-up - OC- 3 (CP) | 29.5608 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 19 | C.P. Node - OC- 3 | 21.2181 |
| Florida | DS1 | H | 357C | 19 | C.P. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | M | 357C | 15 | Data Communications - OC- 3 | 77.3463 |
| Florida | DS1 | M | 812C | 00 | Fiber Building Entrance Cable (IO) - OC- 3 | 22.6633 |
| Florida | DS1 | M | 822C | 00 | Aerial Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.4671 |
| Florida | DS1 | M | 845C | 00 | Buried Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.8419 |
| Florida | DS1 | M | 85C | 00 | UG Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 2.7012 |
| Florida | DS1 | P | 357C | 06 | C.O. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 06 | C.O. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 06 | C.O. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface STS-1 on OC- 3 | 281.1972 |
| Florida | DS1 | P | 357C | 22 | Battery Back-up - OC- 3 (CP) | 23.9919 |
| Florida | DS1 | P | 357C | 22 | C.P. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 22 | C.P. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 22 | C.P. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface STS-1 on OC- 3 | 281.1972 |

*SONET    OUTPUT    TO UNE    STUDY*

8      (5)

| INPUTS | | | | | | | STATE: FLORIDA |
|---|---|---|---|---|---|---|---|
| DS1 LOCAL CHANNEL | | | | | | | DATE: OCTOBER 1997 |
| LINE | (A) | (B) | (C) | (D) | (E) | (F) | (G) | (H) |
| 1 | EQUIPMENT | State | Basis | Material Type | FRC | Sub-Frc | Total Material | Source |
| 2 | C.O. Interface DS1 on OC- 3 - Working | FL | DS1 | H | 357C | 03 | 17.6819 | SONET Price Calculator |
| 3 | C.O. Node - OC- 3 | FL | DS1 | H | 357C | 03 | 18.4611 | SONET Price Calculator |
| 4 | Battery Back-up - OC- 3 (CP) | FL | DS1 | H | 357C | 19 | 29.5608 | SONET Price Calculator |
| 5 | C.P. Interface DS1 on OC- 3 - Working | FL | DS1 | H | 357C | 19 | 17.6819 | SONET Price Calculator |
| 6 | C.P. Node - OC- 3 | FL | DS1 | H | 357C | 19 | 21.2181 | SONET Price Calculator |
| 7 | Data Communications - OC- 3 | FL | DS1 | M | 357C | 19 | 77.3463 | SONET Price Calculator |
| 8 | Fiber Building Entrance Cable - OC- 3 | FL | DS1 | M | 812C | 00 | 22.8633 | SONET Price Calculator |
| 9 | Aerial Fiber - Per Wgtd Fiber Mile - OC- 3 | FL | DS1 | M | 822C | 00 | 1.4471 | SONET Price Calculator |
| 10 | Buried Fiber - Per Wgtd Fiber Mile - OC- 3 | FL | DS1 | M | 845C | 00 | 1.9419 | SONET Price Calculator |
| 11 | UG Fiber - Per Wgtd Fiber Mile - OC- 3 | FL | DS1 | M | 88C | 00 | 2.7012 | SONET Price Calculator |
| 12 | C.O. Interface DS1 on OC- 3 - Mux & Protect | FL | DS1 | P | 357C | 08 | 127.9827 | SONET Price Calculator |
| 13 | C.O. Node - OC- 3 | FL | DS1 | P | 357C | 08 | 296.8088 | SONET Price Calculator |
| 14 | C.O. Interface DS1 on OC- 3 - Working | FL | DS1 | P | 357C | 09 | 138.4000 | SONET Price Calculator |
| 15 | Battery Back-up - OC- 3 (CP) | FL | DS1 | P | 357C | 22 | 23.9919 | SONET Price Calculator |
| 16 | C.P. Interface DS1 on OC- 3 - Mux & Protect | FL | DS1 | P | 357C | 22 | 127.9827 | SONET Price Calculator |
| 17 | C.P. Node - OC- 3 | FL | DS1 | P | 357C | 22 | 296.8088 | SONET Price Calculator |
| 18 | C.P. Interface DS1 on OC- 3 - Working | FL | DS1 | P | 357C | 25 | 138.4000 | SONET Price Calculator |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | FIBER STRANDS PER RING | FL | | | | | 3 | NETWORK |
| 23 | | | | | | | | |
| 24 | STATE AVG. LOOP LENGTH (FT) | FL | | | | | 5.480 | CRIS DATA BASE |
| 25 | | | | | | | | |
| 26 | RATIO OF CIRCUMFERENCE TO THE DIAMETER | | | | | | 3.14 | PI |
| 27 | OF A CIRCLE | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | M = MATERIAL | | | | | | | |
| 31 | H = HARDWIRE | | | | | | | |
| 32 | P = PLUG IN | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |

| 35 | | NONRECURRING LABOR | | | | | | |
|---|---|---|---|---|---|---|---|
| 36 | | | | INSTALL | | DISCONNECT | | |
| 37 | | | JFC/ | WORKTIMES (HRS) | | WORKTIMES (HRS) | | |
| 38 | DESCRIPTION | | PAYBAND | FIRST | ADDTL | FIRST | ADDTL | SOURCE |
| 39 | SERVICE ORDER | | | | | | | |
| 40 | CUST PT OF CONT (ICSC) | | 2300 | 1.1007 | 0.0417 | 0.5333 | 0.0417 | NETWORK |
| 41 | CO INSTALL & MTCE FIELD | | 431X | 0.0417 | 0.0000 | 0.0417 | 0.0000 | NETWORK |
| 42 | ACC CUST ADV CTR (ACAC) | | 471X | 0.0833 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 43 | CKT PROV GRP (CPG) | | 470X | 0.1333 | 0.0000 | 0.0333 | 0.0000 | NETWORK |
| 44 | WORK MGT CTR (WMC) | | 4WXX | 0.3877 | 0.1720 | 0.0000 | 0.0000 | NETWORK |
| 45 | INST & MTCE-SP SVC (SSIM) | | 411X | 0.3072 | 0.0000 | 0.1667 | 0.0000 | NETWORK |
| 46 | | | | | | | | |
| 47 | ENGINEERING | | | | | | | |
| 48 | OSP ENG (FG30) | | 32XX | 3.0000 | 3.0000 | 0.0000 | 0.0000 | NETWORK |
| 49 | CKT PROV GRP (CPG) | | 470X | 0.4917 | 0.4917 | 0.0250 | 0.0250 | NETWORK |
| 50 | ADD & FAC INVENT (AFIG) | | 400X | 0.0166 | 0.0166 | 0.0000 | 0.0000 | NETWORK |
| 51 | NTWK PLUG-IN ADMIN (PICS) | | 341X | 0.0600 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 52 | | | | | | | | |
| 53 | CONNECT & TEST | | | | | | | |
| 54 | CO INSTALL & MTCE FIELD | | 431X | 0.4167 | 0.4167 | 0.1667 | 0.1667 | NETWORK |
| 55 | INST & MTCE-SP SVC (SSIM) | | 411X | 2.1333 | 2.1333 | 0.3333 | 0.3333 | NETWORK |
| 56 | ACC CUST ADV CTR (ACAC) | | 471X | 0.8500 | 0.8500 | 0.0000 | 0.0000 | NETWORK |
| 57 | | | | | | | | |
| 58 | TRAVEL | | | | | | | |
| 59 | INST & MTCE-SP SVC (SSIM) | | 411X | 0.3000 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 60 | | | | | | | | |
| 61 | | | | | | | | |
| 62 | COST ELEMENT LIFE IN MONTHS | | 42 | | | | | |

