South Dakota Public Utilities Commission
Docket No. TC 01_____
Qwest Corporation

Attachment 17

Study No. 5172
CLASS Call Trace

Qwest

# QWEST

## SOUTH DAKOTA

## CLASS - CALL TRACE

## TELRIC

## Study ID: 5172

## RECURRING COST STUDY

## JULY 2001

MSEA

Market Services And Economic Analysis Organization

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# Section 1

# Study Output

# A. PURPOSE, SCOPE, AND APPLICATION

The purpose of this study is to estimate the long run incremental costs Qwest will incur to provide the Custom Local Area Signaling Services (CLASS) feature Call Trace.

Costs are stated on a service element basis.

# B. DESCRIPTION OF SERVICE

Call Trace enables customers to automatically trace the last incoming call. To trace a call, the subscriber goes off-hook, receives dial tone, and dials the Call Trace access code. Once the code is dialed the subscriber proceeds through a one- or two-stage activation procedure.

When the trace has been completed, the subsciber receives a Call Trace success announcement, such as "You have successfully traced your last incoming call. Please contact your phone company for further assistance." (Information about a traced call is made available to the service provider or to an agency the provider designates, not to the subscriber who initiated the trace.)

If the trace was successful, the information is forwarded to the QWEST Call Identification Cente (CIC). Customers are advised via an announcement to call the CIC for further assistance.

# C. STUDY METHODOLOGY

The costs that are identified are direct costs that occur as a result of providing Call Trace. These include digital central office switch costs in the subscriber's serving wire center.

Central office switching feature costs are calculated by first determining incremental switching feature investments. These feature investments are obtained through the use of the Qwest Switching Cost Model (SCM) for digital stored program controlled central offices. Full details of this program are found in the model description tab.

The switch investments include processor time, memory, and hardware appropriate for each feature. The investments are converted to monthly costs using monthly cost factors, e.g. land and building, which are applied through the use of the Windows Personal Cost Calculator (WINPC3) cost program.

The WINPC3 model develops Long Run Incremental Costs (LRIC) from investments and/or expenses associated with Qwest products and services.

The investments are converted to monthly costs using monthly cost factors, which are represented as investment based and expense based. Examples of investment based factors include Capital and Ad Valorem taxes. Capital costs consist of depreciation, income tax, and cost of money. Examples of expense based factors would include administration and business fee taxes.
Examples of expense based factors would include administration and business fee taxes.

# D. DESCRIPTION OF LONG RUN INCREMENTAL COSTS

Total Element Long Run Incremental Cost (TELRIC) studies are performed by Qwest to estimate the economic cost of providing network elements. The Qwest TELRIC studies identify the forward-looking costs associated with the provision of the total quantity of a network element in the long run. The forward-looking Qwest TELRIC studies identify the costs that are likely to be incurred in the future, and consider the latest forward-looking technologies and methods of operation that are currently available. These studies are *not* embedded or historical, and do not measure the impact of prior investment decisions by the corporation. The Qwest TELRIC studies also identify the *long run* costs associated with providing a network element--reflecting a time period over which all inputs (including changes in the size of facilities, levels of investment, etc.) can be adjusted.

Qwest TELRIC studies identify recurring and nonrecurring costs. Recurring costs are the ongoing costs associated with providing a network element. Recurring costs are generally investment-related and include both capital costs and operating expenses. These costs are often presented as a cost per month or per unit of usage (e.g., minute of use) and are incurred throughout the time period the network element is provided to a customer. *Nonrecurring costs* are the

one-time costs that are incurred at the time a customer establishes, disconnects or changes service. These costs normally result from a customer order, and are predominantly labor-related.

The Qwest recurring and nonrecurring TELRIC studies identify costs on a unitized basis and disaggregates the cost results into the following components:

> Total Direct Costs are the forward-looking costs that are caused by offering the network element in the long run. These costs would not be incurred if the network elements were not offered. Total Direct Costs reflect the per-unit forward looking cost associated with providing the entire network element in the most efficient manner, holding constant the production of all other network elements produced by the firm. For recurring element costs Total Direct Costs include the capital costs (e.g., depreciation, return, taxes) and maintenance costs associated with the investment required to provision a network, along with other network element-specific costs such as product management expense. For nonrecurring costs, Total Direct Costs include the labor-related expenses

## D. DESCRIPTION OF LONG RUN INCREMENTAL COSTS (Cont.)

associated with the provision of a network element, along with other network element-specific costs such as product management expense.

Directly Attributed Costs include network administration and engineering costs and various administrative costs such as the cost of general-purpose computers and accounting and finance expenses. These costs are not directly associated with a specific network element. However, these costs vary with the provision of all network elements, and are not common to the entire firm.

Total Element Long Run Incremental Costs (TELRIC) represent the sum of Total Direct Costs and Directly Attributable Costs. This measure of costs includes the forward-looking costs incurred in the provision of a network element. This measure of costs is consistent with TELRIC as defined by the FCC.

Common Costs are associated with the enterprise as a whole. These costs do vary based on the total size of the firm, but do not vary with the provisioning of individual network elements. These costs are avoidable only with the elimination of the entire firm, and are sometimes referred to as *general overhead costs*.

Fully Allocated Costs represent the sum of Total Element Long Run Incremental Cost Cost plus Common Costs (TELRIC + CC).

## E. STUDY ASSUMPTIONS

1. All costs displayed are represented on a per line basis.

2. All recurring costs are weighted between two switch types.

3. All network investments are forward looking.

| | | |
|---|---|---|
| **Study Name** | *CLASS - CALL TRACE* | |
| **Study Requester** | *Doug Gollehon* | |
| **Type of Study** | *TELRIC* | |
| **Study ID** | *5172* | |
| **Cost Factor Group** | *Interconnection* | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| **Study Applications** | | |
| | | |
| | | |
| **Completion Date** | *July 03, 2001* | |
| **Cost Analyst** | *Dave Bacheldor* | |
| **Study Review** | **Reviewer** | **Date** |
| | *Jim DiManna* | *July 03, 2001* |
| | | |
| **Models Used** | **Model** | **Version** |
| | *Wholesale Cost Program* | *2.07* |
| | *Cost Factor Databases* | *00SD02E* |
| | *Cost Factors Model (TELRIC)* | *00V2* |
| | *SCM* | *03/21/01 (Vintage 9.21)* |
| | | |
| | | |
| | | |
| **Cost Factors Used** | **Factor** | **Effective Date** |
| | *Capital Recovery* | *01/01* |
| | *Maintenance* | *01/01* |
| | *Ad Valorem* | *01/01* |
| | *COE Land & Bldg* | *01/01* |
| | *Directly Assigned Factors* | *01/01* |
| | *Directly Attributable Factors* | *01/01* |
| | *Common* | *01/01* |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | *Cost Of Money* | *10.14%* |
| **Inflation** | | |
| **Major Cost Drivers** | | |

**Parameter File: Y:\Backup Srvr\Call Trace-Cust Init- CLASS\South Dakota\SD Call Trace TELRIC 5172.xls, Sheet "WINPC3 Parameters"**
**State(s): SD**
**Database Vintage: 00SD02E**
**Factors For: Interconnection**
**Report Type: ICM Format**
**Decimal Places: 4**
**Costs Format: Annual**
**Group Totals: Yes**
**ACF Input: Y:\Backup Srvr\Call Trace-Cust Init- CLASS\South Dakota\SD Call Trace TELRIC 5172.xls, Sheet "WINPC3 ACF Inputs"**
**ACF Output: Y:\Backup Srvr\Call Trace-Cust Init- CLASS\South Dakota\SD Call Trace TELRIC 5172.xls, Sheet "WINPC3 ACF Outputs"**
**Investment: Y:\Backup Srvr\Call Trace-Cust Init- CLASS\South Dakota\SD Call Trace TELRIC 5172.xls, Sheet "WINPC3 Investments"**
**Output: Y:\Backup Srvr\Call Trace-Cust Init- CLASS\South Dakota\SD Call Trace TELRIC 5172.xls, Sheet "WINPC3 Output"**

**State: South Dakota**

| Description | USOC | Loaded Investment | Direct Expense | Total Direct | Network Support | Directly Attributed | TELRIC | Common | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|
| CLASS - CALL TRACE | | $1.5569 | $0.6921 | $1.7568 | $0.0988 | $0.4163 | $2.1731 | $0.0982 | $2.2713 |

# Total Product Costs

| Row | 7/3/01 2:54 PM<br>South Dakota | Source or Calculation | Factor Value | CLASS - CALL TRACE |
|---|---|---|---|---|
| | | | A | B |
| 1 | **Investment** | sl r"Total" cD | | 1.5569 |
| 2 | | | | |
| 3 | ***Investment Based Costs*** | ***sl r"Total" cK*** | | 1.0022 |
| 4 | | | | |
| 5 | Direct Expenses | | | 0.6921 |
| 6 | Miscellaneous Expenses | | | 0.0000 |
| 7 | Billing & Collection - PL | | | 0.0000 |
| 8 | ***Investment Based + Direct Costs*** | | | 1.6943 |
| 9 | | | | |
| 10 | ***Directly Assigned*** | | | |
| 11 | Product Management Expense | cA*(r8-r6) | 0.025565 | 0.0433 |
| 12 | Sales Expense | cA*(r8-r6) | 0.009225 | 0.0156 |
| 13 | Product Advertising Expense | cA*(r8-r6) | 0.000000 | 0.0000 |
| 14 | Business Fees (Other Operating Taxes) | cA*(Sum(r8:r13)-r6) | 0.002025 | 0.0036 |
| 15 | ***Directly Assigned Costs*** | ***Sum r11:r14*** | | 0.0625 |
| 16 | | | | |
| 17 | ***Total Direct Costs*** | ***r8 + r15*** | | 1.7568 |
| 18 | | | | |
| 19 | ***Directly Attributed*** | | | |
| 20 | Network Operations | cA*(r17-r6) | 0.040880 | 0.0718 |
| 21 | Network Support Assets | cA*(r17-r6) | 0.015364 | 0.0270 |
| 22 | General Support Assets | cA*(r17-r6) | 0.069508 | 0.1221 |
| 23 | General Purpose Computers | cA*(r17-r6) | 0.034714 | 0.0610 |
| 24 | Uncollectible | cA*(r17-r6) | 0.000401 | 0.0007 |
| 25 | Accounting & Finance Expense | cA*(r17-r6) | 0.008839 | 0.0155 |
| 26 | Human Resources Expense | cA*(r17-r6) | 0.008145 | 0.0143 |
| 27 | Information Management Expense | cA*(r17-r6) | 0.057009 | 0.1002 |
| 28 | Intangibles | cA*(r17-r6) | 0.002091 | 0.0037 |
| 29 | ***Directly Attributed Costs*** | ***Sum r20:r28*** | | 0.4163 |
| 30 | | | | |
| 31 | ***TELRIC*** | ***r17 + r29*** | | 2.1731 |
| 32 | | | | |
| 33 | ***Common*** | | | |
| 34 | Executive Expense | cA*(r31-r6) | 0.007805 | 0.0170 |
| 35 | Planning Expense | cA*(r31-r6) | 0.000580 | 0.0013 |
| 36 | External Relations Expense | cA*(r31-r6) | 0.013029 | 0.0283 |
| 37 | Legal Expense | cA*(r31-r6) | 0.006148 | 0.0134 |
| 38 | Other Procurement Expense | cA*(r31-r6) | 0.002359 | 0.0051 |
| 39 | Research & Development Expense | cA*(r31-r6) | 0.000036 | 0.0001 |
| 40 | Other General and Admin Expense | cA*(r31-r6) | 0.015212 | 0.0331 |
| 41 | ***Common Costs*** | ***Sum r34:r40*** | | 0.0982 |
| 42 | | | | |
| 43 | ***TELRIC + Common Costs*** | ***r31 + r41*** | | 2.2713 |

7/3/01
South Dakota

**CLASS - CALL TRACE**

| Acct | FRC | Account Name | Investment | Depreciation | Cost Of Money | Income Tax | Ad Valorem | Maintenance | Feature RTU | Total Capital Costs |
|---|---|---|---|---|---|---|---|---|---|---|
| CLASS - CALL TRACE | | | | | | | | | | |
| 2212 | 377C | Digital Switch | 0.5101 | 0.0555 | 0.0232 | 0.0088 | 0.0044 | 0.0107 | 0.6516 | 0.7542 |
| 2124 | 2124 | General Purpose Computers | 1.0187 | 0.1679 | 0.0485 | 0.0183 | 0.0088 | 0.0000 | 0.0000 | 0.2436 |
| 2111 | 20C | Land | 0.0007 | 0.0000 | 0.0001 | 0.0000 | 0.0000 | 0.0000 | | 0.0001 |
| 2121 | 110C | Building | 0.0274 | 0.0007 | 0.0021 | 0.0008 | 0.0002 | 0.0006 | | 0.0044 |
| | | **Total** | **1.5569** | **0.2242** | **0.0738** | **0.0279** | **0.0134** | **0.0113** | **0.6516** | **1.0022** |

# Section 2

# Cost Calculations

**Service:** **CLASS - CALL TRACE**

| | |
|---|---|
| **State Name:** | SOUTH DAKOTA |
| State Name Abbreviation: | SD |
| **Study Year:** | 2000 |
| **Study Completion Date:** | JULY 2001 |

## SECTION A

**Switching Investments**
*Source: SCM*

| | | |
|---|---|---|
| Call Trace - Switching Investment: | | |
| Call Trace - Setup Investment | *377C* | |
| Call Trace - Recorded Announcement - Shared | *377C* | |
| Call Trace - Recorded Announcement - Svc Specific | *377C* | |

## SECTION B

**Risk Management/Disk Drive Investments**
*Source: Product Management*

| | | |
|---|---|---|
| Risk Management Mainframe - Four (4) Disk Drive Investment | *2124* | $1,120,567 |

## SECTION C

**Forecasted Demand**
*Source: Product Management*

| | |
|---|---|
| Annual Attempts/Activations | 1,100,000 |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

**Switching Cost Model (SCM) Output**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 1 | Investment | | C | | E | Total (C+E) | | |
| 2 | STUDY | CLASS | Direct | | Network Support | | | |
| 3 | LOADED | USW | 9.35251 | 0 | 3.34050754 | 12.6930 | 377C | CLASS Customer Originated Trace |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

***Setup Investment per Attempt***

| | | Source | 377C | |
|---|---|---|---|---|
| 1. | Annual Setup Investment/BH Attempt | SCM Features | $12.6930 | |
| 2. | % BH of Total Day | Product Mgmt | 10% | |
| 3. | Annual Investment/Busy Day Attempt | Ln1 * Ln2 | $1.2693 | |
| 4. | Equivalent Days/Year | Factors Group | 310.5 | |
| 5. | **Investment per Attempt** | Ln3 / Ln4 | **$0.0041** | *(to Total Switch Invest )* |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

***Recorded Announcement (RA) Shared - Custom Calling Services(CCS)/CLASS***

| | | Source | 377C |
|---|---|---|---|
| | ***SW1*** | | |
| 1. | Investment per Shared Service RA (NTS) | SCM | $1,278.4563 |
| 2. | CCS/CLASS RA Multiplier(# of RA in a CO) | SCM | 1 |
| 3. | Total CCS/CLASS RA Investment per CO | Ln1 x Ln2 | $1,278.4563 |
| 4. | # of SW1 CO's | SCM | 251 |
| 5. | Total CCS/CLASS RA Investment SW1 | Ln3 x Ln4 | $320,892.5310 |
| 6. | **Weighted Investment - SW1** | Ln5 x H15 | **$180,997.8096** |
| | ***SW2*** | | |
| 7. | Investment per Shared Service RA (NTS) | SCM | $1,148.0780 |
| 8. | CCS/CLASS RA Multiplier(# of RA in a CO) | SCM | 1 |
| 9. | Total CCS/CLASS RA Investment per CO | Ln7 x Ln8 | $1,148.0780 |
| 10. | # of SW2 CO's | SCM | 194 |
| 11. | Total CCS/CLASS RA Investment SW2 | Ln9 x Ln10 | $222,727.1326 |
| 12. | **Weighted Investment - SW2** | Ln11 x H16 | **$97,099.0196** |
| 13. | **Total Weighted Investment - SW1 & SW2** | Ln6 + Ln12 | **$278,096.8292** |
| 14. | Total Lines in Service | SCM | 14732034 |
| 15. | % Take CCS/CLASS Features | SCM | 21.00% |
| 16. | Total Lines w/ CCS/CLASS Features | Ln14 x Ln 15 | 3093727.1400 |
| 17. | BH Originating & Terminating Calls/Line | SCM | 1.7401 |
| 18. | % of Orig. & Term. Calls That Are Orig. | SCM | 50.00% |
| 19. | Total Orig. Attempts/Line in BH | Ln17 x Ln 18 | 0.8700 |
| 20. | % of BH Orig. Attempts/Line Using CCS/CLASS | Prod Mgmt | 10.00% |
| 21. | BH CCS/CLASS Attempts/Line | Ln19 x Ln20 | 0.0870 |
| 22. | Total BH CCS/CLASS Attempts | Ln 16 x Ln21 | 269165.3322 |
| 23. | Investment/BH Attempt | Ln13 / Ln22 | 1.0332 |
| 24. | BH % of Average Business Day Traffic | Prod Mgmt | 10.00% |
| 25. | Investment/ABD Attempts | Ln23 x Ln24 | 0.10331822 |
| 26. | Equivalent ABD's/Year | Factors Grp | 310.5 |
| 27. | **CCS/CLASS RA Investment Per Attempt** | Ln25 / Ln26 | **0.000332748** *(to Total Switch Invest )* |

| CO Types | CO Qty | % of Total |
|---|---|---|
| # SW1 CO's | 251 | 56.40% |
| # SW2 CO's | 194 | 43.60% |
| Total CO's | 445 | |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

***Recorded Announcement (RA) Shared - Customer Originated Trace (COT)***

| | | Source | 377C |
|---|---|---|---|
| | ***SW1*** | | |
| 1. | Investment per Shared Service RA (NTS) | SCM | $1,278.4563 |
| 2. | CCS/CLASS RA Multiplier(# of RA in a CO) | SCM | 2 |
| 3. | Total CCS/CLASS RA Investment per CO | Ln1 x Ln2 | $2,556.9126 |
| 4. | # of SW1 CO's | SCM | 251 |
| 5. | Total CCS/CLASS RA Investment SW1 | Ln3 x Ln4 | $641,785.0620 |
| 6. | **Weighted Investment - SW1** | Ln5 x H15 | **$361,995.6192** |
| | ***SW2*** | | |
| 7. | Investment per Shared Service RA (NTS) | SCM | $1,148.0780 |
| 8. | CCS/CLASS RA Multiplier(# of RA in a CO) | SCM | 2 |
| 9. | Total CCS/CLASS RA Investment per CO | Ln7 x Ln8 | $2,296.1560 |
| 10. | # of SW2 CO's | SCM | 194 |
| 11. | Total CCS/CLASS RA Investment SW2 | Ln9 x Ln10 | $445,454.2651 |
| 12. | **Weighted Investment - SW2** | Ln11 x H16 | **$194,198.0392** |
| 13. | Total Weighted Investment - SW1 & SW2 | Ln6 + Ln12 | $556,193.6584 |
| 14. | COT Annual Attempts/Activations | Prod Mgmt | 1100000 |
| 15. | **COT RA Investment per Attempt** | Ln13 / Ln14 | **0.505630599** *(to Total Switch Invest )* |

| CO Types | CO Qty | % of Total |
|---|---|---|
| # SW1 CO | 251 | 56.40% |
| # SW2 CO | 194 | 43.60% |
| Total CO's | 445 | |

## CLASS - CALL TRACE

## SOUTH DAKOTA

### *Total Switching Investment Per COT Attempt*

| | Source | 377C | |
|---|---|---|---|
| 1. Setup Investment per Attempt | *Setup Investment Tab - Ln5* | $0.0041 | |
| 2. Recorded Announcement (RA) Shared - Custom Calling Services(CCS)/CLASS | *RA-Shared CCS CLASS Tab - Ln27* | $0.0003 | |
| 3. Recorded Announcement (RA) - Customer Originated Trace (COT) | *RA-COT Tab - Ln* | $0.5056 | |
| 4. **Total Switching Investment Per COT Attempt** | *Ln1 + Ln2 + Ln3* | **$0.5101** | *(to WINPC3 Investment)* |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

***Risk Management/Disk Drive Investment Per Attempt***

| | | Source | 2124 | |
|---|---|---|---|---|
| 1. | Risk Mgmt Mainframe - Four Disk Drive Investment | Inputs - Sec B | $1,120,567.00 | |
| 2. | Forecasted Demand: Annual Attempts/Activations | Inputs - Sec D | 1,100,000 | |
| 3. | **Disk Drive Investment Per Attempt** | Ln1 / Ln2 | **$ 1.0187** | *(to WINPC3 Investment)* |

**CLASS - CALL TRACE**

**SOUTH DAKOTA**

***Security Assistant Expense Per Attempt***

| | | Source | Expense | |
|---|---|---|---|---|
| 1. | Hours for Security Asst. to Process/Mail Trace Information per Call | Prod Mgmt | 0.1083 | |
| 2. | 2000 Security Assistant Labor Rate | JFC 0147 | 37.78 | |
| 3. | Security Assistant Expense to Process/Mail Trace Information per Call | Ln1 x Ln2 | 4.092833333 | |
| 4. | Ratio of Calls: Attempts | Prod Mgmt | 16.91% | |
| 5. | **Security Assistant Expense per COT Attempt** | Ln3 x Ln4 | **$ 0.6921** | *(to WINPC3 Investment)* |

| | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| 1 | Investment | | | | | |
| 2 | STUDY | CLASS - CALL TRACE | | | | |
| 3 | DATE | 7/3/01 | | | | |
| 4 | GROUP | CLASS - CALL TRACE | | | | |
| 5 | LOADED | SD | 0.5100512747 | 0. | 0. | 377C |
| 6 | LOADED | SD | 1.0186972727 | 0. | 0. | 2124 |
| 7 | COMMON | SD | 0.6920981167 | 0. | 0. | |

| | A | B |
|---|---|---|
| 1 | Parameter | |
| 2 | SD | |
| 3 | 7 | |
| 4 | 4 | |
| 5 | Annual | 1 |
| 6 | Yes | |
| 7 | No | |
| 8 | | |
| 9 | 11 | |
| 10 | 5172 | |

WINPC3 ACF Inputs

| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ACFIN | | | | | | | | | | | | |
| 2 | 00SD02E | | | | | | | | | | | | |
| 3 | 377C | DEPR-AVG | COM-AVG | IT-AVG | MTNC-TOT | RTU-SWIT | RTU-FEAT | ADVAL | BLDG | LAND | PRODMAN | SALESEXP | ADVER |
| 4 | 20C | DEPR-AVG | COM-AVG | IT-AVG | MTNC-TOT | RTU-SWIT | RTU-FEAT | ADVAL | BLDG | LAND | PRODMAN | SALESEXP | ADVER |
| 5 | 110C | DEPR-AVG | COM-AVG | IT-AVG | MTNC-TOT | RTU-SWIT | RTU-FEAT | ADVAL | BLDG | LAND | PRODMAN | SALESEXP | ADVER |
| 6 | 2124 | DEPR-AVG | COM-AVG | IT-AVG | MTNC-TOT | RTU-SWIT | RTU-FEAT | ADVAL | BLDG | LAND | PRODMAN | SALESEXP | ADVER |

| | N | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | |
| 3 | BF | NTWKOP | NTWKST | GENLST | COMPTR | UNCOLL | ACCNT | HREXP | INTAN | EXEC | PLAN | EXTERN | INFOR | LEGAL |
| 4 | BF | NTWKOP | NTWKST | GENLST | COMPTR | UNCOLL | ACCNT | HREXP | INTAN | EXEC | PLAN | EXTERN | INFOR | LEGAL |
| 5 | BF | NTWKOP | NTWKST | GENLST | COMPTR | UNCOLL | ACCNT | HREXP | INTAN | EXEC | PLAN | EXTERN | INFOR | LEGAL |
| 6 | BF | NTWKOP | NTWKST | GENLST | COMPTR | UNCOLL | ACCNT | HREXP | INTAN | EXEC | PLAN | EXTERN | INFOR | LEGAL |

| | AB | AC | AD |
|---|---|---|---|
| 1 | | | |
| 2 | | | |
| 3 | PROCR | RDEXP | GENL |
| 4 | PROCR | RDEXP | GENL |
| 5 | PROCR | RDEXP | GENL |
| 6 | PROCR | RDEXP | GENL |

| | A | B | C | D | E | F | G | H | I | J | K | L | M |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | ACFOUT | Factors For: Interconnection | | | | | | | | | | | |
| 2 | *-Run Done With Database Vintage: 00SD02E, Dated: 02/15/01* | | | | | | | | | | | | |
| 3 | *-Wholesale Cost Program (TELRIC) Data Base released 02/01 (00SD02E).* | | | | | | | | | | | | |
| 4 | *-Factors loaded from Factors Model (Expense Module), Version 00V2.* | | | | | | | | | | | | |
| 5 | *-CAPITAL RECOVERY factors released 01/01 and based on 10.14% Cost* | | | | | | | | | | | | |
| 6 | *Of Money. No 1-10 year factors developed.* | | | | | | | | | | | | |
| 7 | *-MAINTENANCE factors released 01/01.* | | | | | | | | | | | | |
| 8 | *-RTU factors released 02/01.* | | | | | | | | | | | | |
| 9 | *-AD VALOREM Tax released 01/01.* | | | | | | | | | | | | |
| 10 | *-DIRECTLY ASSIGNED expense factors released 01/01.* | | | | | | | | | | | | |
| 11 | *-BUSINESS FEES released 01/01.* | | | | | | | | | | | | |
| 12 | *-COMMON Expense released 01/01.* | | | | | | | | | | | | |
| 13 | *-TOTAL INSTALLED FACTORS (TIF) released 01/01.* | | | | | | | | | | | | |
| 14 | *-POWER investment factors released 01/01.* | | | | | | | | | | | | |
| 15 | *-SALES TAX released 01/01.* | | | | | | | | | | | | |
| 16 | *-TELCO Engineering factors released 01/01.* | | | | | | | | | | | | |
| 17 | *-INTEREST DURING CONSTRUCTION released 01/01.* | | | | | | | | | | | | |
| 18 | *-LAND AND BUILDING factors released 01/01.* | | | | | | | | | | | | |
| 19 | *-DIRECTLY ATTRIBUTABLE expense factors released 01/01.* | | | | | | | | | | | | |
| 20 | *-SALES EXPENSE factor released 01/01.* | | | | | | | | | | | | |
| 21 | *-PRODUCT MANAGEMENT factor released 01/01.* | | | | | | | | | | | | |
| 22 | *-BILLING & COLLECTION factor released 01/01.* | | | | | | | | | | | | |
| 23 | *-PROVISIONING factors released 01/01.* | | | | | | | | | | | | |
| 24 | *-TELEPHONE PLANT INDEX released 01/01.* | | | | | | | | | | | | |
| 25 | *-STRUCTURE RATIO released 01/01.* | | | | | | | | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | | | | | | | | | | | | | | |
| 38 | State: | South Dakota | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | |
| 40 | ACCOUNTS | DEPR-AVG | COM-AVG | IT-AVG | MTNC-TOT | RTU-SWIT | RTU-FEAT | ADVAL | BLDG | LAND | PRODMAN | SALESEXP | ADVER | BF |
| 41 | 377C | 0.108910 | 0.045445 | 0.017186 | 0.020939 | 0.000000 | 0.054300 | 0.008613 | 0.053700 | 0.001400 | 0.025565 | 0.009225 | 0.000000 | 0.002025 |
| 42 | 20C | 0.000000 | 0.096506 | 0.036495 | 0.022353 | 0.000000 | 0.000000 | 0.008613 | 0.000000 | 0.000000 | 0.025565 | 0.009225 | 0.000000 | 0.002025 |
| 43 | 110C | 0.025821 | 0.074869 | 0.028313 | 0.022353 | 0.000000 | 0.000000 | 0.008613 | 0.000000 | 0.000000 | 0.025565 | 0.009225 | 0.000000 | 0.002025 |
| 44 | 2124 | 0.164850 | 0.047620 | 0.018008 | 0.000000 | 0.000000 | 0.000000 | 0.008613 | 0.000000 | 0.000000 | 0.025565 | 0.009225 | 0.000000 | 0.002025 |
| 45 | | | | | | | | | | | | | | |

| | O | P | Q | R | S | T | U | V | W | X | Y | Z | AA | AB |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 37 | | | | | | | | | | | | | | |
| 38 | | | | | | | | | | | | | | |
| 39 | | | | | | | | | | | | | | |
| 40 | NTWKOP | NTWKST | GENLST | COMPTR | UNCOLL | ACCNT | HREXP | INTAN | EXEC | PLAN | EXTERN | INFOR | LEGAL | PROCR |
| 41 | 0.040880 | 0.015364 | 0.069508 | 0.034714 | 0.000401 | 0.008839 | 0.008145 | 0.002091 | 0.007805 | 0.000580 | 0.013029 | 0.057009 | 0.006148 | 0.002359 |
| 42 | 0.040880 | 0.015364 | 0.069508 | 0.034714 | 0.000401 | 0.008839 | 0.008145 | 0.002091 | 0.007805 | 0.000580 | 0.013029 | 0.057009 | 0.006148 | 0.002359 |
| 43 | 0.040880 | 0.015364 | 0.069508 | 0.034714 | 0.000401 | 0.008839 | 0.008145 | 0.002091 | 0.007805 | 0.000580 | 0.013029 | 0.057009 | 0.006148 | 0.002359 |
| 44 | 0.040880 | 0.015364 | 0.069508 | 0.034714 | 0.000401 | 0.008839 | 0.008145 | 0.002091 | 0.007805 | 0.000580 | 0.013029 | 0.057009 | 0.006148 | 0.002359 |
| 45 | | | | | | | | | | | | | | |

| | AC | AD |
|---|---|---|
| 37 | | |
| 38 | | |
| 39 | | |
| 40 | RDEXP | GENL |
| 41 | 0.000036 | 0.015212 |
| 42 | 0.000036 | 0.015212 |
| 43 | 0.000036 | 0.015212 |
| 44 | 0.000036 | 0.015212 |
| 45 | | |

# Section 3

# Source Data

Year of Investments: 2000

| FEATURE DESCRIPTION | FEATURE INPUT DESCRIPTION | FEATURE INPUT VALUE |
|---|---|---|
| CLASS | | |
| Customer Originated Trace | Busy Hour Customer Originated Trace Call Attempts per COT Line | 1.0000 |
| Customer Originated Trace | Average Number of Customer Originated Trace Lines in Office | 614.0400 |

Output developed in the Switching Features Cost Model (SCM) is contained in a project file. For this study, the source project file is called
**SCM9.21 Call Trace 07-01.xls**
Authorized users will have access to the Switching Features Cost Module as an executable file named **SCMFEAT9.exe**
The project file can be opened within this module so that the investment components of the switch feature can be fully evaluated.

**MODEL DESCRIPTIONS**

**1. QWEST SWITCHING COST MODEL:**

The Switching Cost Model (SCM) is a set of menu driven PC engineering cost models developed in the QWEST Service Costs and Economic Analysis organization (SCEA). SCM provides unit investments for various services and features provided by the DMS-10, DMS-100, DMS-200, DMS-100/200, and 5ESS switching equipment. The model has a Features module which provides unit investments for features (e.g., Custom Calling, MVP, Centrex).

SCM Core is the first of three major processes in the SCM Model. SCM Core determines the Average Busy Season, Busy Hour, unit investments by functional category. Other models use the Busy Hour investments as input. The SCM Calls process of the model calculates investments for call setup and conversation CCS. The SCM Features process of the model calculates unit investments for central office features.

The SCM Features process develops investments for features by using the functional category unit investments created in SCM Core along with inputs provided by the SCM Features model user. There is an investment developed for each part of the feature, for example, activation, deactivation, and call attempt. The SCM Features process determines ABSBH investment associated with a feature by partitioning the feature into its components and determining the components not recovered by other rate elements. Cost of the feature must cover those components not recovered by other rate elements. The subscribers busy hour use of the feature drives the investments required. SCM displays most feature costs as an investment per line, consistent with the rate plans for the features. The investments provided also contain investment loadings from WINPC3 of Power, Sales Tax, TELCO, and Interest During Construction.

The Switching Cost Model (SCM) provides QWEST with a flexible and consistent process to provide switching costs suitable to develop price floors. SCM applies long run incremental costing principles for cost development, with consideration given to anticipated long run demand. This approach yields costs that are an appropriate price floor, allowing QWEST to make proper pricing decisions for its services.