OUTPUT FROM SONET MODEL

6

**DS1 LOCAL CHANNEL**
**1997-1998 LEVEL**

**DESIGN 1 ELECTRONICS - OC 3**

| LINE NO. | TYPE EQUIPMENT | TYPE SYSTEM | FRC | SUB-FRC | SOURCE | UTILIZED MATERIAL |
|---|---|---|---|---|---|---|
| | **CENTRAL OFFICE** | | | | | |
| 1 | C.O. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 03 | INPUT SHEET LINE 2, COL. G | $ 17.682 |
| 2 | C.O. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 09 | INPUT SHEET LINE 14, COL. G | $ 138.400 |
| 3 | | | | | | |
| 4 | C.O. Interface DS1 on OC- 3 - Mux & Protect | OC -3 | 357C | 06 | INPUT SHEET LINE 12, COL. G | $ 127.963 |
| 5 | | | | | | |
| 6 | C.O. Node - OC- 3 | OC -3 | 357C | 03 | INPUT SHEET LINE 3, COL. G | $ 18.461 |
| 7 | C.O. Node - OC- 3 | OC -3 | 357C | 06 | INPUT SHEET LINE 13, COL. G | $ 298.807 |
| 8 | | | | | | |
| 9 | Data Communications - OC- 3 | OC -3 | 357C | 15 | INPUT SHEET LINE 7, COL. G | $ 77.346 |
| 10 | | | | | | |
| 11 | | | TOTAL | | SUM LINES 1 THRU 9 | $ 676.679 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | *FROM INPUT SHEET* | |
| 15 | | | | | | |
| 16 | **POINT OF TERMINATION (CP)** | | | | | |
| 17 | | | | | | |
| 18 | C.P. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 19 | INPUT SHEET LINE 5, COL. G | $ 17.682 |
| 19 | C.P. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 25 | INPUT SHEET LINE 18, COL. G | $ 138.400 |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | C.P. Interface DS1 on OC- 3 - Mux & Protect | OC -3 | 357C | 22 | INPUT SHEET LINE 16, COL. G | $ 127.963 |
| 23 | | | | | | |
| 24 | Battery Back-up - OC- 3 (CP) | OC -3 | 357C | 19 | INPUT SHEET LINE 4, COL. G | $ 29.561 |
| 25 | Battery Back-up - OC- 3 (CP) | OC -3 | 357C | 22 | INPUT SHEET LINE 15, COL. G | $ 23.992 |
| 26 | | | | | | |
| 27 | C.P. Node - OC- 3 | OC -3 | 357C | 19 | INPUT SHEET LINE 6, COL. G | $ 21.218 |
| 28 | C.P. Node - OC- 3 | OC -3 | 357C | 22 | INPUT SHEET LINE 17, COL. G | $ 298.807 |
| 29 | | | | | | |
| 30 | Fiber Building Entrance Cable - OC- 3 | OC -3 | 812C | 00 | INPUT SHEET LINE 8, COL. G | $ 22.663 |
| 31 | | | | | | |
| 32 | | | TOTAL | | SUM LINES 18 THRU 30 | $ 680.306 |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | **SUMMARY BY FRC** | | | | | |
| 40 | **DS1 LOCAL CHANNEL ELECTRONICS** | | | | | |
| 41 | | | | | | |
| 42 | Digtl Circ C.O. - Hardwired | | 357C | 03 | LINES 1, 6 | $ 36.143 |
| 43 | Digtl Circ C.O. - Com. Plug-in | | 357C | 06 | LINE 4, 7 | $ 426.790 |
| 44 | Digtl Circ C.O. - Ddt. Plug-in | | 357C | 09 | LINE 2 | $ 138.400 |
| 45 | Digtl Circ C.O. - Combined | | 357C | 15 | LINE 9 | $ 77.346 |
| 46 | Digtl Circ Prem - Hardwired | | 357C | 19 | LINES 18, 24, 27 | $ 68.461 |
| 47 | Digtl Circ Prem - Com. Plug-in | | 357C | 22 | LINES 22, 25, 28 | $ 450.761 |
| 48 | Digtl Circ Prem - Ddt. Plug-in | | 357C | 25 | LINE 19 | $ 138.400 |
| 49 | Aerial Ca - Fiber - Bdg. Entrance | | 812C | 00 | LINE 30 | $ 22.663 |
| 50 | TOTAL DS1 LOCAL CHANNEL ELECTRONICS | | | | SUM LINES 42 THRU 49 | $ 1,358.985 |

(7)

10

| | | | | Volume Sensitive | Volume Insensitive | | |
|---|---|---|---|---|---|---|---|
| State | Cost Element # | FRC | Sub FRC | $ Amount | $ Amount | | |
| | **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. | | | | | | |
| | | | | | | | |
| FL | G.6.1 | 357C | 03 | 36.143 | | | |
| FL | G.6.1 | 357C | 06 | 426.790 | | | |
| FL | G.6.1 | 357C | 09 | 138.400 | | | |
| FL | G.6.1 | 357C | 15 | 77.346 | | | |
| FL | G.6.1 | 357C | 19 | 68.461 | | | |
| FL | G.6.1 | 357C | 22 | 450.781 | | | |
| FL | G.6.1 | 357C | 25 | 138.400 | | | |
| FL | G.6.1 | 812C | 00 | 22.663 | | | |
| FL | G.6.1 | 822C | 00 | 14.343 | | | |
| FL | G.6.1 | 85C | 00 | 26.409 | | | |
| FL | G.6.1 | 845C | 00 | 18.007 | | | |
| | END | | | | | | |

*UNE OUTPUT TO TELRIC ENGINE*
*THIS ENTRY IS MADE UP OF TWO*
*ITEMS. $17.682 & $18.461. THIS DOCUMENT*
*DEALS WITH THE $17.682*

(8)

**Lucent DDM-2000 OC-3 UPSR**

| Functional Name | Product Code | CLEI Code | BST Unit Price | Shelf & Commons | 28 DS1 QTY | 56 DS1 QTY | 84 DS1 QTY | 1 DS3 QTY | 2 DS3 QTY | 3 DS3 QTY | 1 DS3 / 56 DS1 QTY | 2 DS3 / 28 DS1 QTY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| OC-3 Shelf Assembly | ED-8C724-30 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Bay e/w 1 OC-3 shelf and heat baffle | | | 5 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Full Electrical Cabling | | | 17. | 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 | BBF2B | 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-8C724-30G1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Release 7 Software | ED-8C724-30G1 | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Release 9 Software | ED-8C724-40G1 | | | 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 | BBF1B | SNCLA70xx | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DS1 LS Card w/ PM | BBF3 | SNPQAM4xx | | 0 | 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 | 0 |
| DS3 low-speed interface | BBG4B | SNCLBBBxx | | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 2 | 4 |
| STS1E LS & HS | BBG6 | SNPQWAExx | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | | | | | | | |

16

⌐ MATERIAL PRICE

(1A)

**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 | 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 | 2 |
| High Speed OC-3 LR Optics (1310 nm), SC, Hardened | HC1A-3LC1 (I3) | SNCU8S01AB | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 |
| 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 | 0 |
| 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 | 1 | 1 |
| Microprocessor (for TSA Enh and 150+ Configuration) | MP1A-V3 | SNPQA7R5AA | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 |
| Power Unit | PW1A | SNPQACW5AA | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 |
| Supervisory - TL1/X.25 (for TSA Enh and 150+ and SW Download) | SV1A-TDL | | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| Supervisory - TL1/X.25 (for TSA Enh and 150+ Configuration) | SV1A-TL4 | SNPQA7S5AA | | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 2 | 2 |
| Timing Control Unit | TCA | SNPQADL5AA | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Time Slot Assignment - VT1.5, STS-1 | TS1A | SNPQADO5AA | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 0 | 0 |
| Time Slot Assignment - VT1.5, STS-1 Enhanced | TS1A-ENH | SNPQA7U5AA | | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 1 |
| 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 | 0 | 0 |
| 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 | 16 | 8 |
| Low Speed - 4 X DS1 w/ Far End Path DS1 PM | LC1A-D1E2 | | | 0 | 8 | 16 | 24 | 0 | 0 | 0 | 0 | 0 |
| Low Speed - OVTG | LC1A-F8 (I3) | SNCU9V01AA | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2 | 1 |
| Low Speed Switch -DS1/OVTG | LS1A-D1 | SNCLNU92AA | | 0 | 1 | 2 | 3 | 0 | 0 | 0 | 4 | 2 |
| Middle Speed - Mux/Demux for DS1 | MC1A-MDM1 | SNCLLS42AB | | 0 | 2 | 4 | 8 | 0 | 0 | 0 | 0 | 0 |
| 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 | | | | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 2 | 4 |

MATERIAL PRICE

1B

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

UTILIZED PRICE PER UNIT

3

Melding

| State | Nvst Basis | Invst Type | FRC | Fundamental | Non-Meld Fundamental | Weighting | Mat Price | Wgt Mat Price |
|-------|-----------|-----------|-----|-------------|---------------------|-----------|-----------|---------------|
| Florida | DS1 | P | 357C | C.O. Interface DS1 on OC- 3 - Working | C.O. Interface DS1 on OC- 3 (DDM-2000) - Working | 0.4 | | |
| Florida | DS1 | P | 357C | C.O. Interface DS1 on OC- 3 - Working | C.O. Interface DS1 on OC- 3 (FLM-150) - Working | 0.6 | | |

*VENDOR MELD*

TOT

4

| State | Nvst Basis | Invst Type | FRC | Sub-Frc | Fundamental | Total Mat Price |
|---|---|---|---|---|---|---|
| Florida | DS1 | H | 357C | 03 | C.O. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 03 | C.O. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 03 | C.O. Node - OC- 3 | 18.4611 |
| Florida | DS1 | H | 357C | 03 | C.O. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | H | 357C | 19 | Battery Back-up - OC- 3 (CP) | 29.5608 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 19 | C.P. Node - OC- 3 | 21.2181 |
| Florida | DS1 | H | 357C | 19 | C.P. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | M | 357C | 15 | Data Communications - OC- 3 | 77.3463 |
| Florida | DS1 | M | 812C | 00 | Fiber Building Entrance Cable (IO) - OC- 3 | 22.6633 |
| Florida | DS1 | M | 822C | 00 | Aerial Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.4671 |
| Florida | DS1 | M | 845C | 00 | Buried Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.8419 |
| Florida | DS1 | M | 85C | 00 | UG Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 2.7012 |
| Florida | DS1 | P | 357C | 06 | C.O. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 06 | C.O. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 06 | C.O. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface STS-1 on OC- 3 | 281.1972 |
| Florida | DS1 | P | 357C | 22 | Battery Back-up - OC- 3 (CP) | 23.9919 |
| Florida | DS1 | P | 357C | 22 | C.P. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 22 | C.P. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 22 | C.P. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface STS-1 on OC- 3 | 281.1972 |

*TOTAL WGT. MAT. PRICE*
*OUTPUT OF SONET MODEL TO UNE MODEL*

**INPUTS**

**DS1 LOCAL CHANNEL**

STATE: FLORIDA
DATE: OCTOBER 1997

| LINE | (A) | (B) State | (C) Basis | (D) Material Type | (E) FRC | (F) Sub-Frc | (G) Total Material | (H) Source |
|---|---|---|---|---|---|---|---|---|
| 1 | EQUIPMENT | | | | | | | |
| 2 | C.O. Interface DS1 on OC-3 - Working | FL | DS1 | H | 357C | 03 | 17.6819 | SONET Price Calculator |
| 3 | C.O. Node - OC-3 | FL | DS1 | H | 357C | 03 | 18.4611 | SONET Price Calculator |
| 4 | Battery Back-up - OC-3 (CP) | FL | DS1 | H | 357C | 19 | 29.5608 | SONET Price Calculator |
| 5 | C.P. Interface DS1 on OC-3 - Working | FL | DS1 | H | 357C | 19 | 17.6819 | SONET Price Calculator |
| 6 | C.P. Node - OC-3 | FL | DS1 | H | 357C | 19 | 21.2181 | SONET Price Calculator |
| 7 | Data Communications - OC-3 | FL | DS1 | M | 357C | 15 | 77.3463 | SONET Price Calculator |
| 8 | Fiber Building Entrance Cable - OC-3 | FL | DS1 | M | 812C | 00 | 22.6633 | SONET Price Calculator |
| 9 | Aerial Fiber - Per Wgtd Fiber Mile - OC-3 | FL | DS1 | M | 822C | 00 | 1.4671 | SONET Price Calculator |
| 10 | Buried Fiber - Per Wgtd Fiber Mile - OC-3 | FL | DS1 | M | 845C | 00 | 1.8419 | SONET Price Calculator |
| 11 | UG Fiber - Per Wgtd Fiber Mile - OC-3 | FL | DS1 | M | 85C | 00 | 2.7012 | SONET Price Calculator |
| 12 | C.O. Interface DS1 on OC-3 - Mux & Protect | FL | DS1 | P | 357C | 06 | 127.9827 | SONET Price Calculator |
| 13 | C.O. Node - OC-3 | FL | DS1 | P | 357C | 06 | 296.8099 | SONET Price Calculator |
| 14 | C.O. Interface DS1 on OC-3 - Working | FL | DS1 | P | 357C | 09 | 138.4000 | SONET Price Calculator |
| 15 | Battery Back-up - OC-3 (CP) | FL | DS1 | P | 357C | 22 | 23.9919 | SONET Price Calculator |
| 16 | C.P. Interface DS1 on OC-3 - Mux & Protect | FL | DS1 | P | 357C | 22 | 127.9827 | SONET Price Calculator |
| 17 | C.P. Node - OC-3 | FL | DS1 | P | 357C | 22 | 296.8099 | SONET Price Calculator |
| 18 | C.P. Interface DS1 on OC-3 - Working | FL | DS1 | P | 357C | 25 | 138.4000 | SONET Price Calculator |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | FIBER STRANDS PER RING | FL | | | | | | |
| 23 | | | | | | | 3 | NETWORK |
| 24 | STATE AVG. LOOP LENGTH (FT) | FL | | | | | | |
| 25 | | | | | | | 5,480 | CRIS DATA BASE |
| 26 | RATIO OF CIRCUMFERENCE TO THE DIAMETER | | | | | | | |
| 27 | OF A CIRCLE | | | | | | 3.14 | PI |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | M = MATERIAL | | | | | | | |
| 31 | H = HARDWIRE | | | | | | | |
| 32 | P = PLUG IN | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |
| 35 | | | | | | | | |

**NONRECURRING LABOR**

| LINE | DESCRIPTION | JFC/ PAYBAND | INSTALL WORKTIMES (HRS) FIRST | ADDTL | DISCONNECT WORKTIMES (HRS) FIRST | ADDTL | SOURCE |
|---|---|---|---|---|---|---|---|
| 39 | SERVICE ORDER | | | | | | |
| 40 | CUST PT OF CONT (ICSC) | 2300 | 1.1007 | 0.0417 | 0.5333 | 0.0417 | NETWORK |
| 41 | CO INSTALL & MTCE FIELD | 431X | 0.0417 | 0.0000 | 0.0417 | 0.0000 | NETWORK |
| 42 | ACC CUST ADV CTR (ACAC) | 471X | 0.0633 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 43 | CKT PROV GRP (CPG) | 470X | 0.1333 | 0.0000 | 0.0333 | 0.0000 | NETWORK |
| 44 | WORK MGT CTR (WMC) | 4WXX | 0.3577 | 0.1720 | 0.0000 | 0.0000 | NETWORK |
| 45 | INST & MTCE-SP SVC (SSIM) | 411X | 0.3072 | 0.0000 | 0.1667 | 0.0000 | NETWORK |
| 46 | | | | | | | |
| 47 | ENGINEERING | | | | | | |
| 48 | OSP ENG (FG30) | 32XX | 3.0000 | 3.0000 | 0.0000 | 0.0000 | NETWORK |
| 49 | CKT PROV GRP (CPG) | 470X | 0.4917 | 0.4917 | 0.0250 | 0.0250 | NETWORK |
| 50 | ADD & FAC INVENT (AFIG) | 400X | 0.0163 | 0.0155 | 0.0000 | 0.0000 | NETWORK |
| 51 | NTWK PLUG-IN ADMIN (PICS) | 341X | 0.0500 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 52 | | | | | | | |
| 53 | CONNECT & TEST | | | | | | |
| 54 | CO INSTALL & MTCE FIELD | 431X | 0.4167 | 0.4167 | 0.1667 | 0.1667 | NETWORK |
| 55 | INST & MTCE-SP SVC (SSIM) | 411X | 2.1333 | 2.1333 | 0.3333 | 0.3333 | NETWORK |
| 56 | ACC CUST ADV CTR (ACAC) | 471X | 0.6500 | 0.6500 | 0.0000 | 0.0000 | NETWORK |
| 57 | | | | | | | |
| 58 | TRAVEL | | | | | | |
| 59 | INST & MTCE-SP SVC (SSIM) | 411X | 0.3000 | 0.0000 | 0.0000 | 0.0000 | NETWORK |
| 60 | | | | | | | |
| 61 | | | | | | | |
| 62 | COST ELEMENT LIFE IN MONTHS | 42 | | | | | |

LCLCDS1.xls

6

10/20/97 4:41 PM

18

**DS1 LOCAL CHANNEL**
**1997-1999 LEVEL**

STATE: FLORIDA
WORKPAPER: 311
PAGE: 1 of 1
DATE: OCTOBER 1997

**DESIGN 1 ELECTRONICS - OC 3**

| LINE NO | TYPE EQUIPMENT | TYPE SYSTEM | FRC | SUB-FRC | SOURCE | UTILIZED MATERIAL |
|---|---|---|---|---|---|---|
| | **CENTRAL OFFICE** | | | | | |
| 1 | C.O. Interface DS1 on OC-3 - Working | OC-3 | 357C | 03 | INPUT SHEET LINE 2, COL. G | $ 17.682 |
| 2 | C.O. Interface DS1 on OC-3 - Working | OC-3 | 357C | 09 | INPUT SHEET LINE 14, COL. G | $ 138.400 |
| 3 | | | | | | |
| 4 | C.O. Interface DS1 on OC-3 - Mux & Protect | OC-3 | 357C | 06 | INPUT SHEET LINE 12, COL. G | $ 127.983 |
| 5 | | | | | | |
| 6 | C.O. Node - OC-3 | OC-3 | 357C | 03 | INPUT SHEET LINE 3, COL. G | $ 18.461 |
| 7 | C.O. Node - OC-3 | OC-3 | 357C | 06 | INPUT SHEET LINE 13, COL. G | $ 298.807 |
| 8 | | | | | | |
| 9 | Data Communications - OC-3 | OC-3 | 357C | 15 | INPUT SHEET LINE 7, COL. G | $ 77.346 |
| 10 | | | | | | |
| 11 | | | | TOTAL | SUM LINES 1 THRU 9 | $ 676.679 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | FROM INPUT SHEET | |
| 15 | | | | | | |
| 16 | **POINT OF TERMINATION (CP)** | | | | | |
| 17 | | | | | | |
| 18 | C.P. Interface DS1 on OC-3 - Working | OC-3 | 357C | 19 | INPUT SHEET LINE 5, COL. G | $ 17.682 |
| 19 | C.P. Interface DS1 on OC-3 - Working | OC-3 | 357C | 25 | INPUT SHEET LINE 18, COL. G | $ 138.400 |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | C.P. Interface DS1 on OC-3 - Mux & Protect | OC-3 | 357C | 22 | INPUT SHEET LINE 16, COL. G | $ 127.983 |
| 23 | | | | | | |
| 24 | Battery Back-up - OC-3 (CP) | OC-3 | 357C | 19 | INPUT SHEET LINE 4, COL. G | $ 29.581 |
| 25 | Battery Back-up - OC-3 (CP) | OC-3 | 357C | 22 | INPUT SHEET LINE 15, COL. G | $ 23.992 |
| 26 | | | | | | |
| 27 | C.P. Node - OC-3 | OC-3 | 357C | 19 | INPUT SHEET LINE 6, COL. G | $ 21.218 |
| 28 | C.P. Node - OC-3 | OC-3 | 357C | 22 | INPUT SHEET LINE 17, COL. G | $ 298.807 |
| 29 | | | | | | |
| 30 | Fiber Building Entrance Cable - OC-3 | OC-3 | 812C | 00 | INPUT SHEET LINE 8, COL. G | $ 22.663 |
| 31 | | | | | | |
| 32 | | | | TOTAL | SUM LINES 18 THRU 30 | $ 680.306 |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | **SUMMARY BY FRC** | | | | | |
| 40 | **DS1 LOCAL CHANNEL ELECTRONICS** | | | | | |
| 41 | | | | | | |
| 42 | Digtl Circ C.O. - Hardwired | | 357C | 03 | LINES 1, 6 | $ 36.143 |
| 43 | Digtl Circ C.O. - Com. Plug-in | | 357C | 06 | LINE 4, 7 | $ 426.790 |
| 44 | Digtl Circ C.O. - Def. Plug-in | | 357C | 09 | LINE 2 | $ 138.400 |
| 45 | Digtl Circ C.O. - Combined | | 357C | 15 | LINE 9 | $ 77.346 |
| 46 | Digtl Circ Prem - Hardwired | | 357C | 19 | LINES 18, 24, 27 | $ 68.481 |
| 47 | Digtl Circ Prem - Com. Plug-in | | 357C | 22 | LINES 22, 25, 28 | $ 450.781 |
| 48 | Digtl Circ Prem - Def. Plug-in | | 357C | 25 | LINE 19 | $ 138.400 |
| 49 | Aerial Ca - Fiber - Bdg. Entrance | | 812C | 00 | LINE 30 | $ 22.663 |
| 50 | TOTAL DS1 LOCAL CHANNEL ELECTRONICS | | | | SUM LINES 42 THRU 49 | $ 1,358.965 |