# *Model Definitions*

*SCM Definitions:*

**INVESTMENT**: An investment is the amount of capital used to purchase equipment and material to provide a service.

**ENGINEERED FURNISHED & INSTALLED (EF&I)**: An Engineered, Furnished and Installed investment includes installation by the Vendor: An EF&I investment includes a dollar amount for the equipment, material, engineering, furnishing (delivery and/or supply) and installation.

**TOTAL INSTALLED INVESTMENT (TII)**: A TII investment includes a dollar amount for equipment, material, engineering, furnishing & installation as well as a dollar amount (if applicable) for Power, Sales Tax, Telco labor and Interest During Construction (IDC).

*RCP Definitions:*

**EXPENSE**: An expense is the amount of non-capitalized dollars associated with the provision of a product or service.

**INFLATION**: Inflation is an increase in the amount of an investment from a base year to the study year. Inflation results from increases in the cost of money, material, or any other items impacting the value of an investment. The model can apply inflation to EF&I or Total Installed investments.

**LOADING FACTORS**: Loading factors applied to an EF&I investment provide the additional dollar amounts to bring an EF&I investment to the Total Installed Investment level.

**POWER**: The power factor estimates the investment required for Central Office back up power equipment (used for EF&I Central Office Equipment [COE] accounts only).

**SALES TAX**: The sales tax factor provides the amount of sales tax paid on vendor provided material and equipment (used for all accounts).

**TELCO: The TELCO factor develops the dollar amount of Qwest engineering and labor involved with vendor** installation (used for EF&I accounts only).

**INTEREST DURING CONSTRUCTION**: The interest during construction factor estimates the amount of interest that accrues on construction dollar amounts until completion (used with all accounts).

**LAND & BUILDING**: The land and building factors applied to a Total Installed Central Office equipment investment recovers the investment in Central Office land and buildings. Annual cost factors are applicable to the land and building investments (used with COE accounts only).

**ANNUAL COST FACTORS**: Annual cost factors identify the annual costs associated with Total Installed Investments. There are two types of Annual Cost Factors (Investment based and Expense based). Annual cost factors are appropriate for use with all accounts.

**INVESTMENT BASED FACTORS**: Investment based annual cost factors applied to a Total Installed Investment identify annual costs directly related to the use of an investment.

**MAINTENANCE COSTS**: Maintenance costs represent the cost of upkeep, trunk and line testing, rearrangements and changes.

**CAPITAL COSTS (CAPCOST)**: Capital costs are annual or monthly costs associated with recovery of a total installed investment.

**AD VALOREM TAX**: The ad valorem factor estimates the annual "property tax" applicable to an investment.

**EXPENSE BASED FACTORS**: These factors applied to an expense created by the Investment Based Factors will identify additional expenses resulting from the provision of a service.

**SALES EXPENSE**: The sales expense factor determines the amount of expense associated with making a sale. It develops the relevant expense pertaining to the cost of a sale up to the "hand shake" as well as a portion of capital costs. We divide this expense by total direct cost.

**PRODUCT MANAGEMENT EXPENSE**: The product management factor develops the amount of expense associated with managing the products of the business. This expense includes all expense relevant to Product Management, as well as a portion of capital costs. We divide this expense by total direct cost.

**ADMINISTRATION**: The administration expense factor develops the administration expense associated with COE, Outside Plant (OSP), and coin services.

**SALES COMPENSATION EXPENSE**: The sales compensation factor develops the amount of sales compensation resulting from successfully completing a business sale. This is a revenue based factor that includes compensation for business sales only. We divide sales compensation by total business revenues.

**RIGHT TO USE FEES**: The right to use (RTU) fees factor estimates some of the software expense associated with the purchase of digital switches.

**BUSINESS FEES**: The business fees factor develops a dollar amount associated with state fees and taxes assessed on the aggregate revenue of those states that impose such fees and taxes.

**COMMON**: Common calculates expenses common to the firm.

To generate the investment results in this workbook, do as follows:

Run SCMFEAT9.exe
In the 'Type Of Data' list box, select the correct data directory
In the 'Keep States Separate' box, select 'Yes'
In the 'Weight Hosts & Remotes Together' box, select 'Yes'
In the Investment Types box check the 'Direct - Category 1' and 'Direct - Category 2' boxes

In the 'Data Files' box, highlight SSW101A1.MDB
In the list box in the upper right part of the screen, highlight QC 01 POTS STD H
Press the 'Update Studies in Project' button

In the 'Data Files' box, highlight SSW201A1.MDB
In the list box in the upper right part of the screen, highlight QC 01 POTS STD H
Press the 'Update Studies in Project' button

In the 'Data Files' box, highlight SSW301A1.MDB
In the list box in the upper right part of the screen, highlight QC 01 POTS STD H
Press the 'Update Studies in Project' button

In the 'Feature Group' list box, select 'CLASS'
In the 'Feature Name' list box, select 'Customer Originated Trace'
In the 'Label Used on Outputs' box, select 'Line'
In the 'Feature Inputs' list box, select 'Busy Hour Customer Originated Trace Call Attempts per COT Line'
In the 'Enter New Input' box, enter '1' and click OK
In the 'Feature Inputs' list box, select 'Average Number of Customer Originated Trace Lines in Office'
In the 'Enter New Input' box, enter '614.04' and click OK
Click the 'Add or Modify Feature in Project' button

Click on 'Excel Output' in the menu bar

When the calculations are complete, a 'Save As' dialog box appears.
Save the file if so desired.

South Dakota Public Utilities Commission
Docket No. TC 01_____
Qwest Corporation

Attachment 18

Study No. 5433
Space Reservation Option

# SOUTH DAKOTA

# COLLOCATION:
# SPACE OPTIONING

**Study ID: 5433**

**QWEST**
**JULY 2001**

**QWEST CORPORATION**
**Policy and Law**

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| WCP Non-Recurring | 10 |

# *Executive Summary*

## A. PURPOSE, SCOPE, AND APPLICATION

The purpose of this study is to determine the expenses and recurring costs that will be incurred by Qwest to provide Space Optioning requests for customers.

This study develops Qwest average costs. Costs are based on a per unit basis depending upon which element is being requested.

## B. DESCRIPTION OF SERVICE

The collocation Space Option will permit CLECs, Qwest, and Qwest Affiliates to option space for future collocation needs. Space Options are subject to first right of refusal requests by other parties with firm collocation orders.

Space Option Administration Fee is a nonrecurring fee for all Collocation Space Option requests and covers the processing of application, feasibility, common space engineering, records management, and administration of the First Right of Refusal process.

## C. Study Methodology

Costs were developed from material, engineering and installation labor costs provided by Subject Matter Experts (SME's) in Central Office Engineering and Outside Plant Engineering.

The investments/expenses from the above items were then entered into the WCP (Wholesale Cost Program) model, developed and used within QWEST Corporation.

## D. DESCRIPTION OF LONG RUN INCREMENTAL COSTS

Long Run Incremental Cost (LRIC) is the method QWEST Corporation uses to estimate product and service costs. It provides a measurement of costs over a period of time long enough to fully adjust to changes of output (including changes in the size of facilities, levels of investment, etc.) in order to optimally accommodate this change. This methodology is forward looking in nature (i.e. LRIC uses the latest technology costs or replacement costs.) Since LRIC is forward looking, it does *not* measure historic investment decisions of the corporation.

The Qwest LRIC format disaggregates the cost results on a unitized basis into the components shown below:

**Total Service Long Run Incremental Cost (TSLRIC)** --Total Service Long Run Incremental Cost is the forward looking cost avoided (or added) by discontinuing (or offering) an entire service or group of services in the most efficient manner, holding constant the production of all other services produced by the firm. This cost is often referred to in economic terms as direct cost.

**Shared Cost (SC)**-- The cost associated with the provision of multiple services (service family). This cost is not volume sensitive and is eliminated only if the entire service family is discontinued.

**Total Service Long Run Incremental Costs plus Shared Costs (TSLRIC+SC)**--The Total Service Long Run Incremental Costs for a service plus the Shared Costs of a family of services.

**Total Element Long Run Incremental Cost (TELRIC)** -- Total Element Long Run Incremental Cost, as defined by the Federal Communications Commission, is the sum of the forward looking

direct cost incurred in the production of a network element (as opposed to an entire service), attributed costs considered as shared cost under TSLRIC terminology and selected administrative costs considered as common under TSLRIC terminology.

**Common Cost (CC)**

For **TSLRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole. This cost does not vary with the provision of a service or a service family. These costs are sometimes referred to as *general overhead costs*. The Common Cost added to the TSLRIC + SC produces a **Fully Allocated Cost (FAC)** as required by Commission rules.

For **TELRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole, after those cost that vary with the provisioning of individual network elements are removed. The costs removed from common for TELRIC purposes are included in the TELRIC itself. **Total Long Run Incremental Cost plus TELRIC common costs (TELRIC + CC)** form the basis for pricing Interconnection network elements. TELRIC + CC is the equivalent of fully allocated cost as the term is applied to network elements.

Typically, the cost identified by these cost categories include capital costs for depreciation, return, and income taxes. TSLRIC also includes ongoing operating costs for: administration expense, product management expense, pre sales expense, and business fees.

## E. Study Assumptions

1. All costs are forward looking.

## *RATE SUMMARY*

### Collocation: Space Option

| | Unit | Investment | Loaded Rate |
|---|---|---|---|
| **Space Option Administration Fee** | Per request | $ 1,327.14 | **$ 1,779.04** |

| | | |
|---|---|---|
| **Study Name** | *COLLOCATION: SPACE OPTIONING* | |
| **Study Requester** | | |
| **Type of Study** | *TELRIC* | |
| **Study ID** | *5433* | |
| **Cost Factor Group** | *Interconnection* | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| **Study Applications** | | |
| | | |
| | | |
| **Completion Date** | *July 11, 2001* | |
| **Cost Analyst** | | |
| **Study Review** | **Reviewer** | **Date** |
| | | *July 11, 2001* |
| | | |
| **Cost Models Used** | **Model** | **Version and/or Release Date** |
| | *Wholesale Cost Program* | *01/08/01 (Version 2.07)* |
| | *Cost Factor Databases* | *01/02/01 (Vintage: 00SD02E)* |
| | *Cost Factors Model (TELRIC)* | |
| | | |
| | | |
| | | |
| | | |
| **Cost Factors Used** | **Factor** | **Effective Date** |
| | *Capital Recovery* | *01/01* |
| | *Maintenance* | *01/01* |
| | *Ad Valorem* | *01/01* |
| | *Power* | *01/01* |
| | *Sales Tax* | *01/01* |
| | *Interest During Constructio* | *01/01* |
| | *COE Land & Bldg* | *01/01* |
| | *Directly Assigned Factors* | *01/01* |
| | *Directly Attributable Factor* | *01/01* |
| | *Common* | *01/01* |
| | | |
| | | |
| | *Cost Of Money* | *10.14%* |
| **Inflation** | | |
| **Major Cost Drivers** | | |

## Study Information

| | Value |
|---|---|
| Filing Month | JULY |
| Filing Year | 2001 |
| State | SD |
| State Full Name | SOUTH DAKOTA |
| Run Date | 7/11/01 |
| Factor Vintage | *00SD02E* |
| Study ID | 5433 |

## Model Assumptions

| | Value | Description/Source |
|---|---|---|
| ***Engineering*** | | |
| Common Systems Planning Engineering Center (CSPEC) | $ 46.18 | per hour |
| Product Management Implementation (PMI) | $ 56.97 | per hour |
| Infrastructure Availability Center Labor Rate | $ 56.97 | per hour |

## Labor Calculation Defaults

| | | |
|---|---|---|
| ***PRODUCT MANAGEMENT IMPLEMENTATION (PMI)*** | | |
| *JOB MONITORING, ORDER VALIDATION, SCHEDULING* | | |
| ICC (scheduling, project managing, MOP) | 2.0 | per hour |
| ***INFRASTRUCTURE AVAILABILITY CENTER (IAC)*** | | |
| *APPLICATION PROCESSING* | | |
| Order Validation | 1.0 | per hour |
| Quote | 1.0 | per hour |
| Billing Work | 1.0 | per hour |
| CPMC First Right of Refusal | 2.0 | per hour |
| ***COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)*** | | |
| *FIRST RIGHT OF REFUSAL* | | |
| Implementation of First Right of Refusal | 1.0 | per hour |
| *COMMON SPACE ENGINEERING* | | |
| Engineering | 7.0 | per hour |
| First Right of Refusal | 1.0 | per hour |

## Factors

| | Value |
|---|---|
| WCP Version | *2.07* |
| Cost of Money | *10.14%* |
| Capital Recovery | *01/01* |
| Maintenance | *01/01* |
| Ad Valorem | *01/01* |
| Power | *01/01* |
| Sales Tax | *01/01* |
| Interest During Construction | *01/01* |
| COE Land & Bldg | *01/01* |
| Directly Assigned Factors | *01/01* |
| Directly Attributable Factors | *01/01* |
| Common | *01/01* |
| | |
| Vintage | *00SD02E* |
| *Investment Loadings* | |
| Power | *0.069700* |
| Sales Tax | *0.056400* |
| Interest During Construction | *0.006100* |
| | |
| *COE Land And Building Investment* | |
| Building | *0.053600* |
| Land | *0.001400* |
| | |
| *Investment Based Monthly Direct Costs* | |

| | |
|---|---|
| Depreciation | *0.109717* |
| Cost Of Money | *0.045455* |
| Income Tax Expense | *0.017189* |
| Maintenance | *0.032498* |
| Ad Valorem Tax | *0.008613* |
| | |
| *COE Land And Building Cost* | |
| COE Building | *0.159969* |
| COE Land | *0.163967* |
| | |
| *Directly Assigned* | |
| Product Management Expense | *0.025565* |
| Sales Expense | *0.009225* |
| Product Advertising Expense | *0.000000* |
| Business Fees (Other Operating Taxes) | *0.002025* |
| | |
| *Directly Attributed* | |
| Network Operations | *0.040880* |
| Network Support Assets | *0.015364* |
| General Support Assets | *0.069508* |
| General Purpose Computers | *0.034714* |
| Uncollectible | *0.000401* |
| Accounting & Finance Expense | *0.008839* |
| Human Resources Expense | *0.008145* |
| Information Management Expense | *0.057009* |
| Intangibles | *0.002091* |
| State Prescribed Directly Attributed | *0.000000* |
| | |
| *Common* | |
| Executive Expense | *0.007805* |
| Planning Expense | *0.000580* |
| External Relations Expense | *0.013029* |
| Legal Expense | *0.006148* |
| Other Procurement Expense | *0.002359* |
| Research & Development Expense | *0.000036* |
| Other General and Admin Expense | *0.015212* |
| State Prescribed Common | *0.000000* |

# LABOR CALCULATIONS

| Work Item | Hours Per Request | Time Minutes | Prob | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G |
| | | | | C * D | | |
| **-PRODUCT MANAGEMENT IMPLEMENTATION (PMI)** | | | | | | |
| *JOB MONITORING, ORDER VALIDATION, SCHEDULING* | | | | | | |
| Overall project management and coordination | 2.0 | 120 | 1.000 | 120.00 | $ 56.97 | $ 113.94 |
| ***Subtotal - PRODUCT MANAGEMENT IMPLEMENTATION (PMI)*** | | | | **120.00** | | **$113.94** |
| **-COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)** | | | | | | |
| *FIRST RIGHT OF REFUSAL* | | | | | | |
| Implementation of First Right of Refusal | 1.0 | 60 | 1.000 | 60.00 | $ 46.18 | $ 46.18 |
| *COMMON SPACE ENGINEERING* | | | | | | |
| Engineering | 7.0 | 420 | 1.000 | 420.00 | $ 46.18 | $ 323.26 |
| First Right of Refusal | 1.0 | 60 | 1.000 | 60.00 | $ 46.18 | $ 46.18 |
| ***Subtotal - COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)*** | | | | **540.00** | | **$415.62** |
| **-INFRASTRUCTURE AVAILABILITY CENTER (IAC)** | | | | | | |
| *APPLICATION PROCESSING* | | | | | | |
| Order Validation | 1.0 | 60 | 1.000 | 60.00 | $ 56.97 | $ 56.97 |
| Quote | 1.0 | 60 | 2.000 | 120.00 | $ 56.97 | $ 113.94 |
| Billing Work | 1.0 | 60 | 3.000 | 180.00 | $ 56.97 | $ 170.91 |
| CPMC First Right of Refusal | 2.0 | 120 | 4.000 | 480.00 | $ 56.97 | $ 455.76 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC)*** | | | | **840.00** | | **$797.58** |

# WCP Non-Recurring

| | Factor Value | Space Option Admin. Fee |
|---|---|---|
| Expense | | $1,327.14 |
| *Directly Assigned* | | |
| Product Management Expense | 0.025565 | $ 33.93 |
| Sales Expense | 0.009225 | $ 12.24 |
| Product Advertising Expense | 0.000000 | |
| Business Fees (Other Operating Taxes) | 0.002025 | $ 2.78 |
| *Directly Assigned Costs* | | $ 48.95 |
| *Total Direct Monthly Costs* | | $ 1,376.09 |
| *Directly Attributed* | | |
| Network Operations | 0.040880 | $ 56.25 |
| Network Support Assets | 0.015364 | $ 21.14 |
| General Support Assets | 0.069508 | $ 95.65 |
| General Purpose Computers | 0.034714 | $ 47.77 |
| Uncollectible | 0.000401 | $ 0.55 |
| Accounting & Finance Expense | 0.008839 | $ 12.16 |
| Human Resources Expense | 0.008145 | $ 11.21 |
| Information Management Expense | 0.057009 | $ 78.45 |
| Intangibles | 0.002091 | $ 2.88 |
| State Prescribed Directly Attributed | 0.000000 | $0.00 |
| *Directly Attributed Costs* | | $ 326.07 |
| *TELRIC* | | $ 1,702.16 |
| *Common* | | |
| Executive Expense | 0.007805 | $ 13.29 |
| Planning Expense | 0.000580 | $ 0.99 |
| External Relations Expense | 0.013029 | $ 22.18 |
| Legal Expense | 0.006148 | $ 10.46 |
| Other Procurement Expense | 0.002359 | $ 4.02 |
| Research & Development Expense | 0.000036 | $ 0.06 |
| Other General and Admin Expense | 0.015212 | $ 25.89 |
| State Prescribed Common | 0.000000 | $0.00 |
| *Common Costs* | | $ 76.88 |
| *TELRIC + Common Costs* | | $ 1,779.04 |

South Dakota Public Utilities Commission
Docket No. TC 01_____
Qwest Corporation

Attachment 19

Study No. 5434
Space Inquiry

# SOUTH DAKOTA

# COLLOCATION: SPACE INQUIRY

## QWEST
## JULY 2001

## Study ID: 5434

QWEST CORPORATION
Policy and Law

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# *Executive Summary*

## A. PURPOSE, SCOPE, AND APPLICATION

The purpose of this study is to determine the non-recurring costs that will be incurred by Qwest to provide Space Inquiry requests for customers.

This study develops Qwest average costs. Costs are based on a per unit basis depending upon which element is being requested.

## B. DESCRIPTION OF SERVICE

Paragraph 58 of the FCC 706 ruling requires incumbent LECs to provide space availability report to Co-Providers requesting such a report. This report will be generated for one central office at a time.

The space inquiry report contains the following information for each central office requested:

1. Number of Collocators within the office;
2. Amount of Collocation space available (number of equipment bay spaces available);
3. Measures under way to make additional space available for collocation;
4. Modifications in the use of space since the last report;
5. Whether there is sufficient power;
6. Number of CLECs in queue; and
7. Whether the premise is equipped with DS3 capabilities.

## C. Study Methodology

Costs were developed from material, engineering and installation labor costs provided by Subject Matter Experts (SME's) in Central Office Engineering and Outside Plant Engineering.

Monthly maintenance costs were developed by taking the element - specific expense and applying the account - code specific maintenance.

The investments/expenses from the above items were then entered into the WCP (Wholesale Cost Program) model, developed and used within QWEST Corporation.

## D. DESCRIPTION OF LONG RUN INCREMENTAL COSTS

Long Run Incremental Cost (LRIC) is the method QWEST Corporation uses to estimate product and service costs. It provides a measurement of costs over a period of time long enough to fully adjust to changes of output (including changes in the size of facilities, levels of investment, etc.) in order to optimally accommodate this change. This methodology is forward looking in nature (i.e. LRIC uses the latest technology costs or replacement costs.) Since LRIC is forward looking, it does *not* measure historic investment decisions of the corporation.

The Qwest LRIC format disaggregates the cost results on a unitized basis into the components shown below:

**Total Service Long Run Incremental Cost (TSLRIC)** --Total Service Long Run Incremental Cost is the forward looking cost avoided (or added) by discontinuing (or offering) an entire service or group of services in the most efficient manner, holding constant the production of all other services produced by the firm. This cost is often referred to in economic terms as direct cost.

**Shared Cost (SC)**-- The cost associated with the provision of multiple services (service family).

This cost is not volume sensitive and is eliminated only if the entire service family is discontinued.

**Total Service Long Run Incremental Costs plus Shared Costs (TSLRIC+SC)**--The Total Service Long Run Incremental Costs for a service plus the Shared Costs of a family of services.

**Total Element Long Run Incremental Cost (TELRIC)** -- Total Element Long Run Incremental Cost, as defined by the Federal Communications Commission, is the sum of the forward looking direct cost incurred in the production of a network element (as opposed to an entire service), attributed costs considered as shared cost under TSLRIC terminology and selected administrative costs considered as common under TSLRIC terminology.

**Common Cost (CC)**

For **TSLRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole. This cost does not vary with the provision of a service or a service family. These costs are sometimes referred to as *general overhead costs*. The Common Cost added to the TSLRIC + SC produces a **Fully Allocated Cost (FAC)** as required by Commission rules.

For **TELRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole, after those cost that vary with the provisioning of individual network elements are removed. The costs removed from common for TELRIC purposes are included in the TELRIC itself. **Total Long Run Incremental Cost plus TELRIC common costs (TELRIC + CC)** form the basis for pricing Interconnection network elements. TELRIC + CC is the equivalent of fully allocated cost as the term is applied to network elements.

Typically, the cost identified by these cost categories include capital costs for depreciation, return, and income taxes. TSLRIC also includes ongoing operating costs for: administration expense, product management expense, pre sales expense, and business fees.

## E. Study Assumptions

1. All costs are forward looking.
2. See "Inputs" worksheet.

## *RATE SUMMARY*

| | Unit | Investment | NRC | State |
|---|---|---|---|---|
| **SPACE INQUIRY REPORT** | Per office | $ 241.69 | **$ 323.99** | SOUTH DAKOTA |

# COLLOCATION: SPACE INQUIRY REPORT

## Study Information

| | Value |
|---|---|
| Filing Month | JULY |
| Filing Year | 2001 |
| State | SD |
| State Full Name | SOUTH DAKOTA |
| Run Date | 7/11/01 |
| Factor Vintage | *00SD02E* |
| Study ID | 5434 |

## Engineering Rate Inputs

| | Value | Source |
|---|---|---|
| COMMON SYSTEMS PLANNING ENGINEERING CENTER | $ 46.18 | |
| INFRASTRUCTURE AVAILABILITY CENTER (IAC) | $ 56.97 | |

## Labor Calculation

| *COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)* | | |
|---|---|---|
| NUMBER OF COLLOCATORS WITHING THE OFFICE | 0.5 | per hour |
| AMOUNT OF COLLO SPACE AVAILABLE IN OFFICE | 2.5 | per hour |
| ADDITIONAL SPACE FOR COLLOCATION | 0.5 | per hour |
| MODIFICATIONS IN USE OF SPACE SINCE THE LAST REPOR | 0.5 | per hour |

## Factors

| | Value |
|---|---|
| WCP Version | *2.07* |
| Cost of Money | *10.14%* |
| Capital Recovery | *01/01* |
| Maintenance | *01/01* |
| Ad Valorem | *01/01* |
| Power | *01/01* |
| Sales Tax | *01/01* |
| Interest During Construction | *01/01* |
| COE Land & Bldg | *01/01* |
| Directly Assigned Factors | *01/01* |
| Directly Attributable Factors | *01/01* |
| Common | *01/01* |
| Vintage | *00SD02E* |
| *Investment Loadings* | |
| Power | *0.069700* |
| Sales Tax | *0.056400* |
| Interest During Construction | *0.006100* |
| *COE Land And Building Investment* | |
| Building | *0.053600* |
| Land | *0.001400* |
| *Investment Based Monthly Direct Costs* | |
| Depreciation | *0.109717* |
| Cost Of Money | *0.045455* |
| Income Tax Expense | *0.017189* |
| Maintenance | *0.032498* |
| Ad Valorem Tax | *0.008613* |
| *COE Land And Building Cost* | |

# COLLOCATION: SPACE INQUIRY REPORT

| | |
|---|---|
| COE Building | *0.159969* |
| COE Land | *0.163967* |
| *Directly Assigned* | |
| Product Management Expense | *0.025565* |
| Sales Expense | *0.009225* |
| Product Advertising Expense | *0.000000* |
| Business Fees (Other Operating Taxes) | *0.002025* |
| *Directly Attributed* | |
| Network Operations | *0.040880* |
| Network Support Assets | *0.015364* |
| General Support Assets | *0.069508* |
| General Purpose Computers | *0.034714* |
| Uncollectible | *0.000401* |
| Accounting & Finance Expense | *0.008839* |
| Human Resources Expense | *0.008145* |
| Information Management Expense | *0.057009* |
| Intangibles | *0.002091* |
| State Prescribed Directly Attributed | *0.000000* |
| *Common* | |
| Executive Expense | *0.007805* |
| Planning Expense | *0.000580* |
| External Relations Expense | *0.013029* |
| Legal Expense | *0.006148* |
| Other Procurement Expense | *0.002359* |
| Research & Development Expense | *0.000036* |
| Other General and Admin Expense | *0.015212* |
| State Prescribed Common | *0.000000* |

# COLLOCATION: SPACE INQUIRY REPORT



| | | |
|---|---|---|
| **Study Name** | *Space Inquiry* | |
| **Study Requester** | | |
| **Type of Study** | *TELRIC* | |
| **Study ID** | *5434* | |
| **Cost Factor Group** | *Interconnection* | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| **Study Applications** | | |
| | | |
| | | |
| **Completion Date** | *July 11, 2001* | |
| **Cost Analyst** | | |
| **Study Review** | **Reviewer** | **Date** |
| | | *July 11, 2001* |
| | | |
| **Cost Models Used** | **Model** | **Version and/or Release Date** |
| | *Wholesale Cost Program* | *01/08/01 (Version 2.07)* |
| | *Cost Factor Databases* | *01/02/01 (Vintage: 00SD02E)* |
| | *Cost Factors Model (TELRIC)* | |
| | | |
| | | |
| | | |
| | | |
| **Cost Factors Used** | **Factor** | **Effective Date** |
| | *Capital Recovery* | *01/01* |
| | *Maintenance* | *01/01* |
| | *Ad Valorem* | *01/01* |
| | *Power* | *01/01* |
| | *Sales Tax* | *01/01* |
| | *Interest During Construc* | *01/01* |
| | *COE Land & Bldg* | *01/01* |
| | *Directly Assigned Factor* | *01/01* |
| | *Directly Attributable Fac* | *01/01* |
| | *Common* | *01/01* |
| | | |
| | | |
| | *Cost Of Money* | *10.14%* |
| **Inflation** | | |
| **Major Cost Drivers** | | |

# COLLOCATION: SPACE INQUIRY REPORT

## LABOR CALCULATIONS

| Work Item | Hours Per Request | Time Minutes | Prob | Applied Time (Minutes) | Labor /Hour | Cost | Rate Calculation |
|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | |
| | | | | C * D | | | |
| **-COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)** | | | | | | | |
| ***NUMBER OF COLLOCATORS WITHING THE OFFICE*** | | | | | | | |
| Verify and match documentation; determine number of Collocators in office | 0.5 | 30 | 1.000 | 30.00 | $46.18 | $23.09 | *Space Report* |
| ***AMOUNT OF COLLO SPACE AVAILABLE IN OFFICE*** | | | | | | | |
| Database verification (COEFM), communication with Real Estate, SICM's, CO Techniciaions and IOF if grooming or moving circuits is identified. | 2.5 | 150 | 1.000 | 150.00 | $46.18 | $115.45 | *Space Report* |
| ***ADDITIONAL SPACE FOR COLLOCATION*** | | | | | | | |
| Check to see if building addition is in any planning stage. Check with switch group to see about any upcoming conversions/removals. | 0.5 | 30 | 1.000 | 30.00 | $46.18 | $23.09 | *Space Report* |
| ***MODIFICATIONS IN USE OF SPACE SINCE THE LAST REPORT*** | | | | | | | |
| Pull report from COE-FM. | 0.5 | 30 | 1.000 | 30.00 | $46.18 | $23.09 | *Space Report* |
| ***Subtotal - COMMON SYSTEMS PLANNING ENGINEERING CENTER (CSPEC)*** | | | | **240.00** | | **$184.72** | |
| **-INFRASTRUCTURE AVAILABILITY CENTER (IAC)** | | | | | | | |
| ***QUOTE PREPARATION AND PROCESSING*** | | | | | | | |
| Review for completeness resolve discrepancies, Quote Preparation and processing, data basing | 1.0 | 60 | 1.000 | 60.00 | $56.97 | $56.97 | *Space Report* |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC)*** | | | | **60.00** | | **$56.97** | |
| ***Total*** | | | | | | **$241.69** | |

## *WCP Non-Recurring*

| | Factor Value | | Space Inquiry Report |
|---|---|---|---|
| Expense | | | $241.69 |
| *Directly Assigned* | | | |
| Product Management Expense | 0.025565 | $ | 6.18 |
| Sales Expense | 0.009225 | $ | 2.23 |
| Product Advertising Expense | 0.000000 | $ | - |
| Business Fees (Other Operating Tax | 0.002025 | $ | 0.51 |
| *Directly Assigned Costs* | | $ | 8.91 |
| *Total Direct Monthly Costs* | | $ | 250.60 |
| *Directly Attributed* | | | |
| Network Operations | 0.040880 | $ | 10.24 |
| Network Support Assets | 0.015364 | $ | 3.85 |
| General Support Assets | 0.069508 | $ | 17.42 |
| General Purpose Computers | 0.034714 | $ | 8.70 |
| Uncollectible | 0.000401 | $ | 0.10 |
| Accounting & Finance Expense | 0.008839 | $ | 2.22 |
| Human Resources Expense | 0.008145 | $ | 2.04 |
| Information Management Expense | 0.057009 | $ | 14.29 |
| Intangibles | 0.002091 | $ | 0.52 |
| State Prescribed Directly Attributed | 0.000000 | | $0.00 |
| *Directly Attributed Costs* | | $ | 59.38 |
| *TELRIC* | | $ | 309.99 |
| *Common* | | | |
| Executive Expense | 0.007805 | $ | 2.42 |
| Planning Expense | 0.000580 | $ | 0.18 |
| External Relations Expense | 0.013029 | $ | 4.04 |
| Legal Expense | 0.006148 | $ | 1.91 |
| Other Procurement Expense | 0.002359 | $ | 0.73 |
| Research & Development Expense | 0.000036 | $ | 0.01 |
| Other General and Admin Expense | 0.015212 | $ | 4.72 |
| State Prescribed Common | 0.000000 | | $0.00 |
| *Common Costs* | | $ | 14.00 |
| *TELRIC + Common Costs* | | $ | 323.99 |

South Dakota Public Utilities Commission
Docket No. TC 01_____
Qwest Corporation

Attachment 20

Study No. 5416
Nonrecurring Costs (ENRC)

Qwest

# EXECUTIVE SUMMARY

# SOUTH DAKOTA INTERCONNECTION COST DOCKET

## NONRECURRING ELEMENTS

**Study ID #5416**

2001
Nonrecurring Cost Study

July, 2001

Market Services & MSEA Economic Analysis

Market Services And Economic Analysis Organization

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# A. PURPOSE, SCOPE, AND APPLICATION

This study estimates forward-looking nonrecurring total element long run incremental costs Qwest will incur to provide Unbundled Elements. Nonrecurring costs represent the one-time costs that are incurred in order to establish and disconnect the service. The study identifies the costs for various work activities involved in providing the service. The study results represent fully allocated 2001 costs and may be used for pricing and other management decisions.

# B. DESCRIPTION OF SERVICE

## CUSTOMER TRANSFER CHARGE

### POTS Customer Transfer Charge

The POTS Customer Transfer Charge represents the cost incurred by Qwest to transfer existing Qwest retail services to resellers on a wholesale basis. The POTS CTC is for the transferal of Qwest residence, and both simple and complex business customers/accounts including CENTREX. The cost reflects use of IMA (Interconnect Mediated Access) and applies to the 1st line on the CSR (Customer Service Record).

### Private Line Customer Transfer Charge 1st Circuit, Additional Circuit and Each Additional circuit

The Private Line Customer Transfer Charge 1st Circuit represents the cost incurred by Qwest to transfer existing Qwest retail services to resellers on a wholesale basis. The Private Line CTC is for the transferal of Qwest private line customers/accounts and applies to the 1st circuit on CSR (Customer Service Record).

### Customer Transfer Charge for Frame Relay Service, ATM Cell Relay Service, and Transparent LAN Service.

The Frame Relay Service (FRS), ATM Cell Relay Service, and Transparent LAN Service (TLS) Customer Transfer Charge represents the cost incurred by Qwest to transfer existing Qwest retail FRS, TLS, or ATM services circuit to resellers on a wholesale basis.

## LIS SWITCHED TRANSPORT

### Entrance Facilities

Costs associated with provisioning the transmission facilities between the customer's POI and the serving wire center. The cost is per DS1 or DS3 circuit terminated.

### Transport Trunks

Costs associated with provisioning of the trunks between the customer's POI and the end office. The cost is for DS1 Interface and DS3 Interface per First Trunk and Each Additional Trunk per Order.

### Multiplexing

Multiplexing provides the capability of converting the capacity or bandwidth of a facility from a higher level to a lower level or from a lower level to a higher level. DS1 to Voice Grade multiplexing is an arrangement that provides a Company multiplexer which converts a DS1 channel to twenty-four Voice Grade channels utilizing time division multiplexing. DS3 to DS1 multiplexing is an arrangement which converts a DS3 channel to twenty-eight DS1 channels utilizing time division multiplexing. The cost is per arrangement ordered subsequent to the installation of a facility.

## B. DESCRIPTION OF SERVICE (Cont'd)

### CLEC TO CLEC CROSS CONNECTION

Clec to Clec collocation cross-connection is defined as the Clec's capability to order a cross-connection from its collocation in a Qwest wire center to another Clec's collocation within the same wire center.

Qwest will provide the capability to cross-connect these separate collocations through an Interconnection Distributing frame/bay (ICDF). This is accomplished through the use of both Co-Provider Connecting Facility Assignment (CFA) terminations residing on the same ICDF frame/bay. Also, both Clecs must terminate on the same service rate level (DS3, DS1) frame/bay.

If the Clec's collocation terminations do not reside on the same ICDF frame/bay (i.e. a Clec's own Dedicated ICDF frame/bay, etc.) as the other Clec collocation terminations, the Clec is responsible to order tie cables to the ICDF frame/bay where the other Clec resides. These tie cable would be ordered through the existing collocation build process and in-place before any order activity is processed for the cross-connection.

The Clec is responsible for the end-to-end design of this connection of collocation elements to ensure that the resulting service meets their customer's needs. This is accomplished by receiving the Design Layout Record (DLR) for the service connection. Depending on the distance parameters of the connection, Regeneration may be required.

This product is for Clec element to Clec element only, not individual unbundled network elements.

**Cable Unloading/Bridge Tap Removal**

Cable Unloading/Bridge Tap Removal is the cost associated with the engineering and splicing to remove loads and bridge tap from a cable. This cost is in addition to the 2 Wire/4 Wire loop if required. The cost is per request.

### UNBUNDLED LOOP

Unbundled Loop – 2 Wire/4 Wire unbundled loop establishes a transmission path between the Qwest Company distribution frame (or equivalent) and the network interface of the Competitive Local Exchange Carrier's (CLEC) end user.

Options are available for the Loop: Basic Installation First and Each Additional, Basic Install with Performance Testing First and Each Additional, Coordinated Install Without Testing First and Each Additional, Basic Installation with Coop Testing First and Each Additional, and Coordinated Install, Coop Testing, no Dispatch First and Each Additional. The cost is per first and each additional loop ordered at the same time to the same location.

## B. DESCRIPTION OF SERVICE (Cont'd)

**DS1, DS3, OCN 3, 12, 48**
A digital transmission path that transports bi-directional DS1, DS3, OCN 3, 12, 48 signals with nominal transmission rates. The transmission path runs between a Qwest Serving Wire Center (SWC) Network Interface (NI) to the End User (EU) NI located at the EU's designated premises within the serving area of the SWC. DS3 and OCN Capable Loops will be configured as a channel on a fiber-based system. The interconnector gains access to these unbundled services at the Qwest SWC through established Collocation arrangements.

The cost is per first and each additional loop ordered at the same time to the same location.

**SUBLOOP**
Subloop is defined as any portion of the loop that is technically feasible to access at terminals in Qwest's outside plant, including inside wire (owned by Qwest). An accessible terminal is any point on the loop where technicians can access the wire or fiber within the cable without removing a splice case and/or digging up underground to reach the wire or fiber within.

Such access points may include, but are not limited to, the pole or pedestal, the network interface device (NID), the minimum point of entry, the single point of interconnection (at multi-unit premises), the main distribution frame, Serving Area Interface (SAI) and/or the remote terminal, and the feeder distribution interface (FDI).

Sub-Loop Unbundling is only available after a Co-Provider requested Field Connection Point (FCP) has been installed at the technically feasible access terminal.

The 2 Wire Unbundled Distribution Loop is a Qwest provided facility from the Qwest Serving Area Interface (SAI) to the Network Interface at the customer location.

The Unbundled Distribution loop has the following characteristics:
Metallic facilities only on carrier segments
Tolerant of some bridged tap
Loop may contain a mixture of cable gauges

An Interconnector gains access to these unbundled services at the SAI through an established Field Connection Point arrangement.

Certified Local Exchange Carriers (CLECs) may interconnect with Qwest at several locations. The following paragraphs describe the Point of Interconnection (POI) and Network Interface (NI) used in the field away from a Qwest Wire Center. This POI or NI is called the **Field Connection Point** (FCP).

The FCP is a cabinet or pedestal located near the loop Feeder/Distribution Interface (FDI). There may be some circumstances where more than one such enclosure may be required.

The FDI provides access to a loop and permits field access to Unbundled Feeder Loops (UFLs) and Unbundled Distribution Loops (UDLs). The FDI is sometimes known as a Serving Area Interface (SAI).

The cost is per first and each additional distribution loop and per first and each additional feeder loop ordered at the same time to the same location. Field Connection Point Quotation Preparation Fee is per occurrence.

**SHARED LOOP/LINE SHARING**
Shared Loop (Line Sharing) is defined as making available the opportunity for the Co-Provider to offer ADSL qualified advanced data services within the spectrum of an existing Qwest end user's analog voice-grade service. Co-Provider will use the data portion of the loop while Qwest will maintain the voice portion of the loop. The cost is per loop per order.

**UDIT (Unbundled Dedicated Interoffice Transport)**
Unbundled Dedicated Interoffice Transport (UDIT) provides the CLEC with a network element of a single transmission path between Qwest wire centers. The CLEC must have a presence and have requested Tie Cable capacity through the collocation process. The CLEC orders the UDIT from one local Qwest office to another. Qwest provides the interoffice facility.

UDIT is available in speeds of DSO, DS1, OC3, OC12 Transmission levels. The cost is per channel per order. Both end office terminations are included in the cost.

**EUDIT**
Extended UDIT provides a CLEC with an Unbundled Network Element that is a flat-rated band-width specific transmission path between a QWEST wire center and the wire center of a Certified Local Exchange Carrier (CLEC), an Independent Local Exchange Carrier or an Interexchange Carrier POP. By way of definition, one end of the EUDIT must terminate in the local QWEST serving wire center.

EUDIT is available in speeds of DSO, DS1, DS3, OC-3 and OC-12. The cost is per channel per order.

**UDIT REARRANGEMENT**
CLEC can submit requests through the ASR process to move or rearrange UDIT or EUDIT terminations on the CLEC demarcation point or to change UDIT or EUDIT options. These rearrangements are available through a single office or dual office request. Single office rearrangements are limited to the change in options or movement of terminations within a single Wire Center. Dual office rearrangements are used to change options or movement of terminations in two Wire Centers. Rearrangement is only available for in-place and working UDITs or EUDITs. The cost is per request.

**UNBUNDLED DARK FIBER**
Unbundled Dark Fiber (UDF) is a deployed (existing), unit pair of fiber optic cable or strands that connects two points within Qwest's network. UDF is a single transmission path between two Qwest wire centers or between a Qwest wire center and an end user customer premise or

Qwest outside plant structure (e.g., CEV, RT or HUT) in the same LATA and state. UDF exists in two distinct forms: (a) UDF Interoffice Facility (UDF-IOF), which constitutes an existing route between two fiber distribution panels located in two Qwest wire centers; and (b) UDF-Loop, which constitutes an existing loop between a Qwest wire center and a fiber distribution panel located at either an appropriate outside plant structure or an end-user customer premises.

## B. DESCRIPTION OF SERVICE (Cont'd)

UDF is "in place", unused, dark fiber (no light generating, transmitting or receiving equipment), which is currently terminated on a Fiber Distribution Panel (FDP).

The costs are as follows:
Initial Record Inquiry – Simple, Complex.
Engineering Verification
Splice
Field Verification and Quote Preparation.
Per occurrence, per route, first and each additional fiber or fiber pair.
Optical Cross-Connect, per fiber or fiber pair, per Central Office.

### LOCAL TANDEM SWITCHING

**DS1 Trunk Port**
A DS1 Trunk Port is a DS1 trunk side switch port terminating at a DS1 common frame (or equivalent). Each DS1 Trunk Port includes a subset of 24 DSO channels capable of supporting local message traffic. A DS1 Trunk Port does not support PRI/ISDN.

Requests for DS1 Trunk Port ('s) must be followed by separate order ('s) to establish new Trunk Group ('s) or to augment existing Trunk Group('s).

**Message Trunk Group**
A Message Trunk Group is a software feature that establishes the trunk group and its associated trunk members. Signaling and addressing attributes are defined at the group level. Trunk members may be associated with individual channels of the DS1 Trunk Port.

### LOCAL SWITCHING

**Centrex Plus Common Equipment**
Centrex Plus is a central office based business service with capabilities and features provided via a common block. A group of station lines is translated for an individual customer group and provides common access to a predetermined group of system features with intra-system calling. This study provides the costs associated with provisioning the Centrex Plus standard feature package.

Standard features include:

- Audible Message Waiting
- Automatic Call Back
- Call Forwarding – Busy Line
- Call Forwarding – Don't Answer
- Call Forwarding – Variable
- Call Hold
- Call Park
- Call Pickup
- Call Waiting
- Call Forwarding of Call Waiting Calls
- Dial Originating

## B. DESCRIPTION OF SERVICE (Cont'd)

- Originating
- Terminating
- Cancel Call Waiting
- Conference Calling – 3/6 Way
- Data Call Protection
- Direct Inward Dialing
- Direct Outward Dialing
- Distinctive Ringing/Distinctive Call Waiting Tone
- Executive Busy Override
- Hunting
- Individual Line Billing
- Intercept
- Intrasystem Calling
- Last Number Redial
- Line Restrictions
- Make Set Busy
- Network Speed Call
- Outgoing Trunk Queuing
- Speed Calling – 1 & 2 Digit
- Three Way Calling/Consultation Hold/Call Transfer
- Touch-Tone
- Trunk Answer Any Station (Night Service)

**Additional Centrex Features**
Additional Centrex Features will be offered on an unbundled basis in conjunction with the Unbundled Switch product offering. The features are priced and ordered as separate elements. Subsequent order activity charges will also apply, when this product is ordered separately.

**Unbundled BRI – ISDN Digital Line Port**
An Unbundled BRI – ISDN Digital Line Port is a Digital 2B+D (2 Bearer Channels for Voice or Data and 1 Delta Channel for signaling and D Channel Packet) line side switch connection with BRI ISDN Voice and Data basic elements. The Unbundled BRI – ISDN Digital Line Port has Inter-LATA and Intra-LATA (where available) carrier choice, access to 911, and Qwest Operator Services. For Flexibility and customization optional features can be added. The Unbundled BRI

– ISDN Digital Line Port does not offer B Channel Packet service capabilities. A BFR for customized/specialized service will apply.

Standard features and functions include:

2B+D
2 Primary Directory Numbers (PDNs)
Call Appearances – Two per terminal
Normal Ringing
Caller ID Blocking

## B. DESCRIPTION OF SERVICE (Cont'd)

**Unbundled DS1 DID Trunk Port and DSO Trunks**
The DS1 DID/PBX Trunk Port is an unbundled switching product that provides a Co-Provider that ability to connect a PBX (Private Branch Exchange) user utilizing the DID (Direct Inward Dialing) functionality to a Qwest capable office. As with all trunk side central office connections, this service inherently includes hunting within the trunk group. All Trunks are designed as 4-wire leaving the central office, for 2-wire service, the trunks are converted at the customer's location.

DID is a special trunking arrangement that permits incoming calls from the exchange network to reach a specific PBX station directly without attendant assistance. DID service is offered with an analog or digital 2-way. If digital, the individual DSO's are 2-way trunks using advanced service that requires DID. This product allows the Co-Provider to order DID numbers in blocks of 20. One primary directory listing in the main directory is provided for each PBX system. Provisioning of the DID feature requires that the Co-Provider subscribe to a sufficient number of trunk ports to adequately handle the volume of calls.

**Unbundled DS1 Primary Rate Interface – ISDN Trunk Port**
Primary Rate Interface Digital ISDN Trunk Port is a switch termination supporting PRI ISDN functionality. PRI trunk port requires a digital four wire-full duplex transmission path between ISDN compatible Customer Premises Equipment (CPE) and an PRI ISDN equipped Qwest central office.

The PRI central office equipped trunk port is a DS1 which provides 24 64 kpb/s channels. This product is dedicated call type of PRI with Custom protocol, up to 23 of the channels may be used as 64 kbp/s B channels. The 24$^{th}$ channel must be configured as a D channel, which will carry the signaling and control information. The B channels transmit voice and data or Circuit Switched Data (data only).

PRI ISND comes with the following standard features where technically feasible:
2B+D
Direct Inward Dialing (DID)
Direct Outward Dialing (DOD)
Calling Number Identification
Calling Number Identification Blocking – All Calls
Circuit Switched Data or Voice and Data

Provisioning of the DID feature requires that the Co-Provider subscribe to a sufficient number of trunk ports to adequately handle the volume of incoming calls.

**SUBSEQUENT ORDER CHARGE**
Subsequent Order cost is the cost of processing a service order to make a change to an existing service, i.e., adding features to an existing line. The cost is per order.

**CCSAC**
**CCSAC** is a service offering which allows a customer to interconnect with Qwest's Common Channel Signaling System 7 (CCS7) network. The customer can utilize the CCS7 Interconnection facilities to support multiple services. The digital signaling link provides the transmission path for network control signaling information.

## B. DESCRIPTION OF SERVICE (Cont'd)

**STP Port**
The point of termination to signal switching capabilities of the STP. One port is required per link. The cost is per order per port.

**Option Activation Charge**
The CCSAC Option Activation Charge is assessed for adding or changing a point code in the signaling network for each basic or database application. A basic application would typically use ISDN user part (ISUP) messages for establishing and closing transmission paths. A database application would use Transaction capabilities application part (TCAP) messages to carry information between signaling points for databases services. When the customer initially orders CCSAC Service and the associated application, the first point code is provided at no charge. Each additional point code on the same order is assessed the "Each Additional Point Code" rate.

**ADDITIONAL ENGINEERING, LABOR, TESTING**
Additional Engineering, Labor, Testing is incurred by the Company for additional time associated with engineering (additional technical information already provided), labor (incurred to accommodate a specific customer request or overtime), maintenance (trouble report with no trouble found in company facilities) or testing (not performed during the installation of service). The cost is per each half-hour or per month, as appropriate.

**Additional Dispatch Charge**
An additional dispatch charge applies to a service order if another trip to the premise is necessary due to customer reasons. The cost is per occurrence.

**Date Change**
A customer may request a Date Change to an existing order any time prior to notification by the telephone company that service is available for use. When the customer indicates that service cannot be accepted on the service date, the company accordingly delays the start of service and a Service Date Change Charge will apply. The cost is per order per occurrence.

**Design Change**
Design Change is incurred by the Company to review the original service design and make the changes necessary to meet a customer request. Design changes include such things as a change of end user premises within the same serving wirecenter, the addition or deletion of optional features, functions, BSE's or a change in the type of transport termination, type of channel interface, interface group or technical specifications package. The cost is per order per occurrence.

**UNBUNDLED NETWORK ELEMENT PLATFORM**
A Co-Provider may order a pre-assembled combination of Unbundled Network Elements on an "as is" basis as defined as an existing 2 wire voice grade analog circuit connecting to a compatible port with like-to-like service. Such pre-assembled combinations of loop, switch line port and shared transport shall be ordered and converted to the Co-Provider in accordance with the ordering provisions for resale services.

Qwest is not required to assemble or combine on behalf of the Co-Provider any Unbundled Network Elements that have not been combined by Qwest at the time of the Co-Provider's order.

The cost is per first and each additional line per order. This applies to existing customers and new customers.

## B. DESCRIPTION OF SERVICE (Cont'd)

**UNBUNDLED NETWORK ELEMENT COMBINATION – PRIVATE LINE (EEL, LMC)**
A Co-Provider may order a pre-assembled combination of Unbundled Network Elements on an "as is" basis as defined as an existing circuit connecting to a compatible port with like-to-like service. Such pre-assembled combinations of loop, switch line port and shared transport shall be ordered and converted to the Co-Provider in accordance with the ordering provisions for resale services.

Qwest is not required to assemble or combine on behalf of the Co-Provider any Unbundled Network Elements that have not been combined by Qwest at the time of the Co-Provider's order. The cost is per private line order. This applies to existing customers.

**ENHANCED EXTENDED LINK**
The Enhanced Extended Loop (EEL) is a private line transport like service available to Co-Providers. EEL originates in the Qwest wire center where the Co-Provider's equipment is collocated. The EEL provides the Co-Provider with the ability to access end users not located in the same Qwest Serving Wire Center collocated by the Co-Provider. EEL is available only in designated Qwest Serving Wire Centers where permitted by regulatory order. EEL may not cross LATAs.

**ACCESS TO POLES, DUCTS, CONDUITS AND RIGHT OF WAY**
**Pole, Innerduct Inquiry**
These fees are intended to cover expenses associated with performing an internal record (database) review, preparing a cost estimate for the required field survey, public record review, setting up an account, and determining time frames for completion of each task to meet the CLECs Request.

The Pole Inquiry and Innerduct Inquiry costs are per mile.

**Pole, Innerduct (Manhole) Verification**
Upon review and acceptance of signed Attachment 1.B and payment of the verification fees by the CLEC, Qwest will conduct facilities verification and provide the requested information which may or may not include the following: a review of public and internal Qwest right-of-way records for restrictions, identification of additional rights-of-way required; a field survey and site investigation of the Innerduct, including the preparation of distances and drawings, to determine availability on existing Innerduct; identification of any make-ready costs required to be paid by the CLEC, if applicable, prior to installing its facilities.

The pole verification cost is per pole.
The manhole verification cost is per manhole.

**BONA FIDE REQUEST PROCESS**
The purpose of the BFR process is to receive and analyze bona fide requests for interconnection or access to new unbundled network elements from co-carriers (competitive local exchange carriers or CMRS wireless providers). The cost is per request.

## B. DESCRIPTION OF SERVICE (Cont'd)

**NEW UNE-P DID**

UNE-P DID (Direct Inward Dialing) service is a combination of pre-existing elements which provides a special trunking arrangement. UNE-P DID allows incoming calls from the exchange network to reach specific PBX stations directly without an attendant's assistance. These trunks are provided as a line-side connection off the switch. The co-provider must subscribe to a sufficient number of trunk orts to adequately handle the volume of incoming calls. DID service is offered with analog or digital 2-way. If digital, the individual DSO's are 2-way trunks using advanced service that requires DID ports.

**NEW UNE-P DSS**

Digital Switched Service (DSS) provides digital exchange service for PBX customers. DSS includes a DSS facility, common equipment, local exchange switching and flat usage trunks for access to the local exchange and toll networks. Each DSS facility utilizes 24 channels that may be configured as either basic or advanced trunks, as defined below, or a combination of both types of trunks.

**Basic Trunks**

- In-Only Trunk – One-way trunk which only allows traffic from the central office switch to be transmitted to the PBX.
- Out-Only Trunk – One-way trunk that only allows traffic originating in the PBX to be transmitted to the central office switch.
- Two-Way Trunk – Trunk which allows for traffic to be transmitted from either the central office or the PBX.

**Advanced Trunks**

- In-Only with DID Trunk – In-only trunk with Direct Inward Dialing (DID) feature.
- Out-Only Trunk with Answer Supervision – Out-Only trunk with answer supervision feature. This feature passes answer back signaling from the central office switch to the customer's PBX when a PBX call has been either completed or answered.
- Two-Way Trunk with DID and Answer Supervision – TwoWay trunk with DID and answer supervision features. Requires a DID trunk circuit termination.

**NEW UNE-P PRI**

ISDN Primary Rate Service (PRS) is a digital four-wire full duplex transmission path between a digital PBX or other communications terminal and an ISDN equipped central office. One PRS can provide up to twenty-three 64 KBPS "B" channels for circuit switched voice or data services and one 64 kbps "D" channel to provide the out-of-band signaling for the B channels. A PRS is provisioned using a DS1 facility with Clear Channel Capability. The DS1 facility consists of 24 time slots. PRS supports circuit switched voice or data access to the circuit switched network. Currently, PRS does not offer packet services on either the B or the D channel.

**NEW UNE-P BRI ISDN**

ISDN BRI Port is a 2B+D PACKAGE. Contained in the standard BRI port is base voice and data elements. For flexibility and customization optional features can be added. Within the standard package there is limited flexibility for customization. ISDN BRI Port does not offer B-Channel packet service capabilities. The non-recurring charges for each UNE will apply.

## B. DESCRIPTION OF SERVICE (Cont'd)

Standard features and functions include:

2B+D
AIOD
Additional Call Appearance
B Channel Circuit Switched Data
Call Exclusion
Call Forward Busy Line
Call Forward Don't Answer
Call Forward Variable
Call Hold
Call Transfer
Calling Number Delivery Blocking/Call
Calling Party Number Delivery
Common Block
Conference Calling – 3 Way
D Channel Packet Switched Data
Display Calling Number (OCLID)
Display Called Number (ICLID)
Drop
Intercom
Message Waiting Indicator Audible/Visual
Primary Directory Number
Ringing
Secondary Directory Number
Shared Call Appearance
Speed Call 30
Standard Configuration Group
X.25 Fast Select
X.25 Flow Control Parameter Negotiation
X.25 Logical Channels
X.25 Reverse Charging
X.25 Throughout Class Negotiation

**LOOP MUX COMBINATION**

The Loop Mux Combination (LMC) offering is a combination of an unbundled loop with a multiplexer. The LMC must be collocated within the same Qwest Wire Center. An EEL loop may also be connected to the LMC multiplexer.

Loop Mux provides the Co-provider with the availability to access end users and aggregate DS1 or DSO loops to a higher bandwidth via a DS1 or DS3 multiplexer. There is no transport between the multiplexer and collocation with the Loop Mux combination. The Loop Mux facility must terminate in a collocation. The connection to the collocation is provided by an ITP (Interconnection Tie Pair).

## B. DESCRIPTION OF SERVICE (Cont'd)

The cost elements are as follows:

UNE-Combination LMC Multiplexer DS1 TO DSO
UNE-Combination LMC Multiplexer DS3 TO DS1
UNE-Combination LMC-Loop DSO First
UNE-Combination LMC-Loop DSO Each additional
UNE-Combination LMC-Loop DS1 First
UNE-Combination LMC-Lop DS1 Each additional

## C. STUDY METHODOLOGY

The Nonrecurring Cost Program (NRC) performs mechanized cost calculations associated with the one time labor expense resulting from a customer request for service. Inputs to the calculations include: labor time, probability of occurrence, labor rate, and expense factors. Formatting commands performed by the program generate Total Element Long Run Increment Cost (TELRIC) results.

**Following is a description of the required data inputs:**

**Time Estimates:**
The time estimate is the average amount of time required to perform a particular work function. Time estimates are obtained from subject matter experts who represent the groups doing the work.

**Probabilities:**
A probability is the percentage of time Qwest performs a particular work function in the provision of a particular service offering. Probabilities are developed from reports and from the input of Subject Matter Experts.

**Labor Rates:**
Directly assigned labor rates are based on expense data from the general ledger journal file (Service Order Processing/Other) and from the incurred expenses of Account 6534 (Plant) and 6535 (Engineering). The directly assigned labor rates consist of costs that can be attributed to the function being performed and are forward looking based on the wage and salary index, the percent change in the post-retirement benefits, and the Consumer Price Index. Components that make up labor rates include: basic wages and salaries, supervision and support, benefits, and other miscellaneous costs.

**Expense Factors:**
The program applies expense factors to the direct cost. The factors include Commercial Marketing, Network Support, Directly Attributable, and Common.

Once the service provisioning process has been identified, the appropriate times, Probabilities, and labor rate/work group identifies are formatted into NRC Program input data sheets. The process specific input files are then inserted into the NRC Program. The program user selects run options on a menu, and the NRC program then accesses the appropriate input from the NRC program workbook spreadsheets to calculate cost results.

## C. STUDY METHODOLOGY (Cont'd)

The cost calculations consist of Labor Time times Probability of Occurrence times Labor Rate equals Direct Cost. Added to the Direct cost are appropriate Expense Factors that calculate and display **Total Direct (TELRIC)** Total Element Long Run Incremental Cost, **Direct *plus* Network Support, Direct *plus* Network Support *plus* Attributable**, and **Fully Allocated Costs**. (See *Section D, Description of Total Element Long Run Incremental Costs* for detailed description of the various cost levels).

## D. DESCRIPTION OF TOTAL ELEMENT LONG RUN INCREMENTAL COSTS

Qwest Communications uses an incremental method to estimate product and service costs. It provides a measurement of costs over a period of time long enough to fully adjust to change output (e.g., size of facilities, levels of investment) to optimally accommodate this change. This methodology is forward looking in nature (i.e., it uses the latest technology costs or replacement costs). Since this incremental methodology is forward looking, it does *not* measure historic investment decisions of the corporation.

The QWEST incremental format disaggregates the cost results on a unitized basis into the components shown below:

**Total Service Long Run Incremental Cost (TSLRIC)** -- Total Service Long Run Incremental cost is the forward-looking cost avoided (or added) by discontinuing (or offering) an entire service or group of services in the most efficient manner, holding constant the production of all other services produced by the firm. This cost is often referred to in economic terms as the *direct* cost.

**Shared Cost (SC)** -- The cost associated with the provision of multiple services (service family). This cost is not volume sensitive and is eliminated only if the entire service family is discontinued.

**Total Service Long Run Incremental Costs plus Shared Costs (TSLRIC + SC)** -- The total Service Long Run Incremental Costs for a service plus the Shared Costs of a family of services.

**Total Element Long Run Incremental Cost (TELRIC)** -- Total Element Long Run Incremental cost, as defined by the Federal Communications Commission, is the sum of the forward-looking direct cost incurred in the production of a network element (as opposed to an entire service), attributed costs considered as shared under TSLRIC terminology and selected administrative costs considered as common under TSLRIC terminology.

**Common Cost (CC)**

**For TSLRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole. This cost does not vary with the provision of a service or a service family. These costs are sometimes referred to as *general overhead costs*. The Common Cost added to the TSLRIC + SC produces a **Fully Allocated Cost (FAC)** as required by commission rules.

**For TELRIC** purposes, common costs are the current cost incurred for the benefit of the enterprise as a whole, after those costs that vary with the provisioning of individual network elements are removed. The costs removed from common for TELRIC
purposes are included in TELRIC itself. **Total Element Long Run Incremental Cost plus TELRIC common costs (TELRIC + CC)** form the basis for pricing of Interconnection network

## D. DESCRIPTION OF TOTAL ELEMENT LONG RUN INCREMENTAL COSTS (Cont'd)

elements. TELRIC + CC is the equivalent of fully allocated cost as the term is applied to network elements.

Typically, the costs identified by these cost categories include capital costs for depreciation, return, and income taxes. TSLRIC also includes ongoing operating costs for: maintenance expense, assignable administration expense, product management expense, pre sales expense, sales compensation expense, expensed right to use fees, ad Valorem taxes and business fees.

## E. STUDY ASSUMPTIONS

The cost factors used in this study are based on Prescribed Lives.