LCLCOS1.xls

| | 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. | | | | | | |
| | | | | | | | |
| | | | | Volume | Volume | | |
| | Cost | | Sub | Sensitive | Insensitive | | |
| State | Element # | FRC | FRC | $ Amount | $ Amount | | |
| FL | G.6.1 | 357C | 03 | 36.143 | | | |
| FL | G.6.1 | 357C | 06 | 426.790 | | | |
| FL | G.6.1 | 357C | 09 | 138.400 | | | |
| FL | G.6.1 | 357C | 15 | 77.346 | | | |
| FL | G.6.1 | 357C | 19 | 68.461 | | | |
| FL | G.6.1 | 357C | 22 | 450.781 | | | |
| FL | G.6.1 | 357C | 25 | 138.400 | | | |
| FL | G.6.1 | 812C | 00 | 22.663 | | | |
| FL | G.6.1 | 822C | 00 | 14.343 | | | |
| FL | G.6.1 | 85C | 00 | 26.409 | | | |
| FL | G.6.1 | 845C | 00 | 18.007 | | | |
| | END | | | | | | |

*OUTPUT FROM UNE STUDY TO TELRIC ENGINE*

⑧

LCLCDS1.xls

10/20/97 4:41 PM

| | 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. | | | | | | |
| | | | | | | | |
| | | | | Volume | Volume | | |
| | Cost | | Sub | Sensitive | Insensitive | | |
| State | Element # | FRC | FRC | $ Amount | $ Amount | | |
| FL | G.6.1 | 357C | 03 | 36.143 | | | |
| FL | G.6.1 | 357C | 06 | 426.790 | | | |
| FL | G.6.1 | 357C | 09 | 138.400 | | | |
| FL | G.6.1 | 357C | 15 | 77.346 | | | |
| FL | G.6.1 | 357C | 19 | 68.461 | | | |
| FL | G.6.1 | 357C | 22 | 450.781 | | | |
| FL | G.6.1 | 357C | 25 | 138.400 | | | |
| FL | G.6.1 | 812C | 00 | 22.663 | | | |
| FL | G.6.1 | 822C | 00 | 14.343 | | | |
| FL | G.6.1 | 85C | 00 | 26.409 | | | |
| FL | G.6.1 | 845C | 00 | 18.007 | | | |
| | END | | | | | | |

UNE OUTPUT TO TELRIC ENGINE

THIS ENTRY IS COMPRISED OF TWO
ITEMS. $17.682 & $18.461. THIS DOCUMENT
DEALS WITH THE $18.461

(8)

# DS1 LOCAL CHANNEL
## 1997-1999 LEVEL

### DESIGN 1 ELECTRONICS - OC 3

| LINE NO. | TYPE EQUIPMENT | TYPE SYSTEM | FRC | SUB-FRC | SOURCE | UTILIZED MATERIAL |
|---|---|---|---|---|---|---|
| | **CENTRAL OFFICE** | | | | | |
| 1 | C.O. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 03 | INPUT SHEET LINE 2, COL. G | $ 17.682 ——— |
| 2 | C.O. Interface DS1 on OC -3 - Working | OC -3 | 357C | 09 | INPUT SHEET LINE 14, COL. G | $ 138.400 ——— |
| 3 | | | | | | |
| 4 | C.O. Interface DS1 on OC- 3 - Mux & Protect | OC -3 | 357C | 06 | INPUT SHEET LINE 12, COL. G | $ 127.983 |
| 5 | | | | | | |
| 6 | C.O. Node - OC- 3 | OC -3 | 357C | 03 | INPUT SHEET LINE 3, COL. G | $ 18.461——— |
| 7 | C.O. Node - OC- 3 | OC -3 | 357C | 06 | INPUT SHEET LINE 13, COL. G | $ 298.807 |
| 8 | | | | | | |
| 9 | Data Communications - OC- 3 | OC -3 | 357C | 15 | INPUT SHEET LINE 7, COL. G | $ 77.346 |
| 10 | | | | | | |
| 11 | | | | TOTAL | SUM LINES 1 THRU 9 | $ 678.679 |
| 12 | | | | | | |
| 13 | | | | | | |
| 14 | | | | | | |
| 15 | | | | | | |
| 16 | **POINT OF TERMINATION (CP)** | | | | | |
| 17 | | | | | | |
| 18 | C.P. Interface DS1 on OC- 3 - Working | OC -3 | 357C | 19 | INPUT SHEET LINE 5, COL. G | $ 17.682 |
| 19 | C.P. Interface DS1 on OC -3 - Working | OC -3 | 357C | 25 | INPUT SHEET LINE 16, COL. G | $ 138.400 |
| 20 | | | | | | |
| 21 | | | | | | |
| 22 | C.P. Interface DS1 on OC- 3 - Mux & Protect | OC -3 | 357C | 22 | INPUT SHEET LINE 16, COL. G | $ 127.983 |
| 23 | | | | | | |
| 24 | Battery Back-up - OC- 3 (CP) | OC -3 | 357C | 19 | INPUT SHEET LINE 4, COL. G | $ 29.561 |
| 25 | Battery Back-up - OC- 3 (CP) | OC -3 | 357C | 22 | INPUT SHEET LINE 15, COL. G | $ 23.992 |
| 26 | | | | | | |
| 27 | C.P. Node - OC- 3 | OC -3 | 357C | 19 | INPUT SHEET LINE 6, COL. G | $ 21.218 |
| 28 | C.P. Node - OC- 3 | OC -3 | 357C | 22 | INPUT SHEET LINE 17, COL. G | $ 298.807 |
| 29 | | | | | | |
| 30 | Fiber Building Entrance Cable - OC- 3 | OC -3 | 812C | 00 | INPUT SHEET LINE 8, COL. G | $ 22.683 |
| 31 | | | | | | |
| 32 | | | | TOTAL | SUM LINES 16 THRU 30 | $ 680.308 |
| 33 | | | | | | |
| 34 | | | | | | |
| 35 | | | | | | |
| 36 | | | | | | |
| 37 | | | | | | |
| 38 | | | | | | |
| 39 | **SUMMARY BY FRC** | | | | | |
| 40 | **DS1 LOCAL CHANNEL ELECTRONICS** | | | | | |
| 41 | | | | | | |
| 42 | Digtl Circ C.O. - Hardwired | | 357C | 03 | LINES 1, 6 | $ 36.143 |
| 43 | Digtl Circ C.O. - Com. Plug-in | | 357C | 06 | LINE 4, 7 | $ 426.790 |
| 44 | Digtl Circ C.O. - Def. Plug-in | | 357C | 09 | LINE 2 | $ 138.400 |
| 45 | Digtl Circ C.O. - Combined | | 357C | 15 | LINE 9 | $ 77.346 |
| 46 | Digtl Circ Prem - Hardwired | | 357C | 19 | LINES 18, 24, 27 | $ 68.461 |
| 47 | Digtl Circ Prem - Com. Plug-in | | 357C | 22 | LINES 22, 25, 28 | $ 450.781 |
| 48 | Digtl Circ Prem - Def. Plug-in | | 357C | 25 | LINE 19 | $ 138.400 |
| 49 | Aerial Ca - Fiber - Bdg. Entrance | | 812C | 00 | LINE 30 | $ 22.683 |
| 50 | TOTAL DS1 LOCAL CHANNEL ELECTRONICS | | | | SUM LINES 42 THRU 49 | $ 1,358.985 |

*FROM INPUT SHEET*

| LINE | INPUTS / DS1 LOCAL CHANNEL (A) | (B) State | (C) Basis | (D) Material Type | (E) FRC | (F) Sub-Frc | (G) Total Material | (H) Source |
|---|---|---|---|---|---|---|---|---|
| 1 | EQUIPMENT | | | | | | | |
| 2 | C.O. Interface DS1 on OC-3 - Working | FL | DS1 | H | 357C | 03 | 17.8819 | SONET Price Calculator |
| 3 | C.O. Node - OC-3 | FL | DS1 | H | 357C | 03 | 18.4811 | SONET Price Calculator |
| 4 | Battery Back-up - OC-3 (CP) | FL | DS1 | H | 357C | 19 | 20.8606 | SONET Price Calculator |
| 5 | C.P. Interface DS1 on OC-3 - Working | FL | DS1 | H | 357C | 19 | 17.8819 | SONET Price Calculator |
| 6 | C.P. Node - OC-3 | FL | DS1 | H | 357C | 19 | 21.2181 | SONET Price Calculator |
| 7 | Data Communications - OC-3 | FL | DS1 | M | 357C | 16 | 77.3463 | SONET Price Calculator |
| 8 | Fiber Building Entrance Cable - OC-3 | FL | DS1 | M | 612C | 00 | 22.6633 | SONET Price Calculator |
| 9 | Aerial Fiber - Per Wgld Fiber Mile - OC-3 | FL | DS1 | M | 822C | 00 | 1.4871 | SONET Price Calculator |
| 10 | Buried Fiber - Per Wgld Fiber Mile - OC-3 | FL | DS1 | M | 845C | 00 | 1.8419 | SONET Price Calculator |
| 11 | UG Fiber - Per Wgld Fiber Mile - OC-3 | FL | DS1 | M | 86C | 00 | 2.7012 | SONET Price Calculator |
| 12 | C.O. Interface DS1 on OC-3 - Mux & Protect | FL | DS1 | P | 357C | 06 | 127.9627 | SONET Price Calculator |
| 13 | C.O. Node - OC-3 | FL | DS1 | P | 357C | 06 | 298.8066 | SONET Price Calculator |
| 14 | C.O. Interface DS1 on OC-3 - Working | FL | DS1 | P | 357C | 09 | 138.4000 | SONET Price Calculator |
| 15 | Battery Back-up - OC-3 (CP) | FL | DS1 | P | 357C | 22 | 23.9919 | SONET Price Calculator |
| 16 | C.P. Interface DS1 on OC-3 - Mux & Protect | FL | DS1 | P | 357C | 22 | 127.9627 | SONET Price Calculator |
| 17 | C.P. Node - OC-3 | FL | DS1 | P | 357C | 22 | 298.8066 | SONET Price Calculator |
| 18 | C.P. Interface DS1 on OC-3 - Working | FL | DS1 | P | 357C | 25 | 138.4000 | SONET Price Calculator |
| 19 | | | | | | | | |
| 20 | | | | | | | | |
| 21 | | | | | | | | |
| 22 | FIBER STRANDS PER RING | FL | | | | | 3 | NETWORK |
| 23 | | | | | | | | |
| 24 | STATE AVG. LOOP LENGTH (FT) | FL | | | | | 5,480 | CRIS DATA BASE |
| 25 | | | | | | | | |
| 26 | RATIO OF CIRCUMFERENCE TO THE DIAMETER | | | | | | 3.14 | PI |
| 27 | OF A CIRCLE | | | | | | | |
| 28 | | | | | | | | |
| 29 | | | | | | | | |
| 30 | M = MATERIAL | | | | | | | |
| 31 | H = HARDWIRE | | | | | | | |
| 32 | P = PLUG IN | | | | | | | |
| 33 | | | | | | | | |
| 34 | | | | | | | | |

| LINE | NONRECURRING LABOR | JFC/ PAYBAND | INSTALL WORKTIMES (HRS) FIRST | ADDTL | DISCONNECT WORKTIMES (HRS) FIRST | ADDTL | SOURCE | |
|---|---|---|---|---|---|---|---|---|
| 35 | NONRECURRING LABOR | | | | | | | |
| 36 | | | INSTALL | | DISCONNECT | | | |
| 37 | | JFC/ | WORKTIMES (HRS) | | WORKTIMES (HRS) | | | |
| 38 | DESCRIPTION | PAYBAND | FIRST | ADDTL | FIRST | ADDTL | SOURCE | |
| 39 | SERVICE ORDER | | | | | | | |
| 40 | CUST PT OF CONT (ICSC) | 2300 | 1.1007 | 0.0417 | 0.5333 | 0.0417 | NETWORK | |
| 41 | CO INSTALL & MTCE FIELD | 431X | 0.0417 | 0.0000 | 0.0417 | 0.0000 | NETWORK | |
| 42 | ACC CUST ADV CTR (ACAC) | 471X | 0.0833 | 0.0000 | 0.0000 | 0.0000 | NETWORK | |
| 43 | CKT PROV GRP (CPG) | 470X | 0.1333 | 0.0000 | 0.0333 | 0.0000 | NETWORK | |
| 44 | WORK MGT CTR (WMC) | 6MXX | 0.3577 | 0.1720 | 0.0000 | 0.0000 | NETWORK | |
| 45 | INST & MTCE-SP SVC (SSIM) | 411X | 0.3072 | 0.0000 | 0.1867 | 0.0000 | NETWORK | |
| 46 | | | | | | | | |
| 47 | ENGINEERING | | | | | | | |
| 48 | OSP ENG (FG30) | 32XX | 3.0000 | 3.0000 | 0.0000 | 0.0000 | NETWORK | |
| 49 | CKT PROV GRP (CPG) | 470X | 0.4917 | 0.4917 | 0.0250 | 0.0250 | NETWORK | |
| 50 | ADD & FAC INVENT (AFIG) | 400X | 0.0163 | 0.0155 | 0.0000 | 0.0000 | NETWORK | |
| 51 | NTWK PLUG-IN ADMIN (PICS) | 341X | 0.0600 | 0.0000 | 0.0000 | 0.0000 | NETWORK | |
| 52 | | | | | | | | |
| 53 | CONNECT & TEST | | | | | | | |
| 54 | CO INSTALL & MTCE FIELD | 431X | 0.4167 | 0.4167 | 0.1667 | 0.1667 | NETWORK | |
| 55 | INST & MTCE-SP SVC (SSIM) | 411X | 2.1333 | 2.1333 | 0.3333 | 0.3333 | NETWORK | |
| 56 | ACC CUST ADV CTR (ACAC) | 471X | 0.6600 | 0.6600 | 0.0000 | 0.0000 | NETWORK | |
| 57 | | | | | | | | |
| 58 | TRAVEL | | | | | | | |
| 59 | INST & MTCE-SP SVC (SSIM) | 411X | 0.3000 | 0.0000 | 0.0000 | 0.0000 | NETWORK | |
| 60 | | | | | | | | |
| 61 | | | | | | | | |
| 62 | COST ELEMENT LIFE IN MONTHS | 42 | | | | | | |