## F. STUDY SUMMARY

### Study Summary

| | | |
|---|---|---|
| **Study Name** | South Dakota Interconnection Docket | |
| **Study Requester** | *Doug Gollehon* | |
| **Type of Study** | *Total Element Long Run Incremental Costs (TELRIC)* | |
| **Study ID** | *#5416* | |
| **Study Applications** | *Pricing Decisions and Tariff Support* | |
| **Completion Date** | *07-03-01* | |
| **Cost Analyst** | *Dan Deffley* | |
| | | |
| | | |
| **Cost Models Used** | **Model** | **Version/Release Date** |
| | *ENRC* | *ENRC 214* |
| | | |
| | | |
| | | |
| | | |
| **Cost Factors Used** | **Factor** | **Effective Date** |
| | *Directly Assigned* | *06/01* |
| | *Directly Attributable* | *06/01* |
| | *Common* | *06/01* |
| **Cost of Money** | *10.14%* | |
| | | |
| **Major Cost Drivers** | *Labor Times, Labor Rates and associated weightings.* | |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED | $0.49 | + | $0.02 | = | $0.51 | + | $0.12 | = | $0.63 | + | $0.03 | = | $0.66 |
| CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED | $0.10 | + | $0.00 | = | $0.10 | + | $0.02 | = | $0.13 | + | $0.01 | = | $0.13 |
| CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL | $11.75 | + | $0.43 | = | $12.18 | + | $2.89 | = | $15.07 | + | $0.68 | = | $15.75 |
| CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL | $1.96 | + | $0.07 | = | $2.03 | + | $0.48 | = | $2.51 | + | $0.11 | = | $2.62 |
| CUSTOMER TRANSFER CHARGE PRIVATE LINE FIRST | $29.61 | + | $1.09 | = | $30.71 | + | $7.28 | = | $37.98 | + | $1.72 | = | $39.70 |
| CUSTOMER TRANSFER CHARGE PRIVATE LINE EA ADDL | $29.61 | + | $1.09 | = | $30.71 | + | $7.28 | = | $37.98 | + | $1.72 | = | $39.70 |
| CUSTOMER TRANSFER CHARGE ADVANCED COMMUNICATION SERVICE PER CKT | $37.20 | + | $1.37 | = | $38.57 | + | $9.14 | = | $47.71 | + | $2.16 | = | $49.87 |
| DS1 ENTRANCE FACILITY | $158.57 | + | $5.85 | = | $164.42 | + | $38.96 | = | $203.38 | + | $9.19 | = | $212.56 |
| DS3 ENTRANCE FACILITY | $300.18 | + | $11.07 | = | $311.25 | + | $73.75 | = | $385.00 | + | $17.39 | = | $402.39 |
| MULTIPLEX DS1 TO DSO | $193.79 | + | $7.15 | = | $200.94 | + | $47.61 | = | $248.55 | + | $11.23 | = | $259.78 |
| MULTIPLEX DS3 TO DS1 | $193.79 | + | $7.15 | = | $200.94 | + | $47.61 | = | $248.55 | + | $11.23 | = | $259.78 |
| SWITCHED TRANSPORT DS1 TRUNK FIRST | $256.27 | + | $9.45 | = | $265.72 | + | $62.96 | = | $328.69 | + | $14.85 | = | $343.53 |
| SWITCHED TRANSPORT DS1 TRUNK EA ADDL | $4.27 | + | $0.16 | = | $4.43 | + | $1.05 | = | $5.48 | + | $0.25 | = | $5.73 |
| SWITCHED TRANSPORT DS3 TRUNK FIRST | $261.19 | + | $9.63 | = | $270.82 | + | $64.17 | = | $334.99 | + | $15.13 | = | $350.12 |
| SWITCHED TRANSPORT DS3 TRUNK EA ADDL | $9.20 | + | $0.34 | = | $9.54 | + | $2.26 | = | $11.80 | + | $0.53 | = | $12.33 |
| CLEC TO CLEC COLLOCATION CROSS-CONNECTION | $184.96 | + | $6.82 | = | $191.78 | + | $45.44 | = | $237.22 | + | $10.72 | = | $247.94 |
| CABLE UNLOADING/BRIDGE TAP REMOVAL | $470.98 | + | $17.37 | = | $488.35 | + | $115.72 | = | $604.07 | + | $27.29 | = | $631.35 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOP BASIC INSTALL FIRST | $67.09 | + | $2.47 | = | $69.57 | + | $16.48 | = | $86.05 | + | $3.89 | = | $89.94 |
| LOOP BASIC INSTALL EA ADDL | $55.91 | + | $2.06 | = | $57.97 | + | $13.74 | = | $71.71 | + | $3.24 | = | $74.95 |
| LOOP BASIC INSTALL WITH PERFORMANCE TESTING FIRST | $142.12 | + | $5.24 | = | $147.37 | + | $34.92 | = | $182.28 | + | $8.23 | = | $190.52 |
| LOOP BASIC INSTALL WITH PERFORMANCE TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 |
| LOOP COORD INSTALL, COOP TESTING FIRST | $170.95 | + | $6.31 | = | $177.26 | + | $42.00 | = | $219.26 | + | $9.90 | = | $229.16 |
| LOOP COORD INSTALL, COOP TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 |
| LOOP COORD INSTALL WITHOUT TESTING FIRST | $72.20 | + | $2.66 | = | $74.87 | + | $17.74 | = | $92.61 | + | $4.18 | = | $96.79 |
| LOOP COORD INSTALL WITHOUT TESTING EA ADDL | $61.02 | + | $2.25 | = | $63.27 | + | $14.99 | = | $78.27 | + | $3.54 | = | $81.80 |
| LOOP BASIC INSTALL COOP TESTING FIRST | $142.12 | + | $5.24 | = | $147.37 | + | $34.92 | = | $182.28 | + | $8.23 | = | $190.52 |
| LOOP BASIC INSTALL COOP TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL FIRST | $127.70 | + | $4.71 | = | $132.41 | + | $31.37 | = | $163.78 | + | $7.40 | = | $171.18 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL EACH ADDITIONAL | $87.23 | + | $3.22 | = | $90.44 | + | $21.43 | = | $111.88 | + | $5.05 | = | $116.93 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL PERFORMANCE TEST FIRST | $224.39 | + | $8.28 | = | $232.67 | + | $55.13 | = | $287.80 | + | $13.00 | = | $300.80 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL PERFORMANCE TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITH COOP TEST FIRST | $253.22 | + | $9.34 | = | $262.56 | + | $62.21 | = | $324.78 | + | $14.67 | = | $339.44 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITH COOP TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITHOUT TEST FIRST | $134.27 | + | $4.95 | = | $139.22 | + | $32.99 | = | $172.21 | + | $7.78 | = | $179.99 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITHOUT TEST EA ADDL | $93.80 | + | $3.46 | = | $97.26 | + | $23.05 | = | $120.30 | + | $5.43 | = | $125.74 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST FIRST | $224.39 | + | $8.28 | = | $232.67 | + | $55.13 | = | $287.80 | + | $13.00 | = | $300.80 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 |
| SUBLOOP DISTRIBUTION FIRST | $79.98 | + | $2.95 | = | $82.93 | + | $19.65 | = | $102.57 | + | $4.63 | = | $107.21 |
| SUBLOOP DISTRIBUTION EACH ADDITIONAL | $22.95 | + | $0.85 | = | $23.80 | + | $5.64 | = | $29.44 | + | $1.33 | = | $30.77 |
| SUBLOOP FIELD CONNECTION POINT QUOTATION PREP FEE | $1,182.31 | + | $43.61 | = | $1,225.92 | + | $290.48 | = | $1,516.40 | + | $68.49 | = | $1,584.90 |
| SUBLOOP DS1 FEEDER FIRST | $233.54 | + | $8.61 | = | $242.16 | + | $57.38 | = | $299.54 | + | $13.53 | = | $313.07 |
| SUBLOOP DS1 FEEDER EACH ADDITIONAL | $165.65 | + | $6.11 | = | $171.77 | + | $40.70 | = | $212.46 | + | $9.60 | = | $222.06 |
| SHARED LOOP (per loop per order) | $26.47 | + | $0.98 | = | $27.44 | + | $6.50 | = | $33.94 | + | $1.53 | = | $35.48 |
| NETWORK INTERFACE DEVICE | $49.62 | + | $1.83 | = | $51.46 | + | $12.19 | = | $63.65 | + | $2.87 | = | $66.52 |
| UDIT DSO | $222.17 | + | $8.19 | = | $230.36 | + | $54.58 | = | $284.95 | + | $12.87 | = | $297.82 |
| UDIT DS1/DS3/OC3/OC12/OC48 | $254.62 | + | $9.39 | = | $264.01 | + | $62.56 | = | $326.56 | + | $14.75 | = | $341.32 |
| UDIT M1-3 MULTIPLEXING | $1,853.73 | + | $68.38 | = | $1,922.11 | + | $455.45 | = | $2,377.55 | + | $107.39 | = | $2,484.94 |
| UDIT M1-0 MULTIPLEXING HIGH SIDE | $197.44 | + | $7.28 | = | $204.73 | + | $48.51 | = | $253.24 | + | $11.44 | = | $264.68 |
| UDIT M1-0 MULTIPLEXING LOW SIDE | $173.03 | + | $6.38 | = | $179.41 | + | $42.51 | = | $221.92 | + | $10.02 | = | $231.94 |
| EUDIT DS1/DS3/OC3/OC12/OC48 | $296.81 | + | $10.95 | = | $307.76 | + | $72.92 | = | $380.69 | + | $17.20 | = | $397.88 |
| UDIT DS0 REARRANGEMENT DUAL OFFICE | $158.05 | + | $5.83 | = | $163.88 | + | $38.83 | = | $202.71 | + | $9.16 | = | $211.86 |
| UDIT DS0 REARRANGEMENT SINGLE OFFICE | $127.16 | + | $4.69 | = | $131.85 | + | $31.24 | = | $163.09 | + | $7.37 | = | $170.46 |
| UDIT HICAP REARRANGEMENT DUAL OFFICE | $191.92 | + | $7.08 | = | $199.00 | + | $47.15 | = | $246.15 | + | $11.12 | = | $257.27 |
| UDIT HICAP REARRANGEMENT SINGLE OFFICE | $171.99 | + | $6.34 | = | $178.33 | + | $42.26 | = | $220.59 | + | $9.96 | = | $230.55 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DARK FIBER - INITIAL RECORDS INQUIRY SIMPLE | $182.00 | + | $6.71 | = | $188.72 | + | $44.72 | = | $233.44 | + | $10.54 | = | $243.98 |
| DARK FIBER - INITIAL RECORDS INQUIRY COMPLEX | $213.66 | + | $7.88 | = | $221.54 | + | $52.49 | = | $274.03 | + | $12.38 | = | $286.41 |
| DARK FIBER - ENGINEER VERIFICATION | $250.17 | + | $9.23 | = | $259.40 | + | $61.47 | = | $320.87 | + | $14.49 | = | $335.36 |
| DARK FIBER - SPLICE | $478.32 | + | $17.64 | = | $495.97 | + | $117.52 | = | $613.49 | + | $27.71 | = | $641.20 |
| DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION | $728.31 | + | $26.86 | = | $755.18 | + | $178.94 | = | $934.12 | + | $42.19 | = | $976.31 |
| DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR | $428.84 | + | $15.82 | = | $444.66 | + | $105.36 | = | $550.03 | + | $24.84 | = | $574.87 |
| DARK FIBER NRC PER OCCURRENCE, PER ROUTE - EACH ADDL FIBER STRAND OR PAIR | $196.15 | + | $7.24 | = | $203.39 | + | $48.19 | = | $251.58 | + | $11.36 | = | $262.94 |
| OPTICAL CROSS CONN - PER FIBER STRAND OR PAIR PER CENTRAL OFFICE | $15.55 | + | $0.57 | = | $16.13 | + | $3.82 | = | $19.95 | + | $0.90 | = | $20.85 |
| 9.11.1 DS1 LOCAL MESSAGE TRUNK PORT | $160.48 | + | $5.92 | = | $166.40 | + | $39.43 | = | $205.82 | + | $9.30 | = | $215.12 |
| 9.11.2 TRUNK GROUP, FIRST | $157.23 | + | $5.80 | = | $163.03 | + | $38.63 | = | $201.66 | + | $9.11 | = | $210.77 |
| 9.11.3 MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK | $17.67 | + | $0.65 | = | $18.32 | + | $4.34 | = | $22.66 | + | $1.02 | = | $23.68 |
| ANALOG LINESIDE PORT FIRST | $116.57 | + | $4.30 | = | $120.87 | + | $28.64 | = | $149.51 | + | $6.75 | = | $156.26 |
| ANALOG LINESIDE PORT EACH ADDITIONAL | $72.47 | + | $2.67 | = | $75.14 | + | $17.80 | = | $92.94 | + | $4.20 | = | $97.14 |
| 9.11.1.3 CENTREX COMMON EQUIPMENT | $870.23 | + | $32.10 | = | $902.33 | + | $213.81 | = | $1,116.14 | + | $50.41 | = | $1,166.55 |
| ACCOUNT CODES, PER SYSTEM | $57.72 | + | $2.13 | = | $59.85 | + | $14.18 | = | $74.04 | + | $3.34 | = | $77.38 |
| ATTENDANT ACCESS LINE - PER STATION LINE | $0.83 | + | $0.03 | = | $0.86 | + | $0.20 | = | $1.07 | + | $0.05 | = | $1.12 |
| AUDIBLE MESSAGE WAITING | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 |
| AUTHORIZATION CODES - PER SYSTEM | $172.64 | + | $6.37 | = | $179.01 | + | $42.42 | = | $221.42 | + | $10.00 | = | $231.42 |
| AUTOMATIC LINE, per station line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| ARS - COMMON EQUIPMENT, per system | $1,514.72 | + | $55.87 | = | $1,570.59 | + | $372.15 | = | $1,942.75 | + | $87.75 | = | $2,030.50 |
| CALL DROP | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| CALL EXCLUSION - AUTOMATIC | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 |
| CALL EXCLUSION | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 |
| CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 |
| CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT | $11.30 | + | $0.42 | = | $11.72 | + | $2.78 | = | $14.49 | + | $0.65 | = | $15.15 |
| CALL WAITING INDICATION, per unique timing state, per timing state | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 |
| CFBL INCOMING ONLY | $27.36 | + | $1.01 | = | $28.37 | + | $6.72 | = | $35.09 | + | $1.58 | = | $36.67 |
| CFDA INCOMING ONLY | $27.36 | + | $1.01 | = | $28.37 | + | $6.72 | = | $35.09 | + | $1.58 | = | $36.67 |
| CONFERENCE CALLING - MEET ME - PER SYSTEM | $30.64 | + | $1.13 | = | $31.77 | + | $7.53 | = | $39.30 | + | $1.78 | = | $41.08 |
| CONFERENCE CALLING - PRESET - PER SYSTEM | $30.64 | + | $1.13 | = | $31.77 | + | $7.53 | = | $39.30 | + | $1.78 | = | $41.08 |
| DIR STA SEL/BUSY LAMP FLD, per arrangement | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| DIRECTED CALL PICK UP BARGE-IN | $14.55 | + | $0.54 | = | $15.08 | + | $3.57 | = | $18.66 | + | $0.84 | = | $19.50 |
| DIRECTED CALL PICKUP WITHOUT BARGE-IN | $14.55 | + | $0.54 | = | $15.08 | + | $3.57 | = | $18.66 | + | $0.84 | = | $19.50 |
| DISTINCTIVE RING/DISTINCTIVE CALL WAITING | $29.08 | + | $1.07 | = | $30.16 | + | $7.15 | = | $37.30 | + | $1.68 | = | $38.99 |
| EXPENSIVE ROUTE WARNING TONE - PER SYSTEM | $51.88 | + | $1.91 | = | $53.80 | + | $12.75 | = | $66.54 | + | $3.01 | = | $69.55 |
| FACILITY RESTRICTION LEVEL - PER SYSTEM | $31.92 | + | $1.18 | = | $33.09 | + | $7.84 | = | $40.94 | + | $1.85 | = | $42.78 |
| GROUP INTERCOM - PER LINE | $0.33 | + | $0.01 | = | $0.34 | + | $0.08 | = | $0.42 | + | $0.02 | = | $0.44 |
| HOT LINE - per line equipped, per line | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 |
| HUNTING - MULTIPOSITION HUNT QUEUING - per group | $27.84 | + | $1.03 | = | $28.87 | + | $6.84 | = | $35.71 | + | $1.61 | = | $37.32 |
| HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE | $27.84 | + | $1.03 | = | $28.87 | + | $6.84 | = | $35.71 | + | $1.61 | = | $37.32 |
| HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE | $29.40 | + | $1.08 | = | $30.48 | + | $7.22 | = | $37.70 | + | $1.70 | = | $39.41 |
| ISDN SHORT HUNT | $1.23 | + | $0.05 | = | $1.27 | + | $0.30 | = | $1.57 | + | $0.07 | = | $1.64 |
| LOUDSPEAKER PAGING TRUNK SIDE, per group | $127.36 | + | $4.70 | = | $132.06 | + | $31.29 | = | $163.35 | + | $7.38 | = | $170.73 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAKE BUSY ARRANGEMENTS, per group | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 |
| MAKE BUSY ARRANGEMENTS, per line | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 |
| MESSAGE CENTER - per main station line, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| MESSAGE WAITING VISUAL, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| MUSIC ON HOLD - per system | $16.69 | + | $0.62 | = | $17.31 | + | $4.10 | = | $21.41 | + | $0.97 | = | $22.37 |
| PRIVACY RELEASE, per station line | $0.34 | + | $0.01 | = | $0.35 | + | $0.08 | = | $0.44 | + | $0.02 | = | $0.46 |
| QUERY TIME, per station line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| STATION CAMP-ON, per main line, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 |
| TIME OF DAY CONTROL FOR ARS - PER SYSTEM | $90.78 | + | $3.35 | = | $94.12 | + | $22.30 | = | $116.43 | + | $5.26 | = | $121.69 |
| TIME OF DAY NCOS UPDATED, PER MAIN STATION | $0.39 | + | $0.01 | = | $0.40 | + | $0.10 | = | $0.50 | + | $0.02 | = | $0.52 |
| TIME OF DAY ROUTING, per line | $0.37 | + | $0.01 | = | $0.39 | + | $0.09 | = | $0.48 | + | $0.02 | = | $0.50 |
| TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED | $0.28 | + | $0.01 | = | $0.29 | + | $0.07 | = | $0.36 | + | $0.02 | = | $0.38 |
| UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 |
| CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION | $700.96 | + | $25.86 | = | $726.82 | + | $172.22 | = | $899.03 | + | $40.61 | = | $939.64 |
| CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION | $350.48 | + | $12.93 | = | $363.41 | + | $86.11 | = | $449.52 | + | $20.30 | = | $469.82 |
| CMS - PACKET CONTROL CAPABILITY, PER SYSTEM | $350.48 | + | $12.93 | = | $363.41 | + | $86.11 | = | $449.52 | + | $20.30 | = | $469.82 |
| SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION | $244.78 | + | $9.03 | = | $253.81 | + | $60.14 | = | $313.95 | + | $14.18 | = | $328.13 |
| SMDR-P - ARCHIVED DATA | $127.91 | + | $4.72 | = | $132.63 | + | $31.43 | = | $164.05 | + | $7.41 | = | $171.46 |
| 9.12.1.4 SUBSEQUENT ORDER CHARGE | $9.79 | + | $0.36 | = | $10.15 | + | $2.41 | = | $12.56 | + | $0.57 | = | $13.12 |
| 9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) | $168.93 | + | $6.23 | = | $175.16 | + | $41.51 | = | $216.67 | + | $9.79 | = | $226.46 |
| 9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY | $151.44 | + | $5.59 | = | $157.03 | + | $37.21 | = | $194.23 | + | $8.77 | = | $203.01 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL | $123.78 | + | $4.57 | = | $128.35 | + | $30.41 | = | $158.76 | + | $7.17 | = | $165.93 |
| 9.12.1.6.3 MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL | $34.54 | + | $1.27 | = | $35.81 | + | $8.49 | = | $44.30 | + | $2.00 | = | $46.30 |
| 9.12.1.6.4 DS1 PRI ISDN TRUNK PORT | $452.46 | + | $16.69 | = | $469.15 | + | $111.16 | = | $580.31 | + | $26.21 | = | $606.52 |
| CCSAC STP PORT | $317.64 | + | $11.72 | = | $329.35 | + | $78.04 | = | $407.39 | + | $18.40 | = | $425.79 |
| CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER | $83.21 | + | $3.07 | = | $86.28 | + | $20.44 | = | $106.72 | + | $4.82 | = | $111.54 |
| CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER | $6.91 | + | $0.25 | = | $7.16 | + | $1.70 | = | $8.86 | + | $0.40 | = | $9.26 |
| CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER | $97.02 | + | $3.58 | = | $100.60 | + | $23.84 | = | $124.44 | + | $5.62 | = | $130.06 |
| CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER | $41.45 | + | $1.53 | = | $42.98 | + | $10.18 | = | $53.16 | + | $2.40 | = | $55.56 |
| ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR) | $22.97 | + | $0.85 | = | $23.82 | + | $5.64 | = | $29.46 | + | $1.33 | = | $30.79 |
| ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 |
| ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR) | $6.53 | + | $0.24 | = | $6.77 | + | $1.60 | = | $8.38 | + | $0.38 | = | $8.75 |
| ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR) | $13.06 | + | $0.48 | = | $13.54 | + | $3.21 | = | $16.75 | + | $0.76 | = | $17.51 |
| ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR) | $20.02 | + | $0.74 | = | $20.76 | + | $4.92 | = | $25.68 | + | $1.16 | = | $26.84 |
| ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR) | $26.74 | + | $0.99 | = | $27.73 | + | $6.57 | = | $34.30 | + | $1.55 | = | $35.85 |
| ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR) | $33.47 | + | $1.23 | = | $34.70 | + | $8.22 | = | $42.93 | + | $1.94 | = | $44.87 |
| TESTING AND MAINTENANCE - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 |
| TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 |
| TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR) | $20.02 | + | $0.74 | = | $20.76 | + | $4.92 | = | $25.68 | + | $1.16 | = | $26.84 |
| MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR) | $26.74 | + | $0.99 | = | $27.73 | + | $6.57 | = | $34.30 | + | $1.55 | = | $35.85 |
| MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR) | $33.47 | + | $1.23 | = | $34.70 | + | $8.22 | = | $42.93 | + | $1.94 | = | $44.87 |
| ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 |
| ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 |
| ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 |
| NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 |
| NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 |
| NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 |
| NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 |
| NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 |
| NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 |
| COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 |
| COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 |
| COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH) | $0.24 | + | $0.01 | = | $0.25 | + | $0.06 | = | $0.31 | + | $0.01 | = | $0.32 |
| COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 |
| COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 |
| MANUAL SCHEDULED TESTING - LOSS (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 |
| MANUAL SCHEDULED TESTING - BALANCE (PER MONTH) | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.64 |
| MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 |
| MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 |
| ADDITIONAL DISPATCH CHARGE | $61.03 | + | $2.25 | = | $63.28 | + | $15.00 | = | $78.28 | + | $3.54 | = | $81.82 |
| DATE CHANGE | $7.51 | + | $0.28 | = | $7.78 | + | $1.84 | = | $9.63 | + | $0.43 | = | $10.06 |
| DESIGN CHANGE | $53.46 | + | $1.97 | = | $55.43 | + | $13.13 | = | $68.57 | + | $3.10 | = | $71.66 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MECHANIZED EXISTING SERVICE | $0.49 | + | $0.02 | = | $0.51 | + | $0.12 | = | $0.63 | + | $0.03 | = | $0.66 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MECHANIZED EXISTING SERVICE | $0.10 | + | $0.00 | = | $0.10 | + | $0.02 | = | $0.13 | + | $0.01 | = | $0.13 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MANUAL EXISTING SERVICE | $11.75 | + | $0.43 | = | $12.18 | + | $2.89 | = | $15.07 | + | $0.68 | = | $15.75 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MANUAL EXISTING SERVICE | $1.96 | + | $0.07 | = | $2.03 | + | $0.48 | = | $2.51 | + | $0.11 | = | $2.62 |
| UNE-P PBX DID TRUNKS EXISTING SERVICE | $17.94 | + | $0.66 | = | $18.60 | + | $4.41 | = | $23.01 | + | $1.04 | = | $24.05 |
| UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 |
| UNE-P ISDN BRI EXISTING SERVICE FIRST | $19.27 | + | $0.71 | = | $19.98 | + | $4.74 | = | $24.72 | + | $1.12 | = | $25.84 |
| UNE-P ISDN BRI EXISTING SERVICE EACH ADDL | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 |
| UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE | $17.27 | + | $0.64 | = | $17.91 | + | $4.24 | = | $22.15 | + | $1.00 | = | $23.15 |
| UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE | $17.94 | + | $0.66 | = | $18.60 | + | $4.41 | = | $23.01 | + | $1.04 | = | $24.05 |
| UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 |
| UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE | $40.08 | + | $1.48 | = | $41.56 | + | $9.85 | = | $51.41 | + | $2.32 | = | $53.73 |
| UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE | $11.50 | + | $0.42 | = | $11.93 | + | $2.83 | = | $14.75 | + | $0.67 | = | $15.42 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UNE-P POTS FIRST LINE MANUAL NEW SERVICE | $59.50 | + | $2.19 | = | $61.69 | + | $14.62 | = | $76.31 | + | $3.45 | = | $79.76 |
| UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE | $13.36 | + | $0.49 | = | $13.85 | + | $3.28 | = | $17.14 | + | $0.77 | = | $17.91 |
| UNE-C EEL, LMC-MUX PRIVATE LINE DS0/DS1/DS3/OCN/INTERGRATED T1 EXISTING SERVICE | $23.61 | + | $0.87 | = | $24.48 | + | $5.80 | = | $30.28 | + | $1.37 | = | $31.65 |
| DS0 ENHANCED EXTENDED LOOP FIRST | $185.17 | + | $6.83 | = | $192.00 | + | $45.49 | = | $237.49 | + | $10.73 | = | $248.22 |
| DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL | $137.98 | + | $5.09 | = | $143.07 | + | $33.90 | = | $176.97 | + | $7.99 | = | $184.96 |
| DS1 ENHANCED EXTENDED LOOP FIRST | $227.01 | + | $8.37 | = | $235.39 | + | $55.77 | = | $291.16 | + | $13.15 | = | $304.31 |
| DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL | $169.36 | + | $6.25 | = | $175.61 | + | $41.61 | = | $217.22 | + | $9.81 | = | $227.03 |
| DS3 ENHANCED EXTENDED LOOP FIRST | $244.67 | + | $9.02 | = | $253.69 | + | $60.11 | = | $313.80 | + | $14.17 | = | $327.98 |
| DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL | $187.02 | + | $6.90 | = | $193.92 | + | $45.95 | = | $239.86 | + | $10.83 | = | $250.70 |
| DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX | $190.92 | + | $7.04 | = | $197.96 | + | $46.91 | = | $244.87 | + | $11.06 | = | $255.93 |
| DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX | $190.92 | + | $7.04 | = | $197.96 | + | $46.91 | = | $244.87 | + | $11.06 | = | $255.93 |
| POLE INQUIRY FEE - PER MILE | $233.02 | + | $8.60 | = | $241.62 | + | $57.25 | = | $298.87 | + | $13.50 | = | $312.37 |
| INNERDUCT INQUIRY FEE - PER MILE | $280.10 | + | $10.33 | = | $290.43 | + | $68.82 | = | $359.25 | + | $16.23 | = | $375.48 |
| FIELD VERIFICATION FEE - POLES PER POLE | $25.88 | + | $0.95 | = | $26.83 | + | $6.36 | = | $33.19 | + | $1.50 | = | $34.69 |
| FIELD VERIFICATION FEE - MANHOLES PER MANHOLE | $336.44 | + | $12.41 | = | $348.85 | + | $82.66 | = | $431.51 | + | $19.49 | = | $451.00 |
| PLANNER VERIFICATION Per Manhole | $11.55 | + | $0.43 | = | $11.97 | + | $2.84 | = | $14.81 | + | $0.67 | = | $15.48 |
| MANHOLE VERIFICATION INSPECTOR Per Manhole | $207.04 | + | $7.64 | = | $214.68 | + | $50.87 | = | $265.54 | + | $11.99 | = | $277.54 |
| MANHOLE MAKE-READY INSPECTOR Per Manhole | $310.56 | + | $11.46 | = | $322.02 | + | $76.30 | = | $398.32 | + | $17.99 | = | $416.31 |
| RIGHT-OF-WAY INQUIRY | $103.52 | + | $3.82 | = | $107.34 | + | $25.43 | = | $132.77 | + | $6.00 | = | $138.77 |
| RIGHT-OF-WAY DOCUMENT PREPARATION | $103.52 | + | $3.82 | = | $107.34 | + | $25.43 | = | $132.77 | + | $6.00 | = | $138.77 |
| BONAFIDE REQUEST PROCESS FEE | $1,739.10 | + | $64.15 | = | $1,803.25 | + | $427.28 | = | $2,230.53 | + | $100.75 | = | $2,331.28 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO | $143.24 | + | $5.28 | = | $148.52 | + | $35.19 | = | $183.72 | + | $8.30 | = | $192.02 |
| UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 | $143.24 | + | $5.28 | = | $148.52 | + | $35.19 | = | $183.72 | + | $8.30 | = | $192.02 |
| UNE-COMBINATION LMC-LOOP DS0 FIRST | $170.16 | + | $6.28 | = | $176.44 | + | $41.81 | = | $218.24 | + | $9.86 | = | $228.10 |
| UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL | $111.05 | + | $4.10 | = | $115.15 | + | $27.28 | = | $142.43 | + | $6.43 | = | $148.86 |
| UNE-COMBINATION LMC-LOOP DS1 FIRST | $215.24 | + | $7.94 | = | $223.18 | + | $52.88 | = | $276.06 | + | $12.47 | = | $288.53 |
| UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL | $157.59 | + | $5.81 | = | $163.40 | + | $38.72 | = | $202.12 | + | $9.13 | = | $211.25 |
| NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION | $496.99 | + | $18.33 | = | $515.32 | + | $122.10 | = | $637.42 | + | $28.79 | = | $666.21 |
| NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION | $479.99 | + | $17.70 | = | $497.70 | + | $117.93 | = | $615.63 | + | $27.81 | = | $643.43 |
| NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E | $479.30 | + | $17.68 | = | $496.98 | + | $117.76 | = | $614.74 | + | $27.77 | = | $642.51 |
| NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 |
| NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 |
| NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 |
| NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING | $56.71 | + | $2.09 | = | $58.80 | + | $13.93 | = | $72.73 | + | $3.29 | = | $76.02 |
| NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANSWER SUPERVISION | $57.60 | + | $2.12 | = | $59.72 | + | $14.15 | = | $73.88 | + | $3.34 | = | $77.21 |
| NEW UNE-P ADVANCED TRUNKS - TWO-WAY TRUNK W/DID, HUNTING & ANSWER SUPERVISION | $56.71 | + | $2.09 | = | $58.80 | + | $13.93 | = | $72.73 | + | $3.29 | = | $76.02 |
| NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING | $10.36 | + | $0.38 | = | $10.74 | + | $2.55 | = | $13.29 | + | $0.60 | = | $13.89 |
| NEW UNE-P DID COMPLEX TRANSLATIONS SIGNALING CHANGE | $24.18 | + | $0.89 | = | $25.07 | + | $5.94 | = | $31.01 | + | $1.40 | = | $32.41 |
| NEW UNE-P DID BLOCK COMPROMISE | $18.25 | + | $0.67 | = | $18.92 | + | $4.48 | = | $23.40 | + | $1.06 | = | $24.46 |
| NEW UNE-P DID GROUP OF 20 NUMBERS | $24.28 | + | $0.90 | = | $25.17 | + | $5.96 | = | $31.14 | + | $1.41 | = | $32.54 |
| NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK | $18.14 | + | $0.67 | = | $18.81 | + | $4.46 | = | $23.26 | + | $1.05 | = | $24.31 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW UNE-P DID RESERVE NONSEQUENTIAL TN | $16.93 | + | $0.62 | = | $17.56 | + | $4.16 | = | $21.72 | + | $0.98 | = | $22.70 |
| NEW UNE-P DID TRUNK TERMINATIONS | $17.03 | + | $0.63 | = | $17.66 | + | $4.18 | = | $21.84 | + | $0.99 | = | $22.83 |
| NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS | $25.47 | + | $0.94 | = | $26.41 | + | $6.26 | = | $32.67 | + | $1.48 | = | $34.14 |
| NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION | $112.23 | + | $4.14 | = | $116.37 | + | $27.57 | = | $143.94 | + | $6.50 | = | $150.44 |
| NEW UNE-P 2B+D BRI ISDN | $225.36 | + | $8.31 | = | $233.68 | + | $55.37 | = | $289.05 | + | $13.06 | = | $302.10 |