OUTPUT FROM SONET MODEL

⑥

| State | Nvst Basis | Invst Type | FRC | Sub-Frc | Fundamental | Total Mat Price |
|-------|-----------|-----------|------|---------|-------------|-----------------|
| Florida | DS1 | H | 357C | 03 | C.O. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 03 | C.O. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 03 | C.O. Node - OC- 3 | 18.4611 |
| Florida | DS1 | H | 357C | 03 | C.O. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | H | 357C | 19 | Battery Back-up - OC- 3 (CP) | 29.5608 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface DS1 on OC- 3 - Working | 17.6819 |
| Florida | DS1 | H | 357C | 19 | C.P. Interface STS-1 on OC- 3 | 12.0197 |
| Florida | DS1 | H | 357C | 19 | C.P. Node - OC- 3 | 21.2181 |
| Florida | DS1 | H | 357C | 19 | C.P. SONET Mux - OC- 3 | 5.8820 |
| Florida | DS1 | M | 357C | 15 | Data Communications - OC- 3 | 77.3463 |
| Florida | DS1 | M | 812C | 00 | Fiber Building Entrance Cable (IO) - OC- 3 | 22.6633 |
| Florida | DS1 | M | 822C | 00 | Aerial Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.4671 |
| Florida | DS1 | M | 845C | 00 | Buried Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 1.8419 |
| Florida | DS1 | M | 85C | 00 | UG Fiber - Per Wgtd Fiber Mile - OC- 3 (IO) | 2.7012 |
| Florida | DS1 | P | 357C | 06 | C.O. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 06 | C.O. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 06 | C.O. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 09 | C.O. Interface STS-1 on OC- 3 | 281.1972 |
| Florida | DS1 | P | 357C | 22 | Battery Back-up - OC- 3 (CP) | 23.9919 |
| Florida | DS1 | P | 357C | 22 | C.P. Interface DS1 on OC- 3 - Mux & Protect | 127.9827 |
| Florida | DS1 | P | 357C | 22 | C.P. Node - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 22 | C.P. SONET Mux - OC- 3 | 298.8069 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface DS1 on OC- 3 - Working | 138.4000 |
| Florida | DS1 | P | 357C | 25 | C.P. Interface STS-1 on OC- 3 | 281.1972 |

SONET OUTPUT TO UNE STUDIES

24

5

Melding

| State | Nvst Basis | Invst Type | FRC | Fundamental | Non-Meld Fundamental | Weighting | Mat Price | Wgt Mat Price |
|-------|-----------|-----------|------|-------------|---------------------|-----------|-----------|---------------|
| Florida | DS1 | H | 357C | C.O. Node - OC- 3 | C.O. Node - OC- 3 (DDM-2000) | 0.4 | | |
| Florida | DS1 | H | 357C | C.O. Node - OC- 3 | C.O. Node - OC- 3 (FLM-150) | 0.6 | | |

*VENDOR WEIGHTING*

*WEIGHTED MATERIAL PRICE*

(4)

| State | Primitive | Equipment | Nvst Basis | Invst Type | FRC | Fundamental | Quantity | Util Price | Total Mat Price |
|---|---|---|---|---|---|---|---|---|---|
| Florida | LGX - Fiber Termination - OC- 3 | LGX | DS1 | H | 357C | C.O. Node - OC- 3 (DDM-2000) | 4 | | |
| Florida | DDM-2000 OC-3 - Hardwire | Lucent DDM-2000 OC-3 UPSR | DS1 | H | 357C | C.O. Node - OC- 3 (DDM-2000) | 1 | | |
| Florida | Pigtail - OC- 3 | Pigtail | DS1 | H | 357C | C.O. Node - OC- 3 (DDM-2000) | 4 | | |
| Florida | Fiber Jumper - OC- 3 | Fiber Jumper | DS1 | H | 357C | C.O. Node - OC- 3 (FLM-150) | 4 | | |
| Florida | FLM-150 - Hardwire | Fujitsu FLM-150 OC-3 UPSR | DS1 | H | 357C | C.O. Node - OC- 3 (FLM-150) | 1 | | |
| Florida | LGX - Fiber Termination - OC- 3 | LGX | DS1 | H | 357C | C.O. Node - OC- 3 (FLM-150) | 4 | | |
| Florida | Pigtail - OC- 3 | Pigtail | DS1 | H | 357C | C.O. Node - OC- 3 (FLM-150) | 4 | | |

UTILIZED PRICE

26

3

fprmprt

| Fundamental | State | Primitive | Equipment | Part Name | Nvst Basis | Invst Type | FRC | Mat Price | Quantity | Tot Price | Capacity | Unit Price | Utilization | Util Price |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | OC-3 Shelf Assembly | DS1 | H | 357C | | 1 | 1 | 84 | | 0.457 | |
| C.O. Node - OC- 3 (DDM-2000) | Florida | DDM-2000 OC-3 - Hardwire | Lucent DDM-2000 OC-3 UPSR | Fiber Termination - LGX | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (DDM-2000) | Florida | LGX - Fiber Termination - OC- 3 | LGX | Pigtail | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (DDM-2000) | Florida | Pigtail - OC- 3 | Pigtail | 150 ADM Shelf | DS1 | H | 357C | | 1 | | 84 | | 0.457 | $ |
| C.O. Node - OC- 3 (FLM-150) | Florida | FLM-150 - Hardwire | Fujitsu FLM-150 OC-3 UPSR | Heat Baffle/Fiber Tray | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (FLM-150) | Florida | FLM-150 - Hardwire | Fujitsu FLM-150 OC-3 UPSR | Fiber Jumper | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (FLM-150) | Florida | Fiber Jumper - OC- 3 | Fiber Jumper | Fiber Termination - LGX | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (FLM-150) | Florida | LGX - Fiber Termination - OC- 3 | LGX | Pigtail | DS1 | H | 357C | | 1 | | 84 | | 0.457 | |
| C.O. Node - OC- 3 (FLM-150) | Florida | Pigtail - OC- 3 | Pigtail | | DS1 | H | 357C | | | | | | | |