Direct - Direct Costs

Directly Assn - Direct Assigned Costs

Total Direct - Direct Costs + Directly Assigned Costs

Direct Attr - Directly Attributed Costs

TELRIC - Total Element Long Run Incremental Costs

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED | $0.49 | + | $0.02 | = | $0.51 | + | $0.12 | = | $0.63 | + | $0.03 | = | $0.66 | Pages 1-2 |
| MECHANIZED | $0.10 | + | $0.00 | = | $0.10 | + | $0.02 | = | $0.13 | + | $0.01 | = | $0.13 | Pages 3-4 |
| CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL | $11.75 | + | $0.43 | = | $12.18 | + | $2.89 | = | $15.07 | + | $0.68 | = | $15.75 | Pages 5-6 |
| CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL | $1.96 | + | $0.07 | = | $2.03 | + | $0.48 | = | $2.51 | + | $0.11 | = | $2.62 | Pages 7-8 |
| CUSTOMER TRANSFER CHARGE PRIVATE LINE FIRST | $29.61 | + | $1.09 | = | $30.71 | + | $7.28 | = | $37.98 | + | $1.72 | = | $39.70 | Pages 9-10 |
| CUSTOMER TRANSFER CHARGE PRIVATE LINE EA ADDL | $29.61 | + | $1.09 | = | $30.71 | + | $7.28 | = | $37.98 | + | $1.72 | = | $39.70 | Pages 11-12 |
| CUSTOMER TRANSFER CHARGE ADVANCED COMMUNICATION SERVICE PER CKT | $37.20 | + | $1.37 | = | $38.57 | + | $9.14 | = | $47.71 | + | $2.16 | = | $49.87 | Pages 13-14 |
| DS1 ENTRANCE FACILITY | $158.57 | + | $5.85 | = | $164.42 | + | $38.96 | = | $203.38 | + | $9.19 | = | $212.56 | Pages 15-18 |
| DS3 ENTRANCE FACILITY | $300.18 | + | $11.07 | = | $311.25 | + | $73.75 | = | $385.00 | + | $17.39 | = | $402.39 | Pages 19-23 |
| MULTIPLEX DS1 TO DSO | $193.79 | + | $7.15 | = | $200.94 | + | $47.61 | = | $248.55 | + | $11.23 | = | $259.78 | Pages 24-27 |
| MULTIPLEX DS3 TO DS1 | $193.79 | + | $7.15 | = | $200.94 | + | $47.61 | = | $248.55 | + | $11.23 | = | $259.78 | Pages 28-31 |
| SWITCHED TRANSPORT DS1 TRUNK FIRST | $256.27 | + | $9.45 | = | $265.72 | + | $62.96 | = | $328.69 | + | $14.85 | = | $343.53 | Pages 32-36 |
| SWITCHED TRANSPORT DS1 TRUNK EA ADDL | $4.27 | + | $0.16 | = | $4.43 | + | $1.05 | = | $5.48 | + | $0.25 | = | $5.73 | Pages 37-39 |
| SWITCHED TRANSPORT DS3 TRUNK FIRST | $261.19 | + | $9.63 | = | $270.82 | + | $64.17 | = | $334.99 | + | $15.13 | = | $350.12 | Pages 40-44 |
| SWITCHED TRANSPORT DS3 TRUNK EA ADDL | $9.20 | + | $0.34 | = | $9.54 | + | $2.26 | = | $11.80 | + | $0.53 | = | $12.33 | Pages 45-47 |
| CLEC TO CLEC COLLOCATION CROSS-CONNECTION | $184.96 | + | $6.82 | = | $191.78 | + | $45.44 | = | $237.22 | + | $10.72 | = | $247.94 | Pages 48-51 |
| CABLE UNLOADING/BRIDGE TAP REMOVAL | $470.98 | + | $17.37 | = | $488.35 | + | $115.72 | = | $604.07 | + | $27.29 | = | $631.35 | Pages 52-53 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LOOP BASIC INSTALL FIRST | $67.09 | + | $2.47 | = | $69.57 | + | $16.48 | = | $86.05 | + | $3.89 | = | $89.94 | Pages 54-57 |
| LOOP BASIC INSTALL EA ADDL | $55.91 | + | $2.06 | = | $57.97 | + | $13.74 | = | $71.71 | + | $3.24 | = | $74.95 | Pages 58-60 |
| LOOP BASIC INSTALL WITH PERFORMANCE TESTING FIRST | $142.12 | + | $5.24 | = | $147.37 | + | $34.92 | = | $182.28 | + | $8.23 | = | $190.52 | Pages 61-65 |
| LOOP BASIC INSTALL WITH PERFORMANCE TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 | Pages 66-69 |
| LOOP COORD INSTALL, COOP TESTING FIRST | $170.95 | + | $6.31 | = | $177.26 | + | $42.00 | = | $219.26 | + | $9.90 | = | $229.16 | Pages 70-74 |
| LOOP COORD INSTALL, COOP TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 | Pages 75-78 |
| LOOP COORD INSTALL WITHOUT TESTING FIRST | $72.20 | + | $2.66 | = | $74.87 | + | $17.74 | = | $92.61 | + | $4.18 | = | $96.79 | Pages 79-82 |
| LOOP COORD INSTALL WITHOUT TESTING EA ADDL | $61.02 | + | $2.25 | = | $63.27 | + | $14.99 | = | $78.27 | + | $3.54 | = | $81.80 | Pages 83-86 |
| LOOP BASIC INSTALL COOP TESTING FIRST | $142.12 | + | $5.24 | = | $147.37 | + | $34.92 | = | $182.28 | + | $8.23 | = | $190.52 | Pages 87-91 |
| LOOP BASIC INSTALL COOP TESTING EA ADDL | $100.56 | + | $3.71 | = | $104.27 | + | $24.71 | = | $128.98 | + | $5.83 | = | $134.81 | Pages 92-95 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL FIRST | $127.70 | + | $4.71 | = | $132.41 | + | $31.37 | = | $163.78 | + | $7.40 | = | $171.18 | Pages 96-99 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL EACH ADDITIONAL | $87.23 | + | $3.22 | = | $90.44 | + | $21.43 | = | $111.88 | + | $5.05 | = | $116.93 | Pages 100-102 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL PERFORMANCE TEST FIRST | $224.39 | + | $8.28 | = | $232.67 | + | $55.13 | = | $287.80 | + | $13.00 | = | $300.80 | Pages 103-106 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL PERFORMANCE TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 | Pages 107-110 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITH COOP TEST FIRST | $253.22 | + | $9.34 | = | $262.56 | + | $62.21 | = | $324.78 | + | $14.67 | = | $339.44 | Pages 111-114 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITH COOP TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 | Pages 115-118 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITHOUT TEST FIRST | $134.27 | + | $4.95 | = | $139.22 | + | $32.99 | = | $172.21 | + | $7.78 | = | $179.99 | Pages 119-122 |
| DS1,DS3,OCN 3,12,48 LOOP COORD INSTALL WITHOUT TEST EA ADDL | $93.80 | + | $3.46 | = | $97.26 | + | $23.05 | = | $120.30 | + | $5.43 | = | $125.74 | Pages 123-125 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST FIRST | $224.39 | + | $8.28 | = | $232.67 | + | $55.13 | = | $287.80 | + | $13.00 | = | $300.80 | Pages 126-129 |
| DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL | $154.27 | + | $5.69 | = | $159.96 | + | $37.90 | = | $197.87 | + | $8.94 | = | $206.80 | Pages 130-133 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SUBLOOP DISTRIBUTION FIRST | $79.98 | + | $2.95 | = | $82.93 | + | $19.65 | = | $102.57 | + | $4.63 | = | $107.21 | Pages 134-136 |
| SUBLOOP DISTRIBUTION EACH ADDITIONAL | $22.95 | + | $0.85 | = | $23.80 | + | $5.64 | = | $29.44 | + | $1.33 | = | $30.77 | Pages 137-138 |
| SUBLOOP FIELD CONNECTION POINT QUOTATION PREP FEE | $1,182.31 | + | $43.61 | = | $1,225.92 | + | $290.48 | = | $1,516.40 | + | $68.49 | = | $1,584.90 | Pages 139-140 |
| SUBLOOP DS1 FEEDER FIRST | $233.54 | + | $8.61 | = | $242.16 | + | $57.38 | = | $299.54 | + | $13.53 | = | $313.07 | Pages 141-144 |
| SUBLOOP DS1 FEEDER EACH ADDITIONAL | $165.65 | + | $6.11 | = | $171.77 | + | $40.70 | = | $212.46 | + | $9.60 | = | $222.06 | Pages 145-148 |
| SHARED LOOP (per loop per order) | $26.47 | + | $0.98 | = | $27.44 | + | $6.50 | = | $33.94 | + | $1.53 | = | $35.48 | Pages 149-151 |
| NETWORK INTERFACE DEVICE | $49.62 | + | $1.83 | = | $51.46 | + | $12.19 | = | $63.65 | + | $2.87 | = | $66.52 | Pages 152-153 |
| UDIT DSO | $222.17 | + | $8.19 | = | $230.36 | + | $54.58 | = | $284.95 | + | $12.87 | = | $297.82 | Pages 154-157 |
| UDIT DS1/DS3/OC3/OC12/OC48 | $254.62 | + | $9.39 | = | $264.01 | + | $62.56 | = | $326.56 | + | $14.75 | = | $341.32 | Pages 158-161 |
| UDIT M1-3 MULTIPLEXING | $1,853.73 | + | $68.38 | = | $1,922.11 | + | $455.45 | = | $2,377.55 | + | $107.39 | = | $2,484.94 | Pages 162-166 |
| UDIT M1-0 MULTIPLEXING HIGH SIDE | $197.44 | + | $7.28 | = | $204.73 | + | $48.51 | = | $253.24 | + | $11.44 | = | $264.68 | Pages 167-170 |
| UDIT M1-0 MULTIPLEXING LOW SIDE | $173.03 | + | $6.38 | = | $179.41 | + | $42.51 | = | $221.92 | + | $10.02 | = | $231.94 | Pages 171-174 |
| EUDIT DS1/DS3/OC3/OC12/OC48 | $296.81 | + | $10.95 | = | $307.76 | + | $72.92 | = | $380.69 | + | $17.20 | = | $397.88 | Pages 175-178 |
| UDIT DS0 REARRANGEMENT DUAL OFFICE | $158.05 | + | $5.83 | = | $163.88 | + | $38.83 | = | $202.71 | + | $9.16 | = | $211.86 | Pages 179-181 |
| UDIT DS0 REARRANGEMENT SINGLE OFFICE | $127.16 | + | $4.69 | = | $131.85 | + | $31.24 | = | $163.09 | + | $7.37 | = | $170.46 | Pages 182-184 |
| UDIT HICAP REARRANGEMENT DUAL OFFICE | $191.92 | + | $7.08 | = | $199.00 | + | $47.15 | = | $246.15 | + | $11.12 | = | $257.27 | Pages 185-187 |
| UDIT HICAP REARRANGEMENT SINGLE OFFICE | $171.99 | + | $6.34 | = | $178.33 | + | $42.26 | = | $220.59 | + | $9.96 | = | $230.55 | Pages 188-190 |
| DARK FIBER - INITIAL RECORDS INQUIRY SIMPLE | $182.00 | + | $6.71 | = | $188.72 | + | $44.72 | = | $233.44 | + | $10.54 | = | $243.98 | Pages 191-192 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| DARK FIBER - INITIAL RECORDS INQUIRY COMPLEX | $213.66 | + | $7.88 | = | $221.54 | + | $52.49 | = | $274.03 | + | $12.38 | = | $286.41 | Pages 193-195 |
| DARK FIBER - ENGINEER VERIFICATION | $250.17 | + | $9.23 | = | $259.40 | + | $61.47 | = | $320.87 | + | $14.49 | = | $335.36 | Pages 196-197 |
| DARK FIBER - SPLICE | $478.32 | + | $17.64 | = | $495.97 | + | $117.52 | = | $613.49 | + | $27.71 | = | $641.20 | Pages 198-201 |
| DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION | $728.31 | + | $26.86 | = | $755.18 | + | $178.94 | = | $934.12 | + | $42.19 | = | $976.31 | Pages 202-204 |
| DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR | $428.84 | + | $15.82 | = | $444.66 | + | $105.36 | = | $550.03 | + | $24.84 | = | $574.87 | Pages 205-208 |
| DARK FIBER NRC PER OCCURRENCE, PER ROUTE - EACH ADDL FIBER STRAND OR PAIR | $196.15 | + | $7.24 | = | $203.39 | + | $48.19 | = | $251.58 | + | $11.36 | = | $262.94 | Pages 209-211 |
| OPTICAL CROSS CONN - PER FIBER STRAND OR PAIR PER CENTRAL OFFICE | $15.55 | + | $0.57 | = | $16.13 | + | $3.82 | = | $19.95 | + | $0.90 | = | $20.85 | Pages 212-213 |
| 9.11.1 DS1 LOCAL MESSAGE TRUNK PORT | $160.48 | + | $5.92 | = | $166.40 | + | $39.43 | = | $205.82 | + | $9.30 | = | $215.12 | Pages 214-216 |
| 9.11.2 TRUNK GROUP, FIRST | $157.23 | + | $5.80 | = | $163.03 | + | $38.63 | = | $201.66 | + | $9.11 | = | $210.77 | Pages 217-220 |
| 9.11.3 MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK | $17.67 | + | $0.65 | = | $18.32 | + | $4.34 | = | $22.66 | + | $1.02 | = | $23.68 | Pages 221-223 |
| ANALOG LINESIDE PORT FIRST | $116.57 | + | $4.30 | = | $120.87 | + | $28.64 | = | $149.51 | + | $6.75 | = | $156.26 | Pages 224-227 |
| ANALOG LINESIDE PORT EACH ADDITIONAL | $72.47 | + | $2.67 | = | $75.14 | + | $17.80 | = | $92.94 | + | $4.20 | = | $97.14 | Pages 228-231 |
| 9.11.1.3 CENTREX COMMON EQUIPMENT | $870.23 | + | $32.10 | = | $902.33 | + | $213.81 | = | $1,116.14 | + | $50.41 | = | $1,166.55 | Pages 232-234 |
| ACCOUNT CODES, PER SYSTEM | $57.72 | + | $2.13 | = | $59.85 | + | $14.18 | = | $74.04 | + | $3.34 | = | $77.38 | Pages 235-236 |
| ATTENDANT ACCESS LINE - PER STATION LINE | $0.83 | + | $0.03 | = | $0.86 | + | $0.20 | = | $1.07 | + | $0.05 | = | $1.12 | Pages 237-238 |
| AUDIBLE MESSAGE WAITING | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 | Pages 239-240 |
| AUTHORIZATION CODES - PER SYSTEM | $172.64 | + | $6.37 | = | $179.01 | + | $42.42 | = | $221.42 | + | $10.00 | = | $231.42 | Pages 241-242 |
| AUTOMATIC LINE, per station line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 243-244 |
| ARS - COMMON EQUIPMENT, per system | $1,514.72 | + | $55.87 | = | $1,570.59 | + | $372.15 | = | $1,942.75 | + | $87.75 | = | $2,030.50 | Pages 245-246 |
| CALL DROP | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 247-248 |
| CALL EXCLUSION - AUTOMATIC | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 | Pages 249-250 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CALL EXCLUSION | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 | Pages 251-252 |
| CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 | Pages 253-254 |
| CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT | $11.30 | + | $0.42 | = | $11.72 | + | $2.78 | = | $14.49 | + | $0.65 | = | $15.15 | Pages 255-256 |
| state | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 | Pages 257-258 |
| CFBL INCOMING ONLY | $27.36 | + | $1.01 | = | $28.37 | + | $6.72 | = | $35.09 | + | $1.58 | = | $36.67 | Pages 259-260 |
| CFDA INCOMING ONLY | $27.36 | + | $1.01 | = | $28.37 | + | $6.72 | = | $35.09 | + | $1.58 | = | $36.67 | Pages 261-262 |
| CONFERENCE CALLING - MEET ME - PER SYSTEM | $30.64 | + | $1.13 | = | $31.77 | + | $7.53 | = | $39.30 | + | $1.78 | = | $41.08 | Pages 263-264 |
| CONFERENCE CALLING - PRESET - PER SYSTEM | $30.64 | + | $1.13 | = | $31.77 | + | $7.53 | = | $39.30 | + | $1.78 | = | $41.08 | Pages 265-266 |
| DIR STA SEL/BUSY LAMP FLD, per arrangement | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 267-268 |
| DIRECTED CALL PICK UP BARGE-IN | $14.55 | + | $0.54 | = | $15.08 | + | $3.57 | = | $18.66 | + | $0.84 | = | $19.50 | Pages 269-270 |
| DIRECTED CALL PICKUP WITHOUT BARGE-IN | $14.55 | + | $0.54 | = | $15.08 | + | $3.57 | = | $18.66 | + | $0.84 | = | $19.50 | Pages 271-272 |
| DISTINCTIVE RING/DISTINCTIVE CALL WAITING | $29.08 | + | $1.07 | = | $30.16 | + | $7.15 | = | $37.30 | + | $1.68 | = | $38.99 | Pages 273-274 |
| EXPENSIVE ROUTE WARNING TONE - PER SYSTEM | $51.88 | + | $1.91 | = | $53.80 | + | $12.75 | = | $66.54 | + | $3.01 | = | $69.55 | Pages 275-276 |
| FACILITY RESTRICTION LEVEL - PER SYSTEM | $31.92 | + | $1.18 | = | $33.09 | + | $7.84 | = | $40.94 | + | $1.85 | = | $42.78 | Pages 277-278 |
| GROUP INTERCOM - PER LINE | $0.33 | + | $0.01 | = | $0.34 | + | $0.08 | = | $0.42 | + | $0.02 | = | $0.44 | Pages 279-280 |
| HOT LINE - per line equipped, per line | $0.73 | + | $0.03 | = | $0.76 | + | $0.18 | = | $0.94 | + | $0.04 | = | $0.98 | Pages 281-282 |
| HUNTING - MULTIPOSITION HUNT QUEUING - per group | $27.84 | + | $1.03 | = | $28.87 | + | $6.84 | = | $35.71 | + | $1.61 | = | $37.32 | Pages 283-284 |
| HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE | $27.84 | + | $1.03 | = | $28.87 | + | $6.84 | = | $35.71 | + | $1.61 | = | $37.32 | Pages 285-286 |
| HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE | $29.40 | + | $1.08 | = | $30.48 | + | $7.22 | = | $37.70 | + | $1.70 | = | $39.41 | Pages 287-288 |
| ISDN SHORT HUNT | $1.23 | + | $0.05 | = | $1.27 | + | $0.30 | = | $1.57 | + | $0.07 | = | $1.64 | Pages 289-290 |
| LOUDSPEAKER PAGING TRUNK SIDE, per group | $127.36 | + | $4.70 | = | $132.06 | + | $31.29 | = | $163.35 | + | $7.38 | = | $170.73 | Pages 291-292 |
| MAKE BUSY ARRANGEMENTS, per group | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 | Pages 293-294 |
| MAKE BUSY ARRANGEMENTS, per line | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 | Pages 295-296 |
| MESSAGE CENTER - per main station line, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 297-298 |
| MESSAGE WAITING VISUAL, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 299-300 |
| MUSIC ON HOLD - per system | $16.69 | + | $0.62 | = | $17.31 | + | $4.10 | = | $21.41 | + | $0.97 | = | $22.37 | Pages 301-302 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| PRIVACY RELEASE, per station line | $0.34 | + | $0.01 | = | $0.35 | + | $0.08 | = | $0.44 | + | $0.02 | = | $0.46 | Pages 303-304 |
| QUERY TIME, per station line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 305-306 |
| STATION CAMP-ON, per main line, per line | $0.25 | + | $0.01 | = | $0.26 | + | $0.06 | = | $0.32 | + | $0.01 | = | $0.33 | Pages 307-308 |
| TIME OF DAY CONTROL FOR ARS - PER SYSTEM | $90.78 | + | $3.35 | = | $94.12 | + | $22.30 | = | $116.43 | + | $5.26 | = | $121.69 | Pages 309-310 |
| TIME OF DAY NCOS UPDATED, PER MAIN STATION | $0.39 | + | $0.01 | = | $0.40 | + | $0.10 | = | $0.50 | + | $0.02 | = | $0.52 | Pages 311-312 |
| TIME OF DAY ROUTING, per line | $0.37 | + | $0.01 | = | $0.39 | + | $0.09 | = | $0.48 | + | $0.02 | = | $0.50 | Pages 313-314 |
| TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED | $0.28 | + | $0.01 | = | $0.29 | + | $0.07 | = | $0.36 | + | $0.02 | = | $0.38 | Pages 315-316 |
| UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.65 | Pages 317-318 |
| CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION | $700.96 | + | $25.86 | = | $726.82 | + | $172.22 | = | $899.03 | + | $40.61 | = | $939.64 | Pages 319-320 |
| CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION | $350.48 | + | $12.93 | = | $363.41 | + | $86.11 | = | $449.52 | + | $20.30 | = | $469.82 | Pages 321-322 |
| CMS - PACKET CONTROL CAPABILITY, PER SYSTEM | $350.48 | + | $12.93 | = | $363.41 | + | $86.11 | = | $449.52 | + | $20.30 | = | $469.82 | Pages 323-324 |
| SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION | $244.78 | + | $9.03 | = | $253.81 | + | $60.14 | = | $313.95 | + | $14.18 | = | $328.13 | Pages 325-327 |
| SMDR-P - ARCHIVED DATA | $127.91 | + | $4.72 | = | $132.63 | + | $31.43 | = | $164.05 | + | $7.41 | = | $171.46 | Pages 328-329 |
| 9.12.1.4 SUBSEQUENT ORDER CHARGE | $9.79 | + | $0.36 | = | $10.15 | + | $2.41 | = | $12.56 | + | $0.57 | = | $13.12 | Pages 330-331 |
| 9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) | $168.93 | + | $6.23 | = | $175.16 | + | $41.51 | = | $216.67 | + | $9.79 | = | $226.46 | Pages 332-337 |
| 9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY | $151.44 | + | $5.59 | = | $157.03 | + | $37.21 | = | $194.23 | + | $8.77 | = | $203.01 | Pages 338-341 |
| 9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL | $123.78 | + | $4.57 | = | $128.35 | + | $30.41 | = | $158.76 | + | $7.17 | = | $165.93 | Pages 342-345 |
| 9.12.1.6.3 MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL | $34.54 | + | $1.27 | = | $35.81 | + | $8.49 | = | $44.30 | + | $2.00 | = | $46.30 | Pages 346-348 |
| 9.12.1.6.4 DS1 PRI ISDN TRUNK PORT | $452.46 | + | $16.69 | = | $469.15 | + | $111.16 | = | $580.31 | + | $26.21 | = | $606.52 | Pages 349-354 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CCSAC STP PORT | $317.64 | + | $11.72 | = | $329.35 | + | $78.04 | = | $407.39 | + | $18.40 | = | $425.79 | Pages 355-358 |
| CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER | $83.21 | + | $3.07 | = | $86.28 | + | $20.44 | = | $106.72 | + | $4.82 | = | $111.54 | Pages 359-361 |
| CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER | $6.91 | + | $0.25 | = | $7.16 | + | $1.70 | = | $8.86 | + | $0.40 | = | $9.26 | Pages 362-363 |
| CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER | $97.02 | + | $3.58 | = | $100.60 | + | $23.84 | = | $124.44 | + | $5.62 | = | $130.06 | Pages 364-366 |
| ORDER | $41.45 | + | $1.53 | = | $42.98 | + | $10.18 | = | $53.16 | + | $2.40 | = | $55.56 | Pages 367-368 |
| ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR) | $22.97 | + | $0.85 | = | $23.82 | + | $5.64 | = | $29.46 | + | $1.33 | = | $30.79 | Pages 369-370 |
| ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 | Pages 371-372 |
| ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR) | $6.53 | + | $0.24 | = | $6.77 | + | $1.60 | = | $8.38 | + | $0.38 | = | $8.75 | Pages 373-374 |
| ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR) | $13.06 | + | $0.48 | = | $13.54 | + | $3.21 | = | $16.75 | + | $0.76 | = | $17.51 | Pages 375-376 |
| ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR) | $20.02 | + | $0.74 | = | $20.76 | + | $4.92 | = | $25.68 | + | $1.16 | = | $26.84 | Pages 377-378 |
| ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR) | $26.74 | + | $0.99 | = | $27.73 | + | $6.57 | = | $34.30 | + | $1.55 | = | $35.85 | Pages 379-380 |
| ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR) | $33.47 | + | $1.23 | = | $34.70 | + | $8.22 | = | $42.93 | + | $1.94 | = | $44.87 | Pages 381-382 |
| TESTING AND MAINTENANCE - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 | Pages 383-384 |
| TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 | Pages 385-386 |
| TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 | Pages 387-388 |
| MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR) | $20.02 | + | $0.74 | = | $20.76 | + | $4.92 | = | $25.68 | + | $1.16 | = | $26.84 | Pages 389-390 |
| MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR) | $26.74 | + | $0.99 | = | $27.73 | + | $6.57 | = | $34.30 | + | $1.55 | = | $35.85 | Pages 391-392 |
| MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR) | $33.47 | + | $1.23 | = | $34.70 | + | $8.22 | = | $42.93 | + | $1.94 | = | $44.87 | Pages 393-394 |
| ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 | Pages 395-396 |
| ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 | Pages 397-398 |
| ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 | Pages 399-400 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 | Pages 401-402 |
| NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 | Pages 403-404 |
| HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 | Pages 405-406 |
| NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR) | $21.27 | + | $0.78 | = | $22.05 | + | $5.23 | = | $27.28 | + | $1.23 | = | $28.51 | Pages 407-408 |
| NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR) | $28.41 | + | $1.05 | = | $29.46 | + | $6.98 | = | $36.44 | + | $1.65 | = | $38.08 | Pages 409-410 |
| NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR) | $35.55 | + | $1.31 | = | $36.86 | + | $8.73 | = | $45.60 | + | $2.06 | = | $47.66 | Pages 411-412 |
| COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 | Pages 413-414 |
| COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 | Pages 415-416 |
| MONTH) | $0.24 | + | $0.01 | = | $0.25 | + | $0.06 | = | $0.31 | + | $0.01 | = | $0.32 | Pages 417-418 |
| COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 | Pages 419-420 |
| COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) | $0.06 | + | $0.00 | = | $0.06 | + | $0.01 | = | $0.08 | + | $0.00 | = | $0.08 | Pages 421-422 |
| MANUAL SCHEDULED TESTING - LOSS (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 | Pages 423-424 |
| MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 | Pages 425-426 |
| MANUAL SCHEDULED TESTING - BALANCE (PER MONTH) | $0.48 | + | $0.02 | = | $0.50 | + | $0.12 | = | $0.62 | + | $0.03 | = | $0.64 | Pages 427-428 |
| MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 | Pages 429-430 |
| MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) | $0.12 | + | $0.00 | = | $0.12 | + | $0.03 | = | $0.15 | + | $0.01 | = | $0.16 | Pages 431-432 |
| ADDITIONAL DISPATCH CHARGE | $61.03 | + | $2.25 | = | $63.28 | + | $15.00 | = | $78.28 | + | $3.54 | = | $81.82 | Pages 433-434 |
| DATE CHANGE | $7.51 | + | $0.28 | = | $7.78 | + | $1.84 | = | $9.63 | + | $0.43 | = | $10.06 | Pages 435-436 |
| DESIGN CHANGE | $53.46 | + | $1.97 | = | $55.43 | + | $13.13 | = | $68.57 | + | $3.10 | = | $71.66 | Pages 437-438 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MECHANIZED EXISTING SERVICE | $0.49 | + | $0.02 | = | $0.51 | + | $0.12 | = | $0.63 | + | $0.03 | = | $0.66 | Pages 439-440 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MECHANIZED EXISTING SERVICE | $0.10 | + | $0.00 | = | $0.10 | + | $0.02 | = | $0.13 | + | $0.01 | = | $0.13 | Pages 441-442 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MANUAL EXISTING SERVICE | $11.75 | + | $0.43 | = | $12.18 | + | $2.89 | = | $15.07 | + | $0.68 | = | $15.75 | Pages 443-444 |
| UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MANUAL EXISTING SERVICE | $1.96 | + | $0.07 | = | $2.03 | + | $0.48 | = | $2.51 | + | $0.11 | = | $2.62 | Pages 445-446 |
| UNE-P PBX DID TRUNKS EXISTING SERVICE | $17.94 | + | $0.66 | = | $18.60 | + | $4.41 | = | $23.01 | + | $1.04 | = | $24.05 | Pages 447-448 |
| UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 | Pages 449-450 |
| UNE-P ISDN BRI EXISTING SERVICE FIRST | $19.27 | + | $0.71 | = | $19.98 | + | $4.74 | = | $24.72 | + | $1.12 | = | $25.84 | Pages 451-452 |
| UNE-P ISDN BRI EXISTING SERVICE EACH ADDL | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 | Pages 453-454 |
| UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE | $17.27 | + | $0.64 | = | $17.91 | + | $4.24 | = | $22.15 | + | $1.00 | = | $23.15 | Pages 455-456 |
| UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE | $17.94 | + | $0.66 | = | $18.60 | + | $4.41 | = | $23.01 | + | $1.04 | = | $24.05 | Pages 457-458 |
| UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE | $2.26 | + | $0.08 | = | $2.34 | + | $0.56 | = | $2.90 | + | $0.13 | = | $3.03 | Pages 459-460 |
| UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE | $40.08 | + | $1.48 | = | $41.56 | + | $9.85 | = | $51.41 | + | $2.32 | = | $53.73 | Pages 461-463 |
| UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE | $11.50 | + | $0.42 | = | $11.93 | + | $2.83 | = | $14.75 | + | $0.67 | = | $15.42 | Pages 464-466 |
| UNE-P POTS FIRST LINE MANUAL NEW SERVICE | $59.50 | + | $2.19 | = | $61.69 | + | $14.62 | = | $76.31 | + | $3.45 | = | $79.76 | Pages 467-469 |
| UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE | $13.36 | + | $0.49 | = | $13.85 | + | $3.28 | = | $17.14 | + | $0.77 | = | $17.91 | Pages 470-472 |
| UNE-C EEL, LMC-MUX PRIVATE LINE DS0/DS1/DS3/OCN/INTERGRATED T1 EXISTING SERVICE | $23.61 | + | $0.87 | = | $24.48 | + | $5.80 | = | $30.28 | + | $1.37 | = | $31.65 | Pages 473-474 |
| DS0 ENHANCED EXTENDED LOOP FIRST | $185.17 | + | $6.83 | = | $192.00 | + | $45.49 | = | $237.49 | + | $10.73 | = | $248.22 | Pages 475-478 |
| DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL | $137.98 | + | $5.09 | = | $143.07 | + | $33.90 | = | $176.97 | + | $7.99 | = | $184.96 | Pages 479-482 |
| DS1 ENHANCED EXTENDED LOOP FIRST | $227.01 | + | $8.37 | = | $235.39 | + | $55.77 | = | $291.16 | + | $13.15 | = | $304.31 | Pages 483-486 |
| DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL | $169.36 | + | $6.25 | = | $175.61 | + | $41.61 | = | $217.22 | + | $9.81 | = | $227.03 | Pages 487-490 |
| DS3 ENHANCED EXTENDED LOOP FIRST | $244.67 | + | $9.02 | = | $253.69 | + | $60.11 | = | $313.80 | + | $14.17 | = | $327.98 | Pages 491-494 |
| DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL | $187.02 | + | $6.90 | = | $193.92 | + | $45.95 | = | $239.86 | + | $10.83 | = | $250.70 | Pages 495-498 |
| DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX | $190.92 | + | $7.04 | = | $197.96 | + | $46.91 | = | $244.87 | + | $11.06 | = | $255.93 | Pages 499-502 |
| DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX | $190.92 | + | $7.04 | = | $197.96 | + | $46.91 | = | $244.87 | + | $11.06 | = | $255.93 | Pages 503-506 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| POLE INQUIRY FEE - PER MILE | $233.02 | + | $8.60 | = | $241.62 | + | $57.25 | = | $298.87 | + | $13.50 | = | $312.37 | Pages 507-508 |
| INNERDUCT INQUIRY FEE - PER MILE | $280.10 | + | $10.33 | = | $290.43 | + | $68.82 | = | $359.25 | + | $16.23 | = | $375.48 | Pages 509-510 |
| FIELD VERIFICATION FEE - POLES PER POLE | $25.88 | + | $0.95 | = | $26.83 | + | $6.36 | = | $33.19 | + | $1.50 | = | $34.69 | Pages 511-512 |
| FIELD VERIFICATION FEE - MANHOLES PER MANHOLE | $336.44 | + | $12.41 | = | $348.85 | + | $82.66 | = | $431.51 | + | $19.49 | = | $451.00 | Pages 513-514 |
| PLANNER VERIFICATION Per Manhole | $11.55 | + | $0.43 | = | $11.97 | + | $2.84 | = | $14.81 | + | $0.67 | = | $15.48 | Pages 515-516 |
| MANHOLE VERIFICATION INSPECTOR Per Manhole | $207.04 | + | $7.64 | = | $214.68 | + | $50.87 | = | $265.54 | + | $11.99 | = | $277.54 | Pages 517-518 |
| MANHOLE MAKE-READY INSPECTOR Per Manhole | $310.56 | + | $11.46 | = | $322.02 | + | $76.30 | = | $398.32 | + | $17.99 | = | $416.31 | Pages 519-520 |
| RIGHT-OF-WAY INQUIRY | $103.52 | + | $3.82 | = | $107.34 | + | $25.43 | = | $132.77 | + | $6.00 | = | $138.77 | Pages 521-522 |
| RIGHT-OF-WAY DOCUMENT PREPARATION | $103.52 | + | $3.82 | = | $107.34 | + | $25.43 | = | $132.77 | + | $6.00 | = | $138.77 | Pages 523-524 |
| BONAFIDE REQUEST PROCESS FEE | $1,739.10 | + | $64.15 | = | $1,803.25 | + | $427.28 | = | $2,230.53 | + | $100.75 | = | $2,331.28 | Pages 525-526 |
| UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO | $143.24 | + | $5.28 | = | $148.52 | + | $35.19 | = | $183.72 | + | $8.30 | = | $192.02 | Pages 527-530 |
| UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 | $143.24 | + | $5.28 | = | $148.52 | + | $35.19 | = | $183.72 | + | $8.30 | = | $192.02 | Pages 531-534 |
| UNE-COMBINATION LMC-LOOP DS0 FIRST | $170.16 | + | $6.28 | = | $176.44 | + | $41.81 | = | $218.24 | + | $9.86 | = | $228.10 | Pages 535-538 |
| UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL | $111.05 | + | $4.10 | = | $115.15 | + | $27.28 | = | $142.43 | + | $6.43 | = | $148.86 | Pages 539-542 |
| UNE-COMBINATION LMC-LOOP DS1 FIRST | $215.24 | + | $7.94 | = | $223.18 | + | $52.88 | = | $276.06 | + | $12.47 | = | $288.53 | Pages 543-546 |
| UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL | $157.59 | + | $5.81 | = | $163.40 | + | $38.72 | = | $202.12 | + | $9.13 | = | $211.25 | Pages 547-549 |
| NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION | $496.99 | + | $18.33 | = | $515.32 | + | $122.10 | = | $637.42 | + | $28.79 | = | $666.21 | Pages 550-552 |
| NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION | $479.99 | + | $17.70 | = | $497.70 | + | $117.93 | = | $615.63 | + | $27.81 | = | $643.43 | Pages 553-556 |
| NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E | $479.30 | + | $17.68 | = | $496.98 | + | $117.76 | = | $614.74 | + | $27.77 | = | $642.51 | Pages 557-560 |

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

### South Dakota
### 2001

### Total Direct Costs and Common Costs

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 | Pages 561-564 |
| NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 | Pages 565-568 |
| NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK | $57.30 | + | $2.11 | = | $59.41 | + | $14.08 | = | $73.49 | + | $3.32 | = | $76.81 | Pages 569-572 |
| NEW UNE-P DSS ADVANCED TRUNK - IN-ONLY WITH DID AND HUNTING | $56.71 | + | $2.09 | = | $58.80 | + | $13.93 | = | $72.73 | + | $3.29 | = | $76.02 | Pages 573-576 |
| NEW UNE-P ADVANCED TRUNKS - OUT-ONLY TRUNK WITH ANSWER SUPERVISION | $57.60 | + | $2.12 | = | $59.72 | + | $14.15 | = | $73.88 | + | $3.34 | = | $77.21 | Pages 577-580 |
| NEW UNE-P ADVANCED TRUNKS - TWO-WAY TRUNK W/DID, HUNTING & ANSWER SUPERVISION | $56.71 | + | $2.09 | = | $58.80 | + | $13.93 | = | $72.73 | + | $3.29 | = | $76.02 | Pages 581-584 |
| NEW UNE-P COMPLEX TRANSLATIONS DIGITS OUTPULSED CHANGE SIGNALING | $10.36 | + | $0.38 | = | $10.74 | + | $2.55 | = | $13.29 | + | $0.60 | = | $13.89 | Pages 585-586 |
| CHANGE | $24.18 | + | $0.89 | = | $25.07 | + | $5.94 | = | $31.01 | + | $1.40 | = | $32.41 | Pages 587-588 |
| NEW UNE-P DID BLOCK COMPROMISE | $18.25 | + | $0.67 | = | $18.92 | + | $4.48 | = | $23.40 | + | $1.06 | = | $24.46 | Pages 589-590 |
| NEW UNE-P DID GROUP OF 20 NUMBERS | $24.28 | + | $0.90 | = | $25.17 | + | $5.96 | = | $31.14 | + | $1.41 | = | $32.54 | Pages 591-593 |
| NEW UNE-P DID RESERVE SEQUENTIAL # BLOCK | $18.14 | + | $0.67 | = | $18.81 | + | $4.46 | = | $23.26 | + | $1.05 | = | $24.31 | Pages 594-595 |
| NEW UNE-P DID RESERVE NONSEQUENTIAL TN | $16.93 | + | $0.62 | = | $17.56 | + | $4.16 | = | $21.72 | + | $0.98 | = | $22.70 | Pages 596-597 |
| NEW UNE-P DID TRUNK TERMINATIONS | $17.03 | + | $0.63 | = | $17.66 | + | $4.18 | = | $21.84 | + | $0.99 | = | $22.83 | Pages 598-600 |
| NEW UNE-P DID NONSEQUENTIAL TELEPHONE NUMBERS | $25.47 | + | $0.94 | = | $26.41 | + | $6.26 | = | $32.67 | + | $1.48 | = | $34.14 | Pages 601-603 |
| NEW UNE- P COMPLEX TRANS FOR TRUNKSIDE TERMINATION | $112.23 | + | $4.14 | = | $116.37 | + | $27.57 | = | $143.94 | + | $6.50 | = | $150.44 | Pages 604-606 |
| NEW UNE-P 2B+D BRI ISDN | $225.36 | + | $8.31 | = | $233.68 | + | $55.37 | = | $289.05 | + | $13.06 | = | $302.10 | Pages 607-616 |

Direct - Direct Costs

Directly Assn - Direct Assigned Costs

Total Direct - Direct Costs + Directly Assigned Costs

Direct Attr - Directly Attributed Costs

## G. NONRECURRING COST SUMMARY

### *SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS*

**South Dakota**
**2001**

**Total Direct Costs and Common Costs**

| Cost Element | Direct | + | Directly Assn | = | Total Direct | + | Directly Attrib | = | TELRIC | + | Common | = | TELRIC + Common | Detail Page Ref. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|

TELRIC - Total Element Long Run Incremental Costs

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Screen and route to order writer. | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| Type change of Service Provider - 1st line | 10 | 0.050 | | | | 0.50 | $39.16 | $0.33 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.75** | | **$0.49** |
| ***Total For Service:*** | | | | | | **0.75** | | **$0.49** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE POTS FIRST MECHANIZED (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 47 | **Direct Cost** | | | | $0.49 |
| 48 | | | | | |
| 49 | | | | | |
| 50 | | Cost Calculation | | Cost Factor | Cost |
| 51 | | B | C | D | E |
| 52 | ***Directly Assigned*** | | | | |
| 53 | Product Management Expense | D53*E47 | | 0.025565 | $0.01 |
| 54 | Sales Expense | D54*E47 | | 0.009225 | $0.00 |
| 55 | Product Advertising Expense | D55*E47 | | 0.000000 | $0.00 |
| 56 | Business Fees (Other Operating Taxes) | D56*Sum(E47:E55) | | 0.002025 | $0.00 |
| 57 | ***Directly Assigned Costs*** | Sum(E47:E56) | | | $0.02 |
| 58 | | | | | |
| 59 | ***Total Direct Costs*** | E47+E57 | | | $0.51 |
| 60 | | | | | |
| 61 | ***Directly Attributed*** | | | | |
| 62 | Network Operations | D62*E59 | | 0.040880 | $0.02 |
| 63 | Network Support Assets | D63*E59 | | 0.015364 | $0.01 |
| 64 | General Support Assets | D64*E59 | | 0.069508 | $0.04 |
| 65 | General Purpose Computers | D65*E59 | | 0.034714 | $0.02 |
| 66 | Uncollectible | D66*E59 | | 0.000401 | $0.00 |
| 67 | Accounting & Finance Expense | D67*E59 | | 0.008839 | $0.00 |
| 68 | Human Resources Expense | D68*E59 | | 0.008145 | $0.00 |
| 69 | Information Management Expense | D69*E59 | | 0.057009 | $0.03 |
| 70 | Intangibles | D70*E59 | | 0.002091 | $0.00 |
| 71 | ***Directly Attributed Costs*** | Sum(E62:E70) | | | $0.12 |
| 72 | | | | | |
| 73 | ***TELRIC*** | E62+E71 | | | $0.63 |
| 74 | | | | | |
| 75 | ***Common*** | | | | |
| 76 | Executive Expense | D76*E73 | | 0.007805 | $0.00 |
| 77 | Planning Expense | D77*E73 | | 0.000580 | $0.00 |
| 78 | External Relations Expense | D78*E73 | | 0.013029 | $0.01 |
| 79 | Legal Expense | D79*E73 | | 0.006148 | $0.00 |
| 80 | Other Procurement Expense | D80*E73 | | 0.002359 | $0.00 |
| 81 | Research & Development Expense | D81*E73 | | 0.000036 | $0.00 |
| 82 | Other General and Admin Expense | D82*E73 | | 0.015212 | $0.01 |
| 83 | ***Common Costs*** | Sum(E76:E82) | | | $0.03 |
| 84 | | | | | |
| 85 | ***TELRIC + Common Costs*** | E73+E83 | | | $0.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 0.050 | | | | 0.15 | $39.16 | $0.10 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.15** | | **$0.10** |
| ***Total For Service:*** | | | | | | **0.15** | | **$0.10** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE POTS EA ADDL MECHANIZED (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 137 | **Direct Cost** | | | | $0.10 |
| 138 | | | | | |
| 139 | | | | | |
| 140 | | | Cost Calculation | Cost Factor | Cost |
| 141 | | | B | C | D | E |
| 142 | ***Directly Assigned*** | | | | |
| 143 | Product Management Expense | | D143*E137 | 0.025565 | $0.00 |
| 144 | Sales Expense | | D144*E137 | 0.009225 | $0.00 |
| 145 | Product Advertising Expense | | D145*E137 | 0.000000 | $0.00 |
| 146 | Business Fees (Other Operating Taxes) | | D146*Sum(E137:E145) | 0.002025 | $0.00 |
| 147 | ***Directly Assigned Costs*** | | Sum(E137:E146) | | $0.00 |
| 148 | | | | | |
| 149 | ***Total Direct Costs*** | | E137+E147 | | $0.10 |
| 150 | | | | | |
| 151 | ***Directly Attributed*** | | | | |
| 152 | Network Operations | | D152*E149 | 0.040880 | $0.00 |
| 153 | Network Support Assets | | D153*E149 | 0.015364 | $0.00 |
| 154 | General Support Assets | | D154*E149 | 0.069508 | $0.01 |
| 155 | General Purpose Computers | | D155*E149 | 0.034714 | $0.00 |
| 156 | Uncollectible | | D156*E149 | 0.000401 | $0.00 |
| 157 | Accounting & Finance Expense | | D157*E149 | 0.008839 | $0.00 |
| 158 | Human Resources Expense | | D158*E149 | 0.008145 | $0.00 |
| 159 | Information Management Expense | | D159*E149 | 0.057009 | $0.01 |
| 160 | Intangibles | | D160*E149 | 0.002091 | $0.00 |
| 161 | ***Directly Attributed Costs*** | | Sum(E152:E160) | | $0.02 |
| 162 | | | | | |
| 163 | ***TELRIC*** | | E152+E161 | | $0.13 |
| 164 | | | | | |
| 165 | ***Common*** | | | | |
| 166 | Executive Expense | | D166*E163 | 0.007805 | $0.00 |
| 167 | Planning Expense | | D167*E163 | 0.000580 | $0.00 |
| 168 | External Relations Expense | | D168*E163 | 0.013029 | $0.00 |
| 169 | Legal Expense | | D169*E163 | 0.006148 | $0.00 |
| 170 | Other Procurement Expense | | D170*E163 | 0.002359 | $0.00 |
| 171 | Research & Development Expense | | D171*E163 | 0.000036 | $0.00 |
| 172 | Other General and Admin Expense | | D172*E163 | 0.015212 | $0.00 |
| 173 | ***Common Costs*** | | Sum(E166:E172) | | $0.01 |
| 174 | | | | | |
| 175 | ***TELRIC + Common Costs*** | | E163+E173 | | $0.13 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive request and send CSR (Customer Service Record) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Receive and screen LSR (Loop Service Request) | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Type change of Service Provider - 1st line | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **18.00** | | **$11.75** |
| ***Total For Service:*** | | | | | | **18.00** | | **$11.75** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE POTS FIRST MANUAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 227 | **Direct Cost** | | | | $11.75 |
| 228 | | | | | |
| 229 | | | | | |
| 230 | | | Cost Calculation | Cost Factor | Cost |
| 231 | | | B C | D | E |
| 232 | ***Directly Assigned*** | | | | |
| 233 | Product Management Expense | | D233*E227 | 0.025565 | $0.30 |
| 234 | Sales Expense | | D234*E227 | 0.009225 | $0.11 |
| 235 | Product Advertising Expense | | D235*E227 | 0.000000 | $0.00 |
| 236 | Business Fees (Other Operating Taxes) | | D236*Sum(E227:E235) | 0.002025 | $0.02 |
| 237 | ***Directly Assigned Costs*** | | Sum(E227:E236) | | $0.43 |
| 238 | | | | | |
| 239 | ***Total Direct Costs*** | | E227+E237 | | $12.18 |
| 240 | | | | | |
| 241 | ***Directly Attributed*** | | | | |
| 242 | Network Operations | | D242*E239 | 0.040880 | $0.50 |
| 243 | Network Support Assets | | D243*E239 | 0.015364 | $0.19 |
| 244 | General Support Assets | | D244*E239 | 0.069508 | $0.85 |
| 245 | General Purpose Computers | | D245*E239 | 0.034714 | $0.42 |
| 246 | Uncollectible | | D246*E239 | 0.000401 | $0.00 |
| 247 | Accounting & Finance Expense | | D247*E239 | 0.008839 | $0.11 |
| 248 | Human Resources Expense | | D248*E239 | 0.008145 | $0.10 |
| 249 | Information Management Expense | | D249*E239 | 0.057009 | $0.69 |
| 250 | Intangibles | | D250*E239 | 0.002091 | $0.03 |
| 251 | ***Directly Attributed Costs*** | | Sum(E242:E250) | | $2.89 |
| 252 | | | | | |
| 253 | ***TELRIC*** | | E242+E251 | | $15.07 |
| 254 | | | | | |
| 255 | ***Common*** | | | | |
| 256 | Executive Expense | | D256*E253 | 0.007805 | $0.12 |
| 257 | Planning Expense | | D257*E253 | 0.000580 | $0.01 |
| 258 | External Relations Expense | | D258*E253 | 0.013029 | $0.20 |
| 259 | Legal Expense | | D259*E253 | 0.006148 | $0.09 |
| 260 | Other Procurement Expense | | D260*E253 | 0.002359 | $0.04 |
| 261 | Research & Development Expense | | D261*E253 | 0.000036 | $0.00 |
| 262 | Other General and Admin Expense | | D262*E253 | 0.015212 | $0.23 |
| 263 | ***Common Costs*** | | Sum(E256:E262) | | $0.68 |
| 264 | | | | | |
| 265 | ***TELRIC + Common Costs*** | | E253+E263 | | $15.75 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$1.96** |
| ***Total For Service:*** | | | | | | **3.00** | | **$1.96** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE POTS EA ADDL MANUAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 317 | **Direct Cost** | | | | $1.96 |
| 318 | | | | | |
| 319 | | | | | |
| 320 | | | Cost Calculation | Cost Factor | Cost |
| 321 | | | B C | D | E |
| 322 | ***Directly Assigned*** | | | | |
| 323 | Product Management Expense | | D323*E317 | 0.025565 | $0.05 |
| 324 | Sales Expense | | D324*E317 | 0.009225 | $0.02 |
| 325 | Product Advertising Expense | | D325*E317 | 0.000000 | $0.00 |
| 326 | Business Fees (Other Operating Taxes) | | D326*Sum(E317:E325) | 0.002025 | $0.00 |
| 327 | ***Directly Assigned Costs*** | | Sum(E317:E326) | | $0.07 |
| 328 | | | | | |
| 329 | ***Total Direct Costs*** | | E317+E327 | | $2.03 |
| 330 | | | | | |
| 331 | ***Directly Attributed*** | | | | |
| 332 | Network Operations | | D332*E329 | 0.040880 | $0.08 |
| 333 | Network Support Assets | | D333*E329 | 0.015364 | $0.03 |
| 334 | General Support Assets | | D334*E329 | 0.069508 | $0.14 |
| 335 | General Purpose Computers | | D335*E329 | 0.034714 | $0.07 |
| 336 | Uncollectible | | D336*E329 | 0.000401 | $0.00 |
| 337 | Accounting & Finance Expense | | D337*E329 | 0.008839 | $0.02 |
| 338 | Human Resources Expense | | D338*E329 | 0.008145 | $0.02 |
| 339 | Information Management Expense | | D339*E329 | 0.057009 | $0.12 |
| 340 | Intangibles | | D340*E329 | 0.002091 | $0.00 |
| 341 | ***Directly Attributed Costs*** | | Sum(E332:E340) | | $0.48 |
| 342 | | | | | |
| 343 | ***TELRIC*** | | E332+E341 | | $2.51 |
| 344 | | | | | |
| 345 | ***Common*** | | | | |
| 346 | Executive Expense | | D346*E343 | 0.007805 | $0.02 |
| 347 | Planning Expense | | D347*E343 | 0.000580 | $0.00 |
| 348 | External Relations Expense | | D348*E343 | 0.013029 | $0.03 |
| 349 | Legal Expense | | D349*E343 | 0.006148 | $0.02 |
| 350 | Other Procurement Expense | | D350*E343 | 0.002359 | $0.01 |
| 351 | Research & Development Expense | | D351*E343 | 0.000036 | $0.00 |
| 352 | Other General and Admin Expense | | D352*E343 | 0.015212 | $0.04 |
| 353 | ***Common Costs*** | | Sum(E346:E352) | | $0.11 |
| 354 | | | | | |
| 355 | ***TELRIC + Common Costs*** | | E343+E353 | | $2.62 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE PRIVATE LINE FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive and screen LSR (Local Service Request) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Type Change of Service Provider | 20 | 1.000 | | | | 20.00 | $40.03 | $13.34 |
| Fax FOC (Firm Order Confirmation) to co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Correct and complete order in SOPS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **32.00** | | **$21.35** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive and screen LSR (Local Service Request) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Type Change of Service Provider | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Fax FOC (Firm Order Confirmation) to co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **12.00** | | **$8.01** |
| ***Total For Service:*** | | | | | | **44.35** | | **$29.61** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE PRIVATE LINE FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 407 | **Direct Cost** | | | | $29.61 |
| 408 | | | | | |
| 409 | | | | | |
| 410 | | Cost Calculation | | Cost Factor | Cost |
| 411 | | B | C | D | E |
| 412 | ***Directly Assigned*** | | | | |
| 413 | Product Management Expense | D413*E407 | | 0.025565 | $0.76 |
| 414 | Sales Expense | D414*E407 | | 0.009225 | $0.27 |
| 415 | Product Advertising Expense | D415*E407 | | 0.000000 | $0.00 |
| 416 | Business Fees (Other Operating Taxes) | D416*Sum(E407:E415) | | 0.002025 | $0.06 |
| 417 | ***Directly Assigned Costs*** | Sum(E407:E416) | | | $1.09 |
| 418 | | | | | |
| 419 | ***Total Direct Costs*** | E407+E417 | | | $30.71 |
| 420 | | | | | |
| 421 | ***Directly Attributed*** | | | | |
| 422 | Network Operations | D422*E419 | | 0.040880 | $1.26 |
| 423 | Network Support Assets | D423*E419 | | 0.015364 | $0.47 |
| 424 | General Support Assets | D424*E419 | | 0.069508 | $2.13 |
| 425 | General Purpose Computers | D425*E419 | | 0.034714 | $1.07 |
| 426 | Uncollectible | D426*E419 | | 0.000401 | $0.01 |
| 427 | Accounting & Finance Expense | D427*E419 | | 0.008839 | $0.27 |
| 428 | Human Resources Expense | D428*E419 | | 0.008145 | $0.25 |
| 429 | Information Management Expense | D429*E419 | | 0.057009 | $1.75 |
| 430 | Intangibles | D430*E419 | | 0.002091 | $0.06 |
| 431 | ***Directly Attributed Costs*** | Sum(E422:E430) | | | $7.28 |
| 432 | | | | | |
| 433 | ***TELRIC*** | E422+E431 | | | $37.98 |
| 434 | | | | | |
| 435 | ***Common*** | | | | |
| 436 | Executive Expense | D436*E433 | | 0.007805 | $0.30 |
| 437 | Planning Expense | D437*E433 | | 0.000580 | $0.02 |
| 438 | External Relations Expense | D438*E433 | | 0.013029 | $0.49 |
| 439 | Legal Expense | D439*E433 | | 0.006148 | $0.23 |
| 440 | Other Procurement Expense | D440*E433 | | 0.002359 | $0.09 |
| 441 | Research & Development Expense | D441*E433 | | 0.000036 | $0.00 |
| 442 | Other General and Admin Expense | D442*E433 | | 0.015212 | $0.58 |
| 443 | ***Common Costs*** | Sum(E436:E442) | | | $1.72 |
| 444 | | | | | |
| 445 | ***TELRIC + Common Costs*** | E433+E443 | | | $39.70 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE PRIVATE LINE EA ADDL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive and screen LSR (Local Service Request) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Type Change of Service Provider | 20 | 1.000 | | | | 20.00 | $40.03 | $13.34 |
| Fax FOC (Firm Order Confirmation) to co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Correct and complete order in SOPS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **32.00** | | **$21.35** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive and screen LSR (Local Service Request) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Type Change of Service Provider | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Fax FOC (Firm Order Confirmation) to co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **12.00** | | **$8.01** |
| ***Total For Service:*** | | | | | | **44.35** | | **$29.61** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE PRIVATE LINE EA ADDL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 497 | **Direct Cost** | | | | $29.61 |
| 498 | | | | | |
| 499 | | | | | |
| 500 | | Cost Calculation | | Cost Factor | Cost |
| 501 | | B | C | D | E |
| 502 | ***Directly Assigned*** | | | | |
| 503 | Product Management Expense | D503*E497 | | 0.025565 | $0.76 |
| 504 | Sales Expense | D504*E497 | | 0.009225 | $0.27 |
| 505 | Product Advertising Expense | D505*E497 | | 0.000000 | $0.00 |
| 506 | Business Fees (Other Operating Taxes) | D506*Sum(E497:E505) | | 0.002025 | $0.06 |
| 507 | ***Directly Assigned Costs*** | Sum(E497:E506) | | | $1.09 |
| 508 | | | | | |
| 509 | ***Total Direct Costs*** | E497+E507 | | | $30.71 |
| 510 | | | | | |
| 511 | ***Directly Attributed*** | | | | |
| 512 | Network Operations | D512*E509 | | 0.040880 | $1.26 |
| 513 | Network Support Assets | D513*E509 | | 0.015364 | $0.47 |
| 514 | General Support Assets | D514*E509 | | 0.069508 | $2.13 |
| 515 | General Purpose Computers | D515*E509 | | 0.034714 | $1.07 |
| 516 | Uncollectible | D516*E509 | | 0.000401 | $0.01 |
| 517 | Accounting & Finance Expense | D517*E509 | | 0.008839 | $0.27 |
| 518 | Human Resources Expense | D518*E509 | | 0.008145 | $0.25 |
| 519 | Information Management Expense | D519*E509 | | 0.057009 | $1.75 |
| 520 | Intangibles | D520*E509 | | 0.002091 | $0.06 |
| 521 | ***Directly Attributed Costs*** | Sum(E512:E520) | | | $7.28 |
| 522 | | | | | |
| 523 | ***TELRIC*** | E512+E521 | | | $37.98 |
| 524 | | | | | |
| 525 | ***Common*** | | | | |
| 526 | Executive Expense | D526*E523 | | 0.007805 | $0.30 |
| 527 | Planning Expense | D527*E523 | | 0.000580 | $0.02 |
| 528 | External Relations Expense | D528*E523 | | 0.013029 | $0.49 |
| 529 | Legal Expense | D529*E523 | | 0.006148 | $0.23 |
| 530 | Other Procurement Expense | D530*E523 | | 0.002359 | $0.09 |
| 531 | Research & Development Expense | D531*E523 | | 0.000036 | $0.00 |
| 532 | Other General and Admin Expense | D532*E523 | | 0.015212 | $0.58 |
| 533 | ***Common Costs*** | Sum(E526:E532) | | | $1.72 |
| 534 | | | | | |
| 535 | ***TELRIC + Common Costs*** | E523+E533 | | | $39.70 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CUSTOMER TRANSFER CHARGE ADVANCED COMMUNICATION SERVICE PER CKT*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ISC)** | | | | | | | | |
| Local Service Request (LSR) - Fax to EAC consultant | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ISC)*** | | | | | | **2.00** | | **$1.31** |
| **-!NTERPRISE - ACCOUNT CONSULTANT** | | | | | | | | |
| Input Order into FRSR (Frame Relay Service) | 12 | 1.000 | | | | 12.00 | $39.16 | $7.83 |
| ***Subtotal - INTERPRISE - ACCOUNT CONSULTANT*** | | | | | | **12.00** | | **$7.83** |
| **-!NTERPRISE - CUSTOMER SERVICE DELIVERY (DATA APPLICATIONS ORDER SPECIALIST)** | | | | | | | | |
| Verify FRSR (Frame Relay Service) | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Address Verification | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Send to EXACT / Assign order | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Send information to IABS and updates ORACLE | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Issue IABS Order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Complete IABS order & send to Billing | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Subtotal - INTERPRISE - CUSTOMER SERVICE DELIVERY (DATA APPLICATIONS ORDER SPECIALIST)*** | | | | | | **43.00** | | **$28.06** |
| ***Total For Service:*** | | | | | | **57.00** | | **$37.20** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CUSTOMER TRANSFER CHARGE ADVANCED COMMUNICATION SERVICE PER CKT (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 587 | **Direct Cost** | | | | $37.20 |
| 588 | | | | | |
| 589 | | | | | |
| 590 | | Cost Calculation | | Cost Factor | Cost |
| 591 | | B | C | D | E |
| 592 | ***Directly Assigned*** | | | | |
| 593 | Product Management Expense | D593*E587 | | 0.025565 | $0.95 |
| 594 | Sales Expense | D594*E587 | | 0.009225 | $0.34 |
| 595 | Product Advertising Expense | D595*E587 | | 0.000000 | $0.00 |
| 596 | Business Fees (Other Operating Taxes) | D596*Sum(E587:E595) | | 0.002025 | $0.08 |
| 597 | ***Directly Assigned Costs*** | Sum(E587:E596) | | | $1.37 |
| 598 | | | | | |
| 599 | ***Total Direct Costs*** | E587+E597 | | | $38.57 |
| 600 | | | | | |
| 601 | ***Directly Attributed*** | | | | |
| 602 | Network Operations | D602*E599 | | 0.040880 | $1.58 |
| 603 | Network Support Assets | D603*E599 | | 0.015364 | $0.59 |
| 604 | General Support Assets | D604*E599 | | 0.069508 | $2.68 |
| 605 | General Purpose Computers | D605*E599 | | 0.034714 | $1.34 |
| 606 | Uncollectible | D606*E599 | | 0.000401 | $0.02 |
| 607 | Accounting & Finance Expense | D607*E599 | | 0.008839 | $0.34 |
| 608 | Human Resources Expense | D608*E599 | | 0.008145 | $0.31 |
| 609 | Information Management Expense | D609*E599 | | 0.057009 | $2.20 |
| 610 | Intangibles | D610*E599 | | 0.002091 | $0.08 |
| 611 | ***Directly Attributed Costs*** | Sum(E602:E610) | | | $9.14 |
| 612 | | | | | |
| 613 | ***TELRIC*** | E602+E611 | | | $47.71 |
| 614 | | | | | |
| 615 | ***Common*** | | | | |
| 616 | Executive Expense | D616*E613 | | 0.007805 | $0.37 |
| 617 | Planning Expense | D617*E613 | | 0.000580 | $0.03 |
| 618 | External Relations Expense | D618*E613 | | 0.013029 | $0.62 |
| 619 | Legal Expense | D619*E613 | | 0.006148 | $0.29 |
| 620 | Other Procurement Expense | D620*E613 | | 0.002359 | $0.11 |
| 621 | Research & Development Expense | D621*E613 | | 0.000036 | $0.00 |
| 622 | Other General and Admin Expense | D622*E613 | | 0.015212 | $0.73 |
| 623 | ***Common Costs*** | Sum(E616:E622) | | | $2.16 |
| 624 | | | | | |
| 625 | ***TELRIC + Common Costs*** | E613+E623 | | | $49.87 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS1 ENTRANCE FACILITY*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVCIE DELIVERY COORDINATOR** | | | | | | | | |
| ***Cost associated with DS1 EF order processed by coordinator is assumed to be recovered on order provisioning the direct trunk transport order. The facility order for the DTT is in the First Trunk cost.*** | | | | | | | | |
| ***Subtotal - SERVCIE DELIVERY COORDINATOR*** | | | | | | **0.00** | | **$0.00** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| LOG AND VERIFY FACILITY manual orders | 45 | 0.050 | | | | 2.25 | $44.31 | $1.66 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION manual order | 6 | 0.050 | | | | 0.30 | $44.31 | $0.22 |
| BUILD AND VERIFY CIRCUIT DESIGN manual orders | 15 | 0.200 | | | | 3.00 | $44.31 | $2.22 |
| DISTRIBUTE DOCUMENTS | 4 | 1.000 | | | | 4.00 | $44.31 | $2.95 |
| LOG AND VERIFY FACILITY mechanized orders | 25 | 0.950 | | | | 23.75 | $44.31 | $17.54 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION mechanized | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| BUILD AND VERIFY CIRCUIT DESIGN mechanized orders | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| ***Subtotal - DESIGN*** | | | | | | **40.15** | | **$29.65** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| JUMPER ACTIVITY | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| COMPLETE ORDER IN WFA/DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCTI | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **14.00** | | **$10.22** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***.5 prob. is % of time installer involved during testing. NIU placed 50% per Di 798.*** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| JUMPER ACTIVITY | 4 | 1.000 | | | | 4.00 | $42.68 | $2.85 |
| PLACE LOOPBACK TEST PLUG | 2 | 0.500 | | | | 1.00 | $42.68 | $0.71 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENTRANCE FACILITY (con't)*** | | | | | | | | |
| TEST WITH IMPLEMENTOR | 15 | 0.500 | | | | 7.50 | $42.68 | $5.34 |
| REMOVE LOOPBACK TEST PLUG | 2 | 0.500 | | | | 1.00 | $42.68 | $0.71 |
| CONTACT LRAC TO CLOSE ORD | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **40.50** | | **$28.81** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***Cost associated with DS1 EF order processed by coordinator is assumed to be recovered on order provisioning the direct trunk transport order. The facility order for the DTT is in the First Trunk cost.*** | | | | | | | | |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **0.00** | | **$0.00** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .95) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| LOG AND VERIFY FACILITY manual orders | 8 | 0.050 | | | | 0.40 | $44.31 | $0.30 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION manual order | 5 | 0.050 | | | | 0.25 | $44.31 | $0.18 |
| BUILD AND VERIFY CIRCUIT DESIGN manual orders | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| LOG AND VERIFY FACILITY mechanized orders | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION mechanized | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| BUILD AND VERIFY CIRCUIT DESIGN mechanized orders | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| ***Subtotal - DESIGN*** | | | | | | **9.45** | | **$6.98** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISABLING CIRCUIT | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| JUMPER ACTIVITY | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.30** | | **$8.25** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS1 ENTRANCE FACILITY (con't)*** | | | | | | | | |
| -LRAC | | | | | | | | |
| ***Dispatch out to recover equipment. Installer time charged to X code.*** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **10.00** | | **$6.30** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **220.40** | | **$158.57** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1 ENTRANCE FACILITY (con't)***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 767 | **Direct Cost** | | | | | | | | $158.57 |
| 768 | | | | | | | | | |
| 769 | | | | | | | | | |
| 770 | | | | Cost Calculation | | | Cost Factor | | Cost |
| 771 | | | | B | C | | D | | E |
| 772 | ***Directly Assigned*** | | | | | | | | |
| 773 | Product Management Expense | | | D773*E767 | | | 0.025565 | | $4.05 |
| 774 | Sales Expense | | | D774*E767 | | | 0.009225 | | $1.46 |
| 775 | Product Advertising Expense | | | D775*E767 | | | 0.000000 | | $0.00 |
| 776 | Business Fees (Other Operating Taxes) | | | D776*Sum(E767:E775) | | | 0.002025 | | $0.33 |
| 777 | ***Directly Assigned Costs*** | | | Sum(E767:E776) | | | | | $5.85 |
| 778 | | | | | | | | | |
| 779 | ***Total Direct Costs*** | | | E767+E777 | | | | | $164.42 |
| 780 | | | | | | | | | |
| 781 | ***Directly Attributed*** | | | | | | | | |
| 782 | Network Operations | | | D782*E779 | | | 0.040880 | | $6.72 |
| 783 | Network Support Assets | | | D783*E779 | | | 0.015364 | | $2.53 |
| 784 | General Support Assets | | | D784*E779 | | | 0.069508 | | $11.43 |
| 785 | General Purpose Computers | | | D785*E779 | | | 0.034714 | | $5.71 |
| 786 | Uncollectible | | | D786*E779 | | | 0.000401 | | $0.07 |
| 787 | Accounting & Finance Expense | | | D787*E779 | | | 0.008839 | | $1.45 |
| 788 | Human Resources Expense | | | D788*E779 | | | 0.008145 | | $1.34 |
| 789 | Information Management Expense | | | D789*E779 | | | 0.057009 | | $9.37 |
| 790 | Intangibles | | | D790*E779 | | | 0.002091 | | $0.34 |
| 791 | ***Directly Attributed Costs*** | | | Sum(E782:E790) | | | | | $38.96 |
| 792 | | | | | | | | | |
| 793 | ***TELRIC*** | | | E782+E791 | | | | | $203.38 |
| 794 | | | | | | | | | |
| 795 | ***Common*** | | | | | | | | |
| 796 | Executive Expense | | | D796*E793 | | | 0.007805 | | $1.59 |
| 797 | Planning Expense | | | D797*E793 | | | 0.000580 | | $0.12 |
| 798 | External Relations Expense | | | D798*E793 | | | 0.013029 | | $2.65 |
| 799 | Legal Expense | | | D799*E793 | | | 0.006148 | | $1.25 |
| 800 | Other Procurement Expense | | | D800*E793 | | | 0.002359 | | $0.48 |
| 801 | Research & Development Expense | | | D801*E793 | | | 0.000036 | | $0.01 |
| 802 | Other General and Admin Expense | | | D802*E793 | | | 0.015212 | | $3.09 |
| 803 | ***Common Costs*** | | | Sum(E796:E802) | | | | | $9.19 |
| 804 | | | | | | | | | |
| 805 | ***TELRIC + Common Costs*** | | | E793+E803 | | | | | $212.56 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENTRANCE FACILITY*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.1 probability for da/op trunks ordered having separate contract estimated to occurr 10% of asr's.*** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SEP CONTRACT FOR DA/OP TRKS | 5 | 0.100 | | | | 0.50 | $40.03 | $0.33 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY TRANSLATION QUEST | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ASSIGN NEW 2 6 CODE | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| COMPLETE TGMR/TRDB | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| SS7 FORM - NSMC | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| ICO COORDINATION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL FOC/DLR | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT ON INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST TRUNK BHM VALIDATE | 6 | 1.000 | | | | 6.00 | $40.03 | $4.00 |
| ORD DIST TRUNK NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK NEW | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK AUG | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| ORD COMP EF/DTT VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | 123.00 | | $82.06 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENTRANCE FACILITY (con't)*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| LOG AND VERIFY FACILITY manual orders | 45 | 0.050 | | | | 2.25 | $44.31 | $1.66 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION manual order | 6 | 0.050 | | | | 0.30 | $44.31 | $0.22 |
| BUILD AND VERIFY CIRCUIT DESIGN manual orders | 15 | 0.200 | | | | 3.00 | $44.31 | $2.22 |
| DISTRIBUTE DOCUMENTS | 4 | 1.000 | | | | 4.00 | $44.31 | $2.95 |
| LOG AND VERIFY FACILITY mechanized orders | 25 | 0.950 | | | | 23.75 | $44.31 | $17.54 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION mechanized | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| BUILD AND VERIFY CIRCUIT DESIGN mechanized orders | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| ***Subtotal - DESIGN*** | | | | | | **40.15** | | **$29.65** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| JUMPER ACTIVITY | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| COMPLETE ORDER IN WFA/DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCTI | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **14.00** | | **$10.22** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***.5 prob. is % of time installer involved during testing. NIU placed 50% per Di 798.*** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| JUMPER ACTIVITY | 4 | 1.000 | | | | 4.00 | $42.68 | $2.85 |
| PLACE LOOPBACK TEST PLUG | 2 | 0.500 | | | | 1.00 | $42.68 | $0.71 |
| TEST WITH IMPLEMENTOR | 15 | 0.500 | | | | 7.50 | $42.68 | $5.34 |
| REMOVE LOOPBACK TEST PLUG | 2 | 0.500 | | | | 1.00 | $42.68 | $0.71 |
| CONTACT LRAC TO CLOSE ORD | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **40.50** | | **$28.81** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENTRANCE FACILITY (con't)*** | | | | | | | | |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| CHECK TIRKS FOR DS1S ON DS3 | 5 | 0.750 | | | | 3.75 | $40.03 | $2.50 |
| CHK EXACT ASR FOR DISC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL GCOCMA | 15 | 0.100 | | | | 1.50 | $40.03 | $1.00 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ORD DIST EF/DTT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| USOC VALIDATION | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMP EF/DTT VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK WFA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **89.25** | | **$59.54** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .95) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| LOG AND VERIFY FACILITY manual orders | 8 | 0.050 | | | | 0.40 | $44.31 | $0.30 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION manual order | 5 | 0.050 | | | | 0.25 | $44.31 | $0.18 |
| BUILD AND VERIFY CIRCUIT DESIGN manual orders | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENTRANCE FACILITY (con't)*** | | | | | | | | |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| LOG AND VERIFY FACILITY mechanized orders | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| BUILD AND VALIDATE DESIGN RELATED INFO AND WORK AUTHORIZATION mechanized | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| BUILD AND VERIFY CIRCUIT DESIGN mechanized orders | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| ***Subtotal - DESIGN*** | | | | | | **9.45** | | **$6.98** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISABLE CIRCUIT | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| JUMPER ACTIVITY | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.30** | | **$8.25** |
| **-LRAC** | | | | | | | | |
| ***Dispatch out to recover equipment. Installer time charged to X code.*** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **10.00** | | **$6.30** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **432.65** | | **$300.18** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS3 ENTRANCE FACILITY (con't)***

| | | Cost Calculation | | Cost Factor | Cost |
|---|---|---|---|---|---|
| | | B | C | D | E |
| 992 | **Direct Cost** | | | | $300.18 |
| 993 | | | | | |
| 994 | | | | | |
| 995 | | | | | |
| 996 | | | | | |
| 997 | ***Directly Assigned*** | | | | |
| 998 | Product Management Expense | D998*E992 | | 0.025565 | $7.67 |
| 999 | Sales Expense | D999*E992 | | 0.009225 | $2.77 |
| 1000 | Product Advertising Expense | D1000*E992 | | 0.000000 | $0.00 |
| 1001 | Business Fees (Other Operating Taxes) | D1001*Sum(E992:E1000) | | 0.002025 | $0.63 |
| 1002 | ***Directly Assigned Costs*** | Sum(E992:E1001) | | | $11.07 |
| 1003 | | | | | |
| 1004 | ***Total Direct Costs*** | E992+E1002 | | | $311.25 |
| 1005 | | | | | |
| 1006 | ***Directly Attributed*** | | | | |
| 1007 | Network Operations | D1007*E1004 | | 0.040880 | $12.72 |
| 1008 | Network Support Assets | D1008*E1004 | | 0.015364 | $4.78 |
| 1009 | General Support Assets | D1009*E1004 | | 0.069508 | $21.63 |
| 1010 | General Purpose Computers | D1010*E1004 | | 0.034714 | $10.80 |
| 1011 | Uncollectible | D1011*E1004 | | 0.000401 | $0.12 |
| 1012 | Accounting & Finance Expense | D1012*E1004 | | 0.008839 | $2.75 |
| 1013 | Human Resources Expense | D1013*E1004 | | 0.008145 | $2.54 |
| 1014 | Information Management Expense | D1014*E1004 | | 0.057009 | $17.74 |
| 1015 | Intangibles | D1015*E1004 | | 0.002091 | $0.65 |
| 1016 | ***Directly Attributed Costs*** | Sum(E1007:E1015) | | | $73.75 |
| 1017 | | | | | |
| 1018 | ***TELRIC*** | E1007+E1016 | | | $385.00 |
| 1019 | | | | | |
| 1020 | ***Common*** | | | | |
| 1021 | Executive Expense | D1021*E1018 | | 0.007805 | $3.00 |
| 1022 | Planning Expense | D1022*E1018 | | 0.000580 | $0.22 |
| 1023 | External Relations Expense | D1023*E1018 | | 0.013029 | $5.02 |
| 1024 | Legal Expense | D1024*E1018 | | 0.006148 | $2.37 |
| 1025 | Other Procurement Expense | D1025*E1018 | | 0.002359 | $0.91 |
| 1026 | Research & Development Expense | D1026*E1018 | | 0.000036 | $0.01 |
| 1027 | Other General and Admin Expense | D1027*E1018 | | 0.015212 | $5.86 |
| 1028 | ***Common Costs*** | Sum(E1021:E1027) | | | $17.39 |
| 1029 | | | | | |
| 1030 | ***TELRIC + Common Costs*** | E1018+E1028 | | | $402.39 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MULTIPLEX DS1 TO DSO*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MULTIPLEX DS1 TO DSO (con't)*** | | | | | | | | |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **31.00** | | **$22.64** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MULTIPLEX DS1 TO DSO (con't)*** | | | | | | | | |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **11.00** | | **$8.03** |
| ***Total For Service:*** | | | | | | **277.85** | | **$193.79** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MULTIPLEX DS1 TO DSO (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 1172 | **Direct Cost** | | | | | $193.79 |
| 1173 | | | | | | |
| 1174 | | | | Cost Calculation | Cost Factor | Cost |
| 1175 | | | | B | D | E |
| 1176 | | | | | | |
| 1177 | ***Directly Assigned*** | | | | | |
| 1178 | Product Management Expense | | | D1178*E1172 | 0.025565 | $4.95 |
| 1179 | Sales Expense | | | D1179*E1172 | 0.009225 | $1.79 |
| 1180 | Product Advertising Expense | | | D1180*E1172 | 0.000000 | $0.00 |
| 1181 | Business Fees (Other Operating Taxes) | | | D1181*Sum(E1172:E1180) | 0.002025 | $0.41 |
| 1182 | ***Directly Assigned Costs*** | | | Sum(E1172:E1181) | | $7.15 |
| 1183 | | | | | | |
| 1184 | ***Total Direct Costs*** | | | E1172+E1182 | | $200.94 |
| 1185 | | | | | | |
| 1186 | ***Directly Attributed*** | | | | | |
| 1187 | Network Operations | | | D1187*E1184 | 0.040880 | $8.21 |
| 1188 | Network Support Assets | | | D1188*E1184 | 0.015364 | $3.09 |
| 1189 | General Support Assets | | | D1189*E1184 | 0.069508 | $13.97 |
| 1190 | General Purpose Computers | | | D1190*E1184 | 0.034714 | $6.98 |
| 1191 | Uncollectible | | | D1191*E1184 | 0.000401 | $0.08 |
| 1192 | Accounting & Finance Expense | | | D1192*E1184 | 0.008839 | $1.78 |
| 1193 | Human Resources Expense | | | D1193*E1184 | 0.008145 | $1.64 |
| 1194 | Information Management Expense | | | D1194*E1184 | 0.057009 | $11.46 |
| 1195 | Intangibles | | | D1195*E1184 | 0.002091 | $0.42 |
| 1196 | ***Directly Attributed Costs*** | | | Sum(E1187:E1195) | | $47.61 |
| 1197 | | | | | | |
| 1198 | ***TELRIC*** | | | E1187+E1196 | | $248.55 |
| 1199 | | | | | | |
| 1200 | ***Common*** | | | | | |
| 1201 | Executive Expense | | | D1201*E1198 | 0.007805 | $1.94 |
| 1202 | Planning Expense | | | D1202*E1198 | 0.000580 | $0.14 |
| 1203 | External Relations Expense | | | D1203*E1198 | 0.013029 | $3.24 |
| 1204 | Legal Expense | | | D1204*E1198 | 0.006148 | $1.53 |
| 1205 | Other Procurement Expense | | | D1205*E1198 | 0.002359 | $0.59 |
| 1206 | Research & Development Expense | | | D1206*E1198 | 0.000036 | $0.01 |
| 1207 | Other General and Admin Expense | | | D1207*E1198 | 0.015212 | $3.78 |
| 1208 | ***Common Costs*** | | | Sum(E1201:E1207) | | $11.23 |
| 1209 | | | | | | |
| 1210 | ***TELRIC + Common Costs*** | | | E1198+E1208 | | $259.78 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
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Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MULTIPLEX DS3 TO DS1*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MULTIPLEX DS3 TO DS1 (con't)*** | | | | | | | | |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **31.00** | | **$22.64** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MULTIPLEX DS3 TO DS1 (con't)*** | | | | | | | | |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **11.00** | | **$8.03** |
| ***Total For Service:*** | | | | | | **277.85** | | **$193.79** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MULTIPLEX DS3 TO DS1 (con't)***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 1352 | **Direct Cost** | | | | | | | | $193.79 |
| 1353 | | | | | | | | | |
| 1354 | | | Cost Calculation | | | | Cost Factor | | Cost |
| 1355 | | | | | | | | | |
| 1356 | | | B | C | | | D | | E |
| 1357 | ***Directly Assigned*** | | | | | | | | |
| 1358 | Product Management Expense | | D1358*E1352 | | | | 0.025565 | | $4.95 |
| 1359 | Sales Expense | | D1359*E1352 | | | | 0.009225 | | $1.79 |
| 1360 | Product Advertising Expense | | D1360*E1352 | | | | 0.000000 | | $0.00 |
| 1361 | Business Fees (Other Operating Taxes) | | D1361*Sum(E1352:E1360) | | | | 0.002025 | | $0.41 |
| 1362 | ***Directly Assigned Costs*** | | Sum(E1352:E1361) | | | | | | $7.15 |
| 1363 | | | | | | | | | |
| 1364 | ***Total Direct Costs*** | | E1352+E1362 | | | | | | $200.94 |
| 1365 | | | | | | | | | |
| 1366 | ***Directly Attributed*** | | | | | | | | |
| 1367 | Network Operations | | D1367*E1364 | | | | 0.040880 | | $8.21 |
| 1368 | Network Support Assets | | D1368*E1364 | | | | 0.015364 | | $3.09 |
| 1369 | General Support Assets | | D1369*E1364 | | | | 0.069508 | | $13.97 |
| 1370 | General Purpose Computers | | D1370*E1364 | | | | 0.034714 | | $6.98 |
| 1371 | Uncollectible | | D1371*E1364 | | | | 0.000401 | | $0.08 |
| 1372 | Accounting & Finance Expense | | D1372*E1364 | | | | 0.008839 | | $1.78 |
| 1373 | Human Resources Expense | | D1373*E1364 | | | | 0.008145 | | $1.64 |
| 1374 | Information Management Expense | | D1374*E1364 | | | | 0.057009 | | $11.46 |
| 1375 | Intangibles | | D1375*E1364 | | | | 0.002091 | | $0.42 |
| 1376 | ***Directly Attributed Costs*** | | Sum(E1367:E1375) | | | | | | $47.61 |
| 1377 | | | | | | | | | |
| 1378 | ***TELRIC*** | | E1367+E1376 | | | | | | $248.55 |
| 1379 | | | | | | | | | |
| 1380 | ***Common*** | | | | | | | | |
| 1381 | Executive Expense | | D1381*E1378 | | | | 0.007805 | | $1.94 |
| 1382 | Planning Expense | | D1382*E1378 | | | | 0.000580 | | $0.14 |
| 1383 | External Relations Expense | | D1383*E1378 | | | | 0.013029 | | $3.24 |
| 1384 | Legal Expense | | D1384*E1378 | | | | 0.006148 | | $1.53 |
| 1385 | Other Procurement Expense | | D1385*E1378 | | | | 0.002359 | | $0.59 |
| 1386 | Research & Development Expense | | D1386*E1378 | | | | 0.000036 | | $0.01 |
| 1387 | Other General and Admin Expense | | D1387*E1378 | | | | 0.015212 | | $3.78 |
| 1388 | ***Common Costs*** | | Sum(E1381:E1387) | | | | | | $11.23 |
| 1389 | | | | | | | | | |
| 1390 | ***TELRIC + Common Costs*** | | E1378+E1388 | | | | | | $259.78 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK FIRST*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.1 probability for da/op trunks ordered having separate contract estimated to occurr 10% of asr's.*** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SEP CONTRACT FOR DA/OP TRKS | 5 | 0.100 | | | | 0.50 | $40.03 | $0.33 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY TRANSLATION QUEST | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ASSIGN NEW 2 6 CODE | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| COMPLETE TGMR/TRDB | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| SS7 FORM - NSMC | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| ICO COORDINATION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL FOC/DLR | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT ON INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST TRUNK BHM VALIDATE | 6 | 1.000 | | | | 6.00 | $40.03 | $4.00 |
| ORD DIST TRUNK NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK NEW | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK AUG | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| ORD COMP EF/DTT VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | 123.00 | | $82.06 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK FIRST (con't)*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***DS1 DTT facility assumed to be provisioned on order for DS1Entrance Facility.*** | | | | | | | | |
| ***Assumes DS1 from POP to End Office. All facility design time in EF.*** | | | | | | | | |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION manual ord | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION mechanized | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| PERFORM TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.39** | | **$1.03** |
| **-TRANSLATIONS** | | | | | | | | |
| ***.5 probability is % orders establishing a new trunk group.*** | | | | | | | | |
| ***2 probability is number of route indexes per trunk group.*** | | | | | | | | |
| ASSIGN TRUNK GRP NUMBER | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| ANALYZE ASR/TQ | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| BUILD NEW TRUNK GROUP | 20 | 0.500 | | | | 10.00 | $41.45 | $6.91 |
| ASSIGN ROUTE INDEX | 10 | 0.500 | 2.000 | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work in serving wire center assumed in entrance facility.*** | | | | | | | | |
| ***Work performed in end office, int ofc. (50%).*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (1 OFC) | 14 | 0.042 | | | | 0.58 | $43.81 | $0.43 |
| DS1 FACILITY ORD (INT OFC) | 14 | 0.042 | 0.500 | | | 0.29 | $43.81 | $0.21 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **0.88** | | **$0.64** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***DS1 DTT facility assumed to be provisioned on order for DS1Entrance Facility.*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Set DS1 Translations Options in Switch, Add Trunk Group members | 30 | 1.000 | | | | 30.00 | $43.81 | $21.91 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK FIRST (con't)*** | | | | | | | | |
| TEST CIRCUIT | 25 | 1.000 | | | | 25.00 | $43.81 | $18.25 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **90.00** | | **$65.72** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| CHECK TIRKS FOR DS1S ON DS3 | 5 | 0.750 | | | | 3.75 | $40.03 | $2.50 |
| CHK EXACT ASR FOR DISC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL GCOCMA | 15 | 0.100 | | | | 1.50 | $40.03 | $1.00 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ORD DIST EF/DTT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| USOC VALIDATION | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMP EF/DTT VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK WFA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **89.25** | | **$59.54** |
| **-DESIGN** | | | | | | | | |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK FIRST (con't)*** | | | | | | | | |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VALIDATE WA manual order | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| BUILD/VALIDATE WA mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in end office, int. ofc. (50%).*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (1 OFC) | 9.3 | 0.042 | | | | 0.39 | $43.81 | $0.28 |
| DS1 FACILITY ORD (INT OFC) | 9.3 | 0.042 | 0.500 | | | 0.20 | $43.81 | $0.14 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **0.58** | | **$0.43** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Remove TCICS and Trunk Group memebers in switch | 20 | 1.000 | | | | 20.00 | $43.81 | $14.60 |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.00** | | **$25.56** |
| ***Total For Service:*** | | | | | | **370.88** | | **$256.27** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SWITCHED TRANSPORT DS1 TRUNK FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B C | D | E |
| 1577 | **Direct Cost** | | | $256.27 |
| 1578 | | | | |
| 1579 | | | | |
| 1580 | | | | |
| 1581 | | | | |
| 1582 | ***Directly Assigned*** | | | |
| 1583 | Product Management Expense | D1583*E1577 | 0.025565 | $6.55 |
| 1584 | Sales Expense | D1584*E1577 | 0.009225 | $2.36 |
| 1585 | Product Advertising Expense | D1585*E1577 | 0.000000 | $0.00 |
| 1586 | Business Fees (Other Operating Taxes) | D1586*Sum(E1577:E1585) | 0.002025 | $0.54 |
| 1587 | ***Directly Assigned Costs*** | Sum(E1577:E1586) | | $9.45 |
| 1588 | | | | |
| 1589 | ***Total Direct Costs*** | E1577+E1587 | | $265.72 |
| 1590 | | | | |
| 1591 | ***Directly Attributed*** | | | |
| 1592 | Network Operations | D1592*E1589 | 0.040880 | $10.86 |
| 1593 | Network Support Assets | D1593*E1589 | 0.015364 | $4.08 |
| 1594 | General Support Assets | D1594*E1589 | 0.069508 | $18.47 |
| 1595 | General Purpose Computers | D1595*E1589 | 0.034714 | $9.22 |
| 1596 | Uncollectible | D1596*E1589 | 0.000401 | $0.11 |
| 1597 | Accounting & Finance Expense | D1597*E1589 | 0.008839 | $2.35 |
| 1598 | Human Resources Expense | D1598*E1589 | 0.008145 | $2.16 |
| 1599 | Information Management Expense | D1599*E1589 | 0.057009 | $15.15 |
| 1600 | Intangibles | D1600*E1589 | 0.002091 | $0.56 |
| 1601 | ***Directly Attributed Costs*** | Sum(E1592:E1600) | | $62.96 |
| 1602 | | | | |
| 1603 | ***TELRIC*** | E1592+E1601 | | $328.69 |
| 1604 | | | | |
| 1605 | ***Common*** | | | |
| 1606 | Executive Expense | D1606*E1603 | 0.007805 | $2.57 |
| 1607 | Planning Expense | D1607*E1603 | 0.000580 | $0.19 |
| 1608 | External Relations Expense | D1608*E1603 | 0.013029 | $4.28 |
| 1609 | Legal Expense | D1609*E1603 | 0.006148 | $2.02 |
| 1610 | Other Procurement Expense | D1610*E1603 | 0.002359 | $0.78 |
| 1611 | Research & Development Expense | D1611*E1603 | 0.000036 | $0.01 |
| 1612 | Other General and Admin Expense | D1612*E1603 | 0.015212 | $5.00 |
| 1613 | ***Common Costs*** | Sum(E1606:E1612) | | $14.85 |
| 1614 | | | | |
| 1615 | ***TELRIC + Common Costs*** | E1603+E1613 | | $343.53 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK EA ADDL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***DS1 DTT facility assumed to be provisioned on order for DS1Entrance Facility.*** | | | | | | | | |
| ***Assumes DS1 from POP to End Office. All facility design time in EF.*** | | | | | | | | |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION manual ord | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION mechanized | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| PERFORM TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.39** | | **$1.03** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in end office, int ofc. (50%).*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (1 OFC) | 14 | 0.042 | | | | 0.58 | $43.81 | $0.43 |
| DS1 FACILITY ORD (INT OFC) | 14 | 0.042 | 0.500 | | | 0.29 | $43.81 | $0.21 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **0.88** | | **$0.64** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| VERIFY LNO COMPLETION | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| TEST CIRCUIT | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **2.20** | | **$1.61** |
| ***DISCONNECT*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SWITCHED TRANSPORT DS1 TRUNK EA ADDL (con't)*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VALIDATE WA manual order | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| BUILD/VALIDATE WA mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in end office, int ofc. (50%).*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (1 OFC) | 9.3 | 0.042 | | | | 0.39 | $43.81 | $0.28 |
| DS1 FACILITY ORD (INT OFC) | 9.3 | 0.042 | 0.500 | | | 0.20 | $43.81 | $0.14 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **0.58** | | **$0.43** |
| ***Total For Service:*** | | | | | | **5.83** | | **$4.27** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SWITCHED TRANSPORT DS1 TRUNK EA ADDL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 1712 | **Direct Cost** | | | | $4.27 |
| 1713 | | | | | |
| 1714 | | | Cost Calculation | Cost Factor | Cost |
| 1715 | | | | | |
| 1716 | | | B | C | D | E |
| 1717 | ***Directly Assigned*** | | | | |
| 1718 | Product Management Expense | | D1718*E1712 | 0.025565 | $0.11 |
| 1719 | Sales Expense | | D1719*E1712 | 0.009225 | $0.04 |
| 1720 | Product Advertising Expense | | D1720*E1712 | 0.000000 | $0.00 |
| 1721 | Business Fees (Other Operating Taxes) | | D1721*Sum(E1712:E1720) | 0.002025 | $0.01 |
| 1722 | ***Directly Assigned Costs*** | | Sum(E1712:E1721) | | $0.16 |
| 1723 | | | | | |
| 1724 | ***Total Direct Costs*** | | E1712+E1722 | | $4.43 |
| 1725 | | | | | |
| 1726 | ***Directly Attributed*** | | | | |
| 1727 | Network Operations | | D1727*E1724 | 0.040880 | $0.18 |
| 1728 | Network Support Assets | | D1728*E1724 | 0.015364 | $0.07 |
| 1729 | General Support Assets | | D1729*E1724 | 0.069508 | $0.31 |
| 1730 | General Purpose Computers | | D1730*E1724 | 0.034714 | $0.15 |
| 1731 | Uncollectible | | D1731*E1724 | 0.000401 | $0.00 |
| 1732 | Accounting & Finance Expense | | D1732*E1724 | 0.008839 | $0.04 |
| 1733 | Human Resources Expense | | D1733*E1724 | 0.008145 | $0.04 |
| 1734 | Information Management Expense | | D1734*E1724 | 0.057009 | $0.25 |
| 1735 | Intangibles | | D1735*E1724 | 0.002091 | $0.01 |
| 1736 | ***Directly Attributed Costs*** | | Sum(E1727:E1735) | | $1.05 |
| 1737 | | | | | |
| 1738 | ***TELRIC*** | | E1727+E1736 | | $5.48 |
| 1739 | | | | | |
| 1740 | ***Common*** | | | | |
| 1741 | Executive Expense | | D1741*E1738 | 0.007805 | $0.04 |
| 1742 | Planning Expense | | D1742*E1738 | 0.000580 | $0.00 |
| 1743 | External Relations Expense | | D1743*E1738 | 0.013029 | $0.07 |
| 1744 | Legal Expense | | D1744*E1738 | 0.006148 | $0.03 |
| 1745 | Other Procurement Expense | | D1745*E1738 | 0.002359 | $0.01 |
| 1746 | Research & Development Expense | | D1746*E1738 | 0.000036 | $0.00 |
| 1747 | Other General and Admin Expense | | D1747*E1738 | 0.015212 | $0.08 |
| 1748 | ***Common Costs*** | | Sum(E1741:E1747) | | $0.25 |
| 1749 | | | | | |
| 1750 | ***TELRIC + Common Costs*** | | E1738+E1748 | | $5.73 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK FIRST*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.1 probability for da/op trunks ordered having separate contract estimated to occurr 10% of asr's.*** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SEP CONTRACT FOR DA/OP TRKS | 5 | 0.100 | | | | 0.50 | $40.03 | $0.33 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY TRANSLATION QUEST | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ASSIGN NEW 2 6 CODE | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| COMPLETE TGMR/TRDB | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| SS7 FORM - NSMC | 5 | 0.500 | | | | 2.50 | $40.03 | $1.67 |
| ICO COORDINATION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL FOC/DLR | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT ON INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST TRUNK BHM VALIDATE | 6 | 1.000 | | | | 6.00 | $40.03 | $4.00 |
| ORD DIST TRUNK NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK NEW | 4 | 0.500 | | | | 2.00 | $40.03 | $1.33 |
| EF/DTT TUF/IABS USOC TRK AUG | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| ORD COMP EF/DTT VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **123.00** | | **$82.06** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK FIRST (con't)*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***.042 weighting represents 1/24 of a DS1 DTT/TST facility order processed at same time trunk order is processed.*** | | | | | | | | |
| PROCESS DS1 DTT FACILITY ORDER | 40 | 0.042 | | | | 1.68 | $44.31 | $1.24 |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION manual ord | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION mechanized | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| PERFORM TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **3.07** | | **$2.27** |
| **-TRANSLATIONS** | | | | | | | | |
| ***.5 probability is % orders establishing a new trunk group.*** | | | | | | | | |
| ***2 probability is number of route indexes per trunk group.*** | | | | | | | | |
| ASSIGN TRUNK GRP NUMBER | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| ANALYZE ASR/TQ | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| BUILD NEW TRUNK GROUP | 20 | 0.500 | | | | 10.00 | $41.45 | $6.91 |
| ASSIGN ROUTE INDEX | 10 | 0.500 | 2.000 | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in serving wire center and end office.*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (2 OFC) | 28 | 0.042 | | | | 1.16 | $43.81 | $0.85 |
| DS1 FACILITY ORD (INT OFC) | 14 | 0.042 | 0.500 | | | 0.29 | $43.81 | $0.21 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **1.46** | | **$1.07** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORDER | 70 | 0.042 | | | | 2.94 | $43.81 | $2.15 |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK FIRST (con't)*** | | | | | | | | |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Set DS1 Translations Options in Switch, Add Trunk Group members | 30 | 1.000 | | | | 30.00 | $43.81 | $21.91 |
| TEST CIRCUIT | 25 | 1.000 | | | | 25.00 | $43.81 | $18.25 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **92.94** | | **$67.86** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| VERIFY ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| CHECK TIRKS FOR DS1S ON DS3 | 5 | 0.750 | | | | 3.75 | $40.03 | $2.50 |
| CHK EXACT ASR FOR DISC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL GCOCMA | 15 | 0.100 | | | | 1.50 | $40.03 | $1.00 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TRUNK TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST TRUNK FETCH | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ORD DIST EF/DTT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| USOC VALIDATION | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMP EF/DTT VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK WFA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **89.25** | | **$59.54** |

**-DESIGN**

***.042 weighting represents 1/24 of a DS1 DTT facility order processed at same time trunk order is processed.***

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK FIRST (con't)*** | | | | | | | | |
| PROCESS DS1 DTT FACILITY DISCONNECT | 9.45 | 0.042 | | | | 0.40 | $44.31 | $0.29 |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VALIDATE WA manual order | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| BUILD/VALIDATE WA mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.18** | | **$0.87** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in serving wire center and end office.*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (2 OFC) | 20.6 | 0.042 | | | | 0.87 | $43.81 | $0.63 |
| DS1 FACILITY ORD (INT OFC) | 9.3 | 0.042 | 0.500 | | | 0.20 | $43.81 | $0.14 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **1.06** | | **$0.77** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORDER | 15 | 0.042 | | | | 0.63 | $43.81 | $0.46 |
| Remove TCICS and Trunk Group memebers in switch | 20 | 1.000 | | | | 20.00 | $43.81 | $14.60 |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.63** | | **$26.02** |
| ***Total For Service:*** | | | | | | **377.59** | | **$261.19** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SWITCHED TRANSPORT DS3 TRUNK FIRST (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 1937 | **Direct Cost** | | | | | $261.19 |
| 1938 | | | | | | |
| 1939 | | | Cost Calculation | | Cost Factor | Cost |
| 1940 | | | B | C | D | E |
| 1941 | | | | | | |
| 1942 | ***Directly Assigned*** | | | | | |
| 1943 | Product Management Expense | | D1943*E1937 | | 0.025565 | $6.68 |
| 1944 | Sales Expense | | D1944*E1937 | | 0.009225 | $2.41 |
| 1945 | Product Advertising Expense | | D1945*E1937 | | 0.000000 | $0.00 |
| 1946 | Business Fees (Other Operating Taxes) | | D1946*Sum(E1937:E1945) | | 0.002025 | $0.55 |
| 1947 | ***Directly Assigned Costs*** | | Sum(E1937:E1946) | | | $9.63 |
| 1948 | | | | | | |
| 1949 | ***Total Direct Costs*** | | E1937+E1947 | | | $270.82 |
| 1950 | | | | | | |
| 1951 | ***Directly Attributed*** | | | | | |
| 1952 | Network Operations | | D1952*E1949 | | 0.040880 | $11.07 |
| 1953 | Network Support Assets | | D1953*E1949 | | 0.015364 | $4.16 |
| 1954 | General Support Assets | | D1954*E1949 | | 0.069508 | $18.82 |
| 1955 | General Purpose Computers | | D1955*E1949 | | 0.034714 | $9.40 |
| 1956 | Uncollectible | | D1956*E1949 | | 0.000401 | $0.11 |
| 1957 | Accounting & Finance Expense | | D1957*E1949 | | 0.008839 | $2.39 |
| 1958 | Human Resources Expense | | D1958*E1949 | | 0.008145 | $2.21 |
| 1959 | Information Management Expense | | D1959*E1949 | | 0.057009 | $15.44 |
| 1960 | Intangibles | | D1960*E1949 | | 0.002091 | $0.57 |
| 1961 | ***Directly Attributed Costs*** | | Sum(E1952:E1960) | | | $64.17 |
| 1962 | | | | | | |
| 1963 | ***TELRIC*** | | E1952+E1961 | | | $334.99 |
| 1964 | | | | | | |
| 1965 | ***Common*** | | | | | |
| 1966 | Executive Expense | | D1966*E1963 | | 0.007805 | $2.61 |
| 1967 | Planning Expense | | D1967*E1963 | | 0.000580 | $0.19 |
| 1968 | External Relations Expense | | D1968*E1963 | | 0.013029 | $4.36 |
| 1969 | Legal Expense | | D1969*E1963 | | 0.006148 | $2.06 |
| 1970 | Other Procurement Expense | | D1970*E1963 | | 0.002359 | $0.79 |
| 1971 | Research & Development Expense | | D1971*E1963 | | 0.000036 | $0.01 |
| 1972 | Other General and Admin Expense | | D1972*E1963 | | 0.015212 | $5.10 |
| 1973 | ***Common Costs*** | | Sum(E1966:E1972) | | | $15.13 |
| 1974 | | | | | | |
| 1975 | ***TELRIC + Common Costs*** | | E1963+E1973 | | | $350.12 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK EA ADDL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***.042 weighting represents 1/24 of a DS1 DTT/TST facility order processed at same time trunk order is processed.*** | | | | | | | | |
| PROCESS DS1 DTT FACILITY ORDER | 40 | 0.042 | | | | 1.68 | $44.31 | $1.24 |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION manual ord | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VALIDATE DESIGN RELATED INFORMATION & WORK AUTHORIZATION mechanized | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| PERFORM TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **3.07** | | **$2.27** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in serving wire center and end office.*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (2 OFC) | 28 | 0.042 | | | | 1.18 | $43.81 | $0.86 |
| DS1 FACILITY ORD (INTERMEDIATE OFC) | 14 | 0.042 | 0.500 | | | 0.29 | $43.81 | $0.21 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **1.47** | | **$1.07** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***Implementor works two separate orders, facility order and trunks order.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORDER | 70 | 0.042 | | | | 2.94 | $43.81 | $2.15 |
| SCREEN WFA FOR CIRCUIT | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| VERIFY LNO COMPLETION | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| TEST CIRCUIT | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| COMPLETE CIRCUIT IN WFA/C | 0.4 | 1.000 | | | | 0.40 | $43.81 | $0.29 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **5.14** | | **$3.75** |
| ***DISCONNECT*** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SWITCHED TRANSPORT DS3 TRUNK EA ADDL (con't)*** | | | | | | | | |
| -DESIGN | | | | | | | | |
| ***.042 weighting represents 1/24 of a DS1 DTT facility order processed at same time trunk order is processed.*** | | | | | | | | |
| PROCESS DS1 DTT FACILITY DISCONNECT | 9.45 | 0.042 | | | | 0.40 | $44.31 | $0.29 |
| ***.05, .95 is percent orders processed manual versus mechanized.*** | | | | | | | | |
| ***.75 is percent orders processed manual.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCLIST TRUNKS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VALIDATE WA manual order | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| BUILD/VALIDATE WA mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| BUILD/VERIFY CIRCUIT DESIGN manual order | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| BUILD/VERIFY CIRCUIT DESIGN mechanized order | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| DISTRIBUTE DOCUMENTS | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.18** | | **$0.87** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***Central Office activity is for the transport facility order*** | | | | | | | | |
| ***Work performed in serving wire center and end office.*** | | | | | | | | |
| ***.5 probability is % time an intermediate office requires CO work.*** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORD (2 OFC) | 20.6 | 0.042 | | | | 0.87 | $43.81 | $0.63 |
| DS1 FACILITY ORD (INT OFC) | 9.3 | 0.042 | 0.500 | | | 0.20 | $43.81 | $0.14 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **1.06** | | **$0.77** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| DS1 FACILITY ORDER | 15 | 0.042 | | | | 0.63 | $43.81 | $0.46 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **0.63** | | **$0.46** |
| ***Total For Service:*** | | | | | | **12.55** | | **$9.20** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SWITCHED TRANSPORT DS3 TRUNK EA ADDL (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 2072 | **Direct Cost** | | | | | $9.20 |
| 2073 | | | | | | |
| 2074 | | | | | | |
| 2075 | | | | Cost Calculation | Cost Factor | Cost |
| 2076 | | | | B | D | E |
| 2077 | ***Directly Assigned*** | | | | | |
| 2078 | Product Management Expense | | | D2078*E2072 | 0.025565 | $0.24 |
| 2079 | Sales Expense | | | D2079*E2072 | 0.009225 | $0.08 |
| 2080 | Product Advertising Expense | | | D2080*E2072 | 0.000000 | $0.00 |
| 2081 | Business Fees (Other Operating Taxes) | | | D2081*Sum(E2072:E2080) | 0.002025 | $0.02 |
| 2082 | ***Directly Assigned Costs*** | | | Sum(E2072:E2081) | | $0.34 |
| 2083 | | | | | | |
| 2084 | ***Total Direct Costs*** | | | E2072+E2082 | | $9.54 |
| 2085 | | | | | | |
| 2086 | ***Directly Attributed*** | | | | | |
| 2087 | Network Operations | | | D2087*E2084 | 0.040880 | $0.39 |
| 2088 | Network Support Assets | | | D2088*E2084 | 0.015364 | $0.15 |
| 2089 | General Support Assets | | | D2089*E2084 | 0.069508 | $0.66 |
| 2090 | General Purpose Computers | | | D2090*E2084 | 0.034714 | $0.33 |
| 2091 | Uncollectible | | | D2091*E2084 | 0.000401 | $0.00 |
| 2092 | Accounting & Finance Expense | | | D2092*E2084 | 0.008839 | $0.08 |
| 2093 | Human Resources Expense | | | D2093*E2084 | 0.008145 | $0.08 |
| 2094 | Information Management Expense | | | D2094*E2084 | 0.057009 | $0.54 |
| 2095 | Intangibles | | | D2095*E2084 | 0.002091 | $0.02 |
| 2096 | ***Directly Attributed Costs*** | | | Sum(E2087:E2095) | | $2.26 |
| 2097 | | | | | | |
| 2098 | ***TELRIC*** | | | E2087+E2096 | | $11.80 |
| 2099 | | | | | | |
| 2100 | ***Common*** | | | | | |
| 2101 | Executive Expense | | | D2101*E2098 | 0.007805 | $0.09 |
| 2102 | Planning Expense | | | D2102*E2098 | 0.000580 | $0.01 |
| 2103 | External Relations Expense | | | D2103*E2098 | 0.013029 | $0.15 |
| 2104 | Legal Expense | | | D2104*E2098 | 0.006148 | $0.07 |
| 2105 | Other Procurement Expense | | | D2105*E2098 | 0.002359 | $0.03 |
| 2106 | Research & Development Expense | | | D2106*E2098 | 0.000036 | $0.00 |
| 2107 | Other General and Admin Expense | | | D2107*E2098 | 0.015212 | $0.18 |
| 2108 | ***Common Costs*** | | | Sum(E2101:E2107) | | $0.53 |
| 2109 | | | | | | |
| 2110 | ***TELRIC + Common Costs*** | | | E2098+E2108 | | $12.33 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CLEC TO CLEC COLLOCATION CROSS-CONNECTION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CLEC TO CLEC COLLOCATION CROSS-CONNECTION (con't)*** | | | | | | | | |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **14.00** | | **$10.22** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| VERIFY LNO COMPLETION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **25.00** | | **$18.25** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 5762 | **Direct Cost** | | | | $224.39 |
| 5763 | | | | | |
| 5764 | | Cost Calculation | | Cost Factor | Cost |
| 5765 | | | | | |
| 5766 | | B | C | D | E |
| 5767 | ***Directly Assigned*** | | | | |
| 5768 | Product Management Expense | D5768*E5762 | | 0.025565 | $5.74 |
| 5769 | Sales Expense | D5769*E5762 | | 0.009225 | $2.07 |
| 5770 | Product Advertising Expense | D5770*E5762 | | 0.000000 | $0.00 |
| 5771 | Business Fees (Other Operating Taxes) | D5771*Sum(E5762:E5770) | | 0.002025 | $0.47 |
| 5772 | ***Directly Assigned Costs*** | Sum(E5762:E5771) | | | $8.28 |
| 5773 | | | | | |
| 5774 | ***Total Direct Costs*** | E5762+E5772 | | | $232.67 |
| 5775 | | | | | |
| 5776 | ***Directly Attributed*** | | | | |
| 5777 | Network Operations | D5777*E5774 | | 0.040880 | $9.51 |
| 5778 | Network Support Assets | D5778*E5774 | | 0.015364 | $3.57 |
| 5779 | General Support Assets | D5779*E5774 | | 0.069508 | $16.17 |
| 5780 | General Purpose Computers | D5780*E5774 | | 0.034714 | $8.08 |
| 5781 | Uncollectible | D5781*E5774 | | 0.000401 | $0.09 |
| 5782 | Accounting & Finance Expense | D5782*E5774 | | 0.008839 | $2.06 |
| 5783 | Human Resources Expense | D5783*E5774 | | 0.008145 | $1.90 |
| 5784 | Information Management Expense | D5784*E5774 | | 0.057009 | $13.26 |
| 5785 | Intangibles | D5785*E5774 | | 0.002091 | $0.49 |
| 5786 | ***Directly Attributed Costs*** | Sum(E5777:E5785) | | | $55.13 |
| 5787 | | | | | |
| 5788 | ***TELRIC*** | E5777+E5786 | | | $287.80 |
| 5789 | | | | | |
| 5790 | ***Common*** | | | | |
| 5791 | Executive Expense | D5791*E5788 | | 0.007805 | $2.25 |
| 5792 | Planning Expense | D5792*E5788 | | 0.000580 | $0.17 |
| 5793 | External Relations Expense | D5793*E5788 | | 0.013029 | $3.75 |
| 5794 | Legal Expense | D5794*E5788 | | 0.006148 | $1.77 |
| 5795 | Other Procurement Expense | D5795*E5788 | | 0.002359 | $0.68 |
| 5796 | Research & Development Expense | D5796*E5788 | | 0.000036 | $0.01 |
| 5797 | Other General and Admin Expense | D5797*E5788 | | 0.015212 | $4.38 |
| 5798 | ***Common Costs*** | Sum(E5791:E5797) | | | $13.00 |
| 5799 | | | | | |
| 5800 | ***TELRIC + Common Costs*** | E5788+E5798 | | | $300.80 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.080 | | | | 0.08 | $40.03 | $0.05 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.68** | | **$7.79** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper placed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross-connect (MDF and ICDF) | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| Complete Loop Qualification | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Record DVA (Designed, Verified, Assigned) test results | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Post DVA work complete is WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Perform continuity stress testing | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Set up due date test with I&M technician | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete due date work status with Implementor | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL (con't)*** | | | | | | | | |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time Serving Area Interface, Service Terminal work required.*** | | | | | | | | |
| Complete Service Area Interface work | 10 | 0.200 | | | | 2.00 | $42.68 | $1.42 |
| Complete Service Terminal work | 10 | 0.200 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE PERFORMANCE/CONFORMANCE TESTING | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| COMPLETE WITH LRAC | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **15.00** | | **$10.67** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper removed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove jumpers (mdf & icdf) | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| Complete work in WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL (con't)*** | | | | | | | | |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.60** | | **$8.47** |
| ***Total For Service:*** | | | | | | **214.83** | | **$154.27** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1,DS3,OCN 3,12,48 LOOP BASIC INSTALL WITH COOP TEST EA ADDL (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 5942 | **Direct Cost** | | | | $154.27 |
| 5943 | | | | | |
| 5944 | | | | | |
| 5945 | | | | | |
| 5946 | | | | | |
| 5947 | ***Directly Assigned*** | | | | |
| 5948 | Product Management Expense | D5948*E5942 | | 0.025565 | $3.94 |
| 5949 | Sales Expense | D5949*E5942 | | 0.009225 | $1.42 |
| 5950 | Product Advertising Expense | D5950*E5942 | | 0.000000 | $0.00 |
| 5951 | Business Fees (Other Operating Taxes) | D5951*Sum(E5942:E5950) | | 0.002025 | $0.32 |
| 5952 | ***Directly Assigned Costs*** | Sum(E5942:E5951) | | | $5.69 |
| 5953 | | | | | |
| 5954 | ***Total Direct Costs*** | E5942+E5952 | | | $159.96 |
| 5955 | | | | | |
| 5956 | ***Directly Attributed*** | | | | |
| 5957 | Network Operations | D5957*E5954 | | 0.040880 | $6.54 |
| 5958 | Network Support Assets | D5958*E5954 | | 0.015364 | $2.46 |
| 5959 | General Support Assets | D5959*E5954 | | 0.069508 | $11.12 |
| 5960 | General Purpose Computers | D5960*E5954 | | 0.034714 | $5.55 |
| 5961 | Uncollectible | D5961*E5954 | | 0.000401 | $0.06 |
| 5962 | Accounting & Finance Expense | D5962*E5954 | | 0.008839 | $1.41 |
| 5963 | Human Resources Expense | D5963*E5954 | | 0.008145 | $1.30 |
| 5964 | Information Management Expense | D5964*E5954 | | 0.057009 | $9.12 |
| 5965 | Intangibles | D5965*E5954 | | 0.002091 | $0.33 |
| 5966 | ***Directly Attributed Costs*** | Sum(E5957:E5965) | | | $37.90 |
| 5967 | | | | | |
| 5968 | ***TELRIC*** | E5957+E5966 | | | $197.87 |
| 5969 | | | | | |
| 5970 | ***Common*** | | | | |
| 5971 | Executive Expense | D5971*E5968 | | 0.007805 | $1.54 |
| 5972 | Planning Expense | D5972*E5968 | | 0.000580 | $0.11 |
| 5973 | External Relations Expense | D5973*E5968 | | 0.013029 | $2.58 |
| 5974 | Legal Expense | D5974*E5968 | | 0.006148 | $1.22 |
| 5975 | Other Procurement Expense | D5975*E5968 | | 0.002359 | $0.47 |
| 5976 | Research & Development Expense | D5976*E5968 | | 0.000036 | $0.01 |
| 5977 | Other General and Admin Expense | D5977*E5968 | | 0.015212 | $3.01 |
| 5978 | ***Common Costs*** | Sum(E5971:E5977) | | | $8.94 |
| 5979 | | | | | |
| 5980 | ***TELRIC + Common Costs*** | E5968+E5978 | | | $206.80 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP DISTRIBUTION FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| ***.6, .05 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Analyze request to determine co-provider, type of order, and installation option | 2.5 | 1.000 | | | | 2.50 | $40.03 | $1.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.050 | | | | 0.25 | $40.03 | $0.17 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **35.75** | | **$23.85** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***Probability is % manual work required.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **1.69** | | **$1.06** |
| **-LRAC** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| SCREEN ORDER | 2 | 0.200 | | | | 0.40 | $37.78 | $0.25 |
| LOAD WORK REQUEST/TECH LOAD SYSTEM | 2 | 0.200 | | | | 0.40 | $37.78 | $0.25 |
| CLOSE OUT ORDER WITH TECH | 3 | 0.050 | | | | 0.15 | $37.78 | $0.09 |
| ***Subtotal - LRAC*** | | | | | | **0.95** | | **$0.60** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Travel time | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| Service Area Interface/field connection point work activity. | 13 | 1.000 | | | | 13.00 | $42.68 | $9.25 |
| ***0.3 probability is percent of time new service will ordered requiring work at premises.*** | | | | | | | | |
| Perform premises work activities. | 35 | 0.300 | | | | 10.50 | $42.68 | $7.47 |
| Testing and turn up. | 20 | 0.300 | | | | 6.00 | $42.68 | $4.27 |
| Close order in field access system/ WFADO | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **53.50** | | **$38.06** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SUBLOOP DISTRIBUTION FIRST (con't)*** | | | | | | | | |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **23.00** | | **$15.34** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***Probability is % manual work required.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **1.69** | | **$1.06** |
| ***Total For Service:*** | | | | | | **116.58** | | **$79.98** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SUBLOOP DISTRIBUTION FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 6077 | **Direct Cost** | | | $79.98 |
| 6078 | | | | |
| 6079 | | | | |
| 6080 | | | | |
| 6081 | | | | |
| 6082 | ***Directly Assigned*** | | | |
| 6083 | Product Management Expense | D6083*E6077 | 0.025565 | $2.04 |
| 6084 | Sales Expense | D6084*E6077 | 0.009225 | $0.74 |
| 6085 | Product Advertising Expense | D6085*E6077 | 0.000000 | $0.00 |
| 6086 | Business Fees (Other Operating Taxes) | D6086*Sum(E6077:E6085) | 0.002025 | $0.17 |
| 6087 | ***Directly Assigned Costs*** | Sum(E6077:E6086) | | $2.95 |
| 6088 | | | | |
| 6089 | ***Total Direct Costs*** | E6077+E6087 | | $82.93 |
| 6090 | | | | |
| 6091 | ***Directly Attributed*** | | | |
| 6092 | Network Operations | D6092*E6089 | 0.040880 | $3.39 |
| 6093 | Network Support Assets | D6093*E6089 | 0.015364 | $1.27 |
| 6094 | General Support Assets | D6094*E6089 | 0.069508 | $5.76 |
| 6095 | General Purpose Computers | D6095*E6089 | 0.034714 | $2.88 |
| 6096 | Uncollectible | D6096*E6089 | 0.000401 | $0.03 |
| 6097 | Accounting & Finance Expense | D6097*E6089 | 0.008839 | $0.73 |
| 6098 | Human Resources Expense | D6098*E6089 | 0.008145 | $0.68 |
| 6099 | Information Management Expense | D6099*E6089 | 0.057009 | $4.73 |
| 6100 | Intangibles | D6100*E6089 | 0.002091 | $0.17 |
| 6101 | ***Directly Attributed Costs*** | Sum(E6092:E6100) | | $19.65 |
| 6102 | | | | |
| 6103 | ***TELRIC*** | E6092+E6101 | | $102.57 |
| 6104 | | | | |
| 6105 | ***Common*** | | | |
| 6106 | Executive Expense | D6106*E6103 | 0.007805 | $0.80 |
| 6107 | Planning Expense | D6107*E6103 | 0.000580 | $0.06 |
| 6108 | External Relations Expense | D6108*E6103 | 0.013029 | $1.34 |
| 6109 | Legal Expense | D6109*E6103 | 0.006148 | $0.63 |
| 6110 | Other Procurement Expense | D6110*E6103 | 0.002359 | $0.24 |
| 6111 | Research & Development Expense | D6111*E6103 | 0.000036 | $0.00 |
| 6112 | Other General and Admin Expense | D6112*E6103 | 0.015212 | $1.56 |
| 6113 | ***Common Costs*** | Sum(E6106:E6112) | | $4.63 |
| 6114 | | | | |
| 6115 | ***TELRIC + Common Costs*** | E6103+E6113 | | $107.21 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP DISTRIBUTION EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| ***.6, .08 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.080 | | | | 0.08 | $40.03 | $0.05 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.68** | | **$7.79** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Service Area Interface/field connection point work activity. | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***0.3 probability is percent of time new service will ordered requiring work at premises.*** | | | | | | | | |
| Perform premises work activities. | 10 | 0.300 | | | | 3.00 | $42.68 | $2.13 |
| Testing and turn up. | 5 | 0.300 | | | | 1.50 | $42.68 | $1.07 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **9.50** | | **$6.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.00** | | **$7.34** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***Probability is % manual work required.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **1.69** | | **$1.06** |
| ***Total For Service:*** | | | | | | **33.87** | | **$22.95** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SUBLOOP DISTRIBUTION EACH ADDITIONAL (con't)***

| | | | | |
|---|---|---|---|---|
| 6167 | **Direct Cost** | | | $22.95 |
| 6168 | | | | |
| 6169 | | Cost Calculation | Cost Factor | Cost |
| 6170 | | B | C | D |
| 6171 | | | | E |
| 6172 | ***Directly Assigned*** | | | |
| 6173 | Product Management Expense | D6173*E6167 | 0.025565 | $0.59 |
| 6174 | Sales Expense | D6174*E6167 | 0.009225 | $0.21 |
| 6175 | Product Advertising Expense | D6175*E6167 | 0.000000 | $0.00 |
| 6176 | Business Fees (Other Operating Taxes) | D6176*Sum(E6167:E6175) | 0.002025 | $0.05 |
| 6177 | ***Directly Assigned Costs*** | Sum(E6167:E6176) | | $0.85 |
| 6178 | | | | |
| 6179 | ***Total Direct Costs*** | E6167+E6177 | | $23.80 |
| 6180 | | | | |
| 6181 | ***Directly Attributed*** | | | |
| 6182 | Network Operations | D6182*E6179 | 0.040880 | $0.97 |
| 6183 | Network Support Assets | D6183*E6179 | 0.015364 | $0.37 |
| 6184 | General Support Assets | D6184*E6179 | 0.069508 | $1.65 |
| 6185 | General Purpose Computers | D6185*E6179 | 0.034714 | $0.83 |
| 6186 | Uncollectible | D6186*E6179 | 0.000401 | $0.01 |
| 6187 | Accounting & Finance Expense | D6187*E6179 | 0.008839 | $0.21 |
| 6188 | Human Resources Expense | D6188*E6179 | 0.008145 | $0.19 |
| 6189 | Information Management Expense | D6189*E6179 | 0.057009 | $1.36 |
| 6190 | Intangibles | D6190*E6179 | 0.002091 | $0.05 |
| 6191 | ***Directly Attributed Costs*** | Sum(E6182:E6190) | | $5.64 |
| 6192 | | | | |
| 6193 | ***TELRIC*** | E6182+E6191 | | $29.44 |
| 6194 | | | | |
| 6195 | ***Common*** | | | |
| 6196 | Executive Expense | D6196*E6193 | 0.007805 | $0.23 |
| 6197 | Planning Expense | D6197*E6193 | 0.000580 | $0.02 |
| 6198 | External Relations Expense | D6198*E6193 | 0.013029 | $0.38 |
| 6199 | Legal Expense | D6199*E6193 | 0.006148 | $0.18 |
| 6200 | Other Procurement Expense | D6200*E6193 | 0.002359 | $0.07 |
| 6201 | Research & Development Expense | D6201*E6193 | 0.000036 | $0.00 |
| 6202 | Other General and Admin Expense | D6202*E6193 | 0.015212 | $0.45 |
| 6203 | ***Common Costs*** | Sum(E6196:E6202) | | $1.33 |
| 6204 | | | | |
| 6205 | ***TELRIC + Common Costs*** | E6193+E6203 | | $30.77 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP FIELD CONNECTION POINT QUOTATION PREP FEE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INFRASTRUCTURE AVAILABILITY CENTER (IAC)** | | | | | | | | |
| Quote preparation for field connection point | 420 | 1.000 | | | | 420.00 | $56.97 | $398.79 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC)*** | | | | | | **420.00** | | **$398.79** |
| **-TACTICAL PLANNING** | | | | | | | | |
| Quote preparation for field connection point | 480 | 1.000 | | | | 480.00 | $46.18 | $369.44 |
| ***Subtotal - TACTICAL PLANNING*** | | | | | | **480.00** | | **$369.44** |
| **-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)** | | | | | | | | |
| Quote preparation for field connection point | 480 | 1.000 | | | | 480.00 | $51.76 | $414.08 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **480.00** | | **$414.08** |
| ***Total For Service:*** | | | | | | **1,380.00** | | **$1,182.31** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SUBLOOP FIELD CONNECTION POINT QUOTATION PREP FEE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 6257 | **Direct Cost** | | | | $1,182.31 |
| 6258 | | | | | |
| 6259 | | | | | |
| 6260 | | | | | |
| 6261 | | | | | |
| 6262 | ***Directly Assigned*** | | | | |
| 6263 | Product Management Expense | D6263*E6257 | | 0.025565 | $30.23 |
| 6264 | Sales Expense | D6264*E6257 | | 0.009225 | $10.91 |
| 6265 | Product Advertising Expense | D6265*E6257 | | 0.000000 | $0.00 |
| 6266 | Business Fees (Other Operating Taxes) | D6266*Sum(E6257:E6265) | | 0.002025 | $2.48 |
| 6267 | ***Directly Assigned Costs*** | Sum(E6257:E6266) | | | $43.61 |
| 6268 | | | | | |
| 6269 | ***Total Direct Costs*** | E6257+E6267 | | | $1,225.92 |
| 6270 | | | | | |
| 6271 | ***Directly Attributed*** | | | | |
| 6272 | Network Operations | D6272*E6269 | | 0.040880 | $50.12 |
| 6273 | Network Support Assets | D6273*E6269 | | 0.015364 | $18.84 |
| 6274 | General Support Assets | D6274*E6269 | | 0.069508 | $85.21 |
| 6275 | General Purpose Computers | D6275*E6269 | | 0.034714 | $42.56 |
| 6276 | Uncollectible | D6276*E6269 | | 0.000401 | $0.49 |
| 6277 | Accounting & Finance Expense | D6277*E6269 | | 0.008839 | $10.84 |
| 6278 | Human Resources Expense | D6278*E6269 | | 0.008145 | $9.99 |
| 6279 | Information Management Expense | D6279*E6269 | | 0.057009 | $69.89 |
| 6280 | Intangibles | D6280*E6269 | | 0.002091 | $2.56 |
| 6281 | ***Directly Attributed Costs*** | Sum(E6272:E6280) | | | $290.48 |
| 6282 | | | | | |
| 6283 | ***TELRIC*** | E6272+E6281 | | | $1,516.40 |
| 6284 | | | | | |
| 6285 | ***Common*** | | | | |
| 6286 | Executive Expense | D6286*E6283 | | 0.007805 | $11.84 |
| 6287 | Planning Expense | D6287*E6283 | | 0.000580 | $0.88 |
| 6288 | External Relations Expense | D6288*E6283 | | 0.013029 | $19.76 |
| 6289 | Legal Expense | D6289*E6283 | | 0.006148 | $9.32 |
| 6290 | Other Procurement Expense | D6290*E6283 | | 0.002359 | $3.58 |
| 6291 | Research & Development Expense | D6291*E6283 | | 0.000036 | $0.05 |
| 6292 | Other General and Admin Expense | D6292*E6283 | | 0.015212 | $23.07 |
| 6293 | ***Common Costs*** | Sum(E6286:E6292) | | | $68.49 |
| 6294 | | | | | |
| 6295 | ***TELRIC + Common Costs*** | E6283+E6293 | | | $1,584.90 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SUBLOOP DS1 FEEDER FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| ***.6, .05 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Analyze request to determine co-provider, type of order, and installation option | 2.5 | 1.000 | | | | 2.50 | $40.03 | $1.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.050 | | | | 0.25 | $40.03 | $0.17 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **35.75** | | **$23.85** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA mask | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| Prep loop input/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| Circuit design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute WORD doc | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper placed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross-connect (MDF and ICDF) | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| Complete Loop Qualification | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Record DVA (Designed, Verified, Assigned) test results | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Post DVA work complete is WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Perform continuity stress testing | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Set up due date test with I&M technician | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Complete due date work status with Implementor | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **34.00** | | **$24.83** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP DS1 FEEDER FIRST (con't)*** | | | | | | | | |
| **-LRAC** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to tech | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Analyze ordr | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| Travel time | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| Complete Serving Area Interface Wiring | 13 | 1.000 | | | | 13.00 | $42.68 | $9.25 |
| Complete Field Connection Point Wiring | 13 | 1.000 | | | | 13.00 | $42.68 | $9.25 |
| Contact CCTI to work order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| Complete performance/continuity testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Complete work request with Load Specialist | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **69.00** | | **$49.08** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Sceen WFA for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO for circuit | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Test circuit | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| Notify customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screen | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SUBLOOP DS1 FEEDER FIRST (con't)*** | | | | | | | | |
| GOC order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD doc | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper removed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove jumpers (mdf & icdf) | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| Complete work in WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.60** | | **$8.47** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **327.90** | | **$233.54** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SUBLOOP DS1 FEEDER FIRST (con't)***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 6437 | **Direct Cost** | | | | | | | | $233.54 |
| 6438 | | | | | | | | | |
| 6439 | | | Cost Calculation | | | | Cost Factor | | Cost |
| 6440 | | | B | C | | | D | | E |
| 6441 | | | | | | | | | |
| 6442 | ***Directly Assigned*** | | | | | | | | |
| 6443 | Product Management Expense | | D6443*E6437 | | | | 0.025565 | | $5.97 |
| 6444 | Sales Expense | | D6444*E6437 | | | | 0.009225 | | $2.15 |
| 6445 | Product Advertising Expense | | D6445*E6437 | | | | 0.000000 | | $0.00 |
| 6446 | Business Fees (Other Operating Taxes) | | D6446*Sum(E6437:E6445) | | | | 0.002025 | | $0.49 |
| 6447 | ***Directly Assigned Costs*** | | Sum(E6437:E6446) | | | | | | $8.61 |
| 6448 | | | | | | | | | |
| 6449 | ***Total Direct Costs*** | | E6437+E6447 | | | | | | $242.16 |
| 6450 | | | | | | | | | |
| 6451 | ***Directly Attributed*** | | | | | | | | |
| 6452 | Network Operations | | D6452*E6449 | | | | 0.040880 | | $9.90 |
| 6453 | Network Support Assets | | D6453*E6449 | | | | 0.015364 | | $3.72 |
| 6454 | General Support Assets | | D6454*E6449 | | | | 0.069508 | | $16.83 |
| 6455 | General Purpose Computers | | D6455*E6449 | | | | 0.034714 | | $8.41 |
| 6456 | Uncollectible | | D6456*E6449 | | | | 0.000401 | | $0.10 |
| 6457 | Accounting & Finance Expense | | D6457*E6449 | | | | 0.008839 | | $2.14 |
| 6458 | Human Resources Expense | | D6458*E6449 | | | | 0.008145 | | $1.97 |
| 6459 | Information Management Expense | | D6459*E6449 | | | | 0.057009 | | $13.81 |
| 6460 | Intangibles | | D6460*E6449 | | | | 0.002091 | | $0.51 |
| 6461 | ***Directly Attributed Costs*** | | Sum(E6452:E6460) | | | | | | $57.38 |
| 6462 | | | | | | | | | |
| 6463 | ***TELRIC*** | | E6452+E6461 | | | | | | $299.54 |
| 6464 | | | | | | | | | |
| 6465 | ***Common*** | | | | | | | | |
| 6466 | Executive Expense | | D6466*E6463 | | | | 0.007805 | | $2.34 |
| 6467 | Planning Expense | | D6467*E6463 | | | | 0.000580 | | $0.17 |
| 6468 | External Relations Expense | | D6468*E6463 | | | | 0.013029 | | $3.90 |
| 6469 | Legal Expense | | D6469*E6463 | | | | 0.006148 | | $1.84 |
| 6470 | Other Procurement Expense | | D6470*E6463 | | | | 0.002359 | | $0.71 |
| 6471 | Research & Development Expense | | D6471*E6463 | | | | 0.000036 | | $0.01 |
| 6472 | Other General and Admin Expense | | D6472*E6463 | | | | 0.015212 | | $4.56 |
| 6473 | ***Common Costs*** | | Sum(E6466:E6472) | | | | | | $13.53 |
| 6474 | | | | | | | | | |
| 6475 | ***TELRIC + Common Costs*** | | E6463+E6473 | | | | | | $313.07 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP DS1 FEEDER EACH ADDITIONAL*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER (ICS) | | | | | | | | |
| ***.6, .08 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.080 | | | | 0.08 | $40.03 | $0.05 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.68** | | **$7.79** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC Oorder log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA mask | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| Prep loop inout/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| Circuit design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute WORD doc | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***Jumper placed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross-connect (MDF and ICDF) | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| Complete Loop Qualification | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Record DVA (Designed, Verified, Assigned) test results | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Post DVA work complete is WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| Perform continuity stress testing | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Set up due date test with I&M technician | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete due date work status with Implementor | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| -LRAC | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to tech | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SUBLOOP DS1 FEEDER EACH ADDITIONAL (con't)*** | | | | | | | | |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Complete Serving Area Interface Wiring | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| Complete Field Connection Point Wiring | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| Complete performance/continuity testing | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| Complete work request with Load Specialist | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **31.00** | | **$22.05** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO for circuit | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Test circuit | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| Complete circuit in WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD doc | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper removed at MDF and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove jumpers (mdf & icdf) | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| Comlete work in WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SUBLOOP DS1 FEEDER EACH ADDITIONAL (con't)*** | | | | | | | | |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.60** | | **$8.47** |
| ***Total For Service:*** | | | | | | **230.83** | | **$165.65** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SUBLOOP DS1 FEEDER EACH ADDITIONAL (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 6617 | **Direct Cost** | | | | | $165.65 |
| 6618 | | | | | | |
| 6619 | | | Cost Calculation | | Cost Factor | Cost |
| 6620 | | | B | C | D | E |
| 6621 | | | | | | |
| 6622 | ***Directly Assigned*** | | | | | |
| 6623 | Product Management Expense | | D6623*E6617 | | 0.025565 | $4.23 |
| 6624 | Sales Expense | | D6624*E6617 | | 0.009225 | $1.53 |
| 6625 | Product Advertising Expense | | D6625*E6617 | | 0.000000 | $0.00 |
| 6626 | Business Fees (Other Operating Taxes) | | D6626*Sum(E6617:E6625) | | 0.002025 | $0.35 |
| 6627 | ***Directly Assigned Costs*** | | Sum(E6617:E6626) | | | $6.11 |
| 6628 | | | | | | |
| 6629 | ***Total Direct Costs*** | | E6617+E6627 | | | $171.77 |
| 6630 | | | | | | |
| 6631 | ***Directly Attributed*** | | | | | |
| 6632 | Network Operations | | D6632*E6629 | | 0.040880 | $7.02 |
| 6633 | Network Support Assets | | D6633*E6629 | | 0.015364 | $2.64 |
| 6634 | General Support Assets | | D6634*E6629 | | 0.069508 | $11.94 |
| 6635 | General Purpose Computers | | D6635*E6629 | | 0.034714 | $5.96 |
| 6636 | Uncollectible | | D6636*E6629 | | 0.000401 | $0.07 |
| 6637 | Accounting & Finance Expense | | D6637*E6629 | | 0.008839 | $1.52 |
| 6638 | Human Resources Expense | | D6638*E6629 | | 0.008145 | $1.40 |
| 6639 | Information Management Expense | | D6639*E6629 | | 0.057009 | $9.79 |
| 6640 | Intangibles | | D6640*E6629 | | 0.002091 | $0.36 |
| 6641 | ***Directly Attributed Costs*** | | Sum(E6632:E6640) | | | $40.70 |
| 6642 | | | | | | |
| 6643 | ***TELRIC*** | | E6632+E6641 | | | $212.46 |
| 6644 | | | | | | |
| 6645 | ***Common*** | | | | | |
| 6646 | Executive Expense | | D6646*E6643 | | 0.007805 | $1.66 |
| 6647 | Planning Expense | | D6647*E6643 | | 0.000580 | $0.12 |
| 6648 | External Relations Expense | | D6648*E6643 | | 0.013029 | $