MATERIAL PRICE

fprmprt.xls

MISCELLANEOUS EQUIPMENT

| PID NUMBER | EQUIPMENT DESCRIPTION | CAPACITY IF APPLICABLE | MATERIAL COST/UNIT | INSTALLED COST | REMARKS | MATERIAL PRICE SOURCE |
|---|---|---|---|---|---|---|
| 405-361-844 | 6. MAIN DISTRIBUTING FRAME - 9' E/W: | 400 PAIRS | | | | AT&T CONTRACT |
| 103-900-049 | 303A4100 CONNECTORS (4) | | | | | |
| | PROTECTORS (400) | | | | | |
| 103-666-707 | 89E1B128 CONNECTING BLOCKS (3) | | | | | |
| | FULLY EQUIPPED COST | | | | | |
| | COST PER PAIR | | | | | |
| J98725F1 | 7. 7'-0" OFFICE REPEATER BAY E/W: | | | | | AT&T CONTRACT |
| 405-630-195 | ORDER WIRE PANEL | | | | | |
| 405-888-967 | REPEATER SHELF | 6 SHELVES | | | | |
| T1R1HOA | 231P CO REPEATER | 13 RPTR/SHELF | | | | |
| | FULLY EQUIPPED COST | | | | | |
| | COST PER T-1 | | | | | |
| | FULLY EQUIPPED COST (W/O REPEATERS) | | | | | |
| 607-921-350 | 8. PIGTAIL (900 MICRON SC - 30') | | | | | CONTRACT |
| | (ALCOA FUJIKURA) | | | | | |
| 063-921-185 | 9. JUMPER (SC-SC - 30'/SEICOR) | | | | | CONTRACT |
| 106-455-355 | 10. LIGHTGUIDE SHELF COMB. (LSC2U-024) | 24 FIBERS | | | | AT&T CONTRACT |
| 106-335-822 | LIGHTGUIDE SHELF COMB. (LSC1U-072) | 72 FIBERS | | | | |
| 106-335-798 | LIGHTGUIDE SHELF COMB. (LSC1U-144) | 144 FIBERS | | | | |
| 106-642-911 | 11. OPT. CABLE ENTRANCE FACILITY (SM) (OCEF) | 288 FIBERS | | | | AT&T CONTRACT |
| 106-642-937 | OPT. CABLE ENTRANCE FACILITY (LG) (OCEF) | 720 FIBERS | | | | |
| ED6C321-50 | 12. LIGHTGUIDE DIST. FRAME (LGXDF)-INCLUDES: | | | | | AT&T CONTRACT |
| | 1-7' BAY FRAME (601-019-466) AND 1-SET OF | | | | | |
| | LGX METAL FRAME PARTS (601-248-354) | | | | | |
| 106-335-871 | 13. LIGHTGUIDE SHELF TERM. (LST1U-072) | 72 FIBERS | | | | AT&T CONTRACT |
| 106-335-806 | LIGHTGUIDE SHELF SPICE (LSS1U-072) | | | | | |
| 106-335-772 | LIGHTGUIDE SHELF SPICE (LSS1U-144) | | | | | |
| 106-361-448 | LIGHTGUIDE SHELF SPICE (LSS1U-216)RIBBON | | | | | |
| 106-703-200 | COUPLING - C6000A SMSC | | | | | |
| 106-430-606 | LIGHTGUIDE CONN. MOD. (LCM1-12-SC-SXXU) | | | | | |
| 106-744-154 | FANOUT-MINI (3C) | | | | | |
| 106-573-215 | PRETERMINATED LIGHTGUIDE SHELF - 24 | | | | | |
| | (8.3, SC, UNCONNECTORIZED, 24 FIBERS) | | | | | |
| 106-529-290 | PRETERMINATED LIGHTGUIDE SHELF - 72 | | | | | |
| | (8.3, SC, UNCONNECTORIZED, 72 FIBERS) | | | | | |
| 106-573-744 | PRETERMINATED LIGHTGUIDE SHELF - 144 | | | | | |
| | (8.3, SC, UNCONNECTORIZED, 144 FIBERS) | | | | | |
| 106-573-884 | PRETERMINATED LIGHTGUIDE SHELF - 216 | | | | | |
| | (8.3, SC, UNCONNECTORIZED, 216 FIBERS) | | | | | |

PIGTAIL

JUMPER

LGX

1995 TPI APPLIES
.994703

MATERIAL PRICES

28

17-Mar-95 DATE

MISCELEC.WK3

NCG/ATL

(1)

**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 | 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 | | | | | | | | | | | | |

MATERIAL  PRICE

**Lucent DDM-2000 OC-3 UPSR**

| Functional Name | Product Code | CLEI Code | BST Unit Price | Shelf & Commons | 28 DS1 QTY | 56 DS1 QTY | 84 DS1 QTY | 1 DS3 QTY | 2 DS3 QTY | 3 DS3 QTY | 1 DS3 / 56 DS1 QTY | 2 DS3 / 28 DS1 QTY |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Shelf Assembly | ED-8C724-30 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Bay e/w 1 OC-3 shelf and heat baffle | | | — | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Full Electrical Cabling | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Lot Fiber Jumpers | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 IS-3 OLIU (SR LED) | 22D-U OLIU | SNCMVE0xx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 OLIU | 21G-U OLIU | SNTRABCxx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 OLIU w/TSI (IR) | 22F2-U | SNI23Z0xx | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| OC-3 OLIU w/TSI (LR) | 22G2-U | SNTRFBXxx | | | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| Synchronous Timing Generator | BBF2B | SNPQA16xx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| System Controller (R3-R7) | BBG5 | DMPQO0Wxx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Overhead Controller (R3-R7) | BBG7 | DMPQ0AJxx | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| System Controller (R8-R9) | BBG8 | SNC11W0xx | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| Overhead Controller (R8-R9) | BBG9 | SNC11VLxx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Release 8 Software | ED-8C724-30G1 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Release 7 Software | ED-8C724-38G1 | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| OC-3 Release 9 Software | ED-8C724-40G1 | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-3 Release 11 Software | | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| OC-1 OLIU FiberReach | 27G-U | SNPQWACxx | | | 0 | 2 | 4 | 6 | 0 | 0 | 4 | 2 |
| VT-to-STS-1 multiplexer | BBG2 | SNCMAA2xx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| DS1 LS Card w/o PM | BBF1B | SNCLA70xx | | | 0 | 8 | 16 | 24 | 0 | 0 | 16 | 8 |
| DS1 LS Card w/ PM | BBF3 | SNPQAM4xx | | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Retainer Card (unused slots of a partially equipped LS group) | 177A | SNPQWACxx | | | 0 | 0 | 0 | 0 | 2 | 4 | 6 | 2 | 4 |
| DS3 low-speed interface | BBG4B | SNCLBBBxx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| STS1E LS & HS | BBG6 | SNPQWAExx | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total | | | | | | | | | | | | |

MATERIAL     PRICE

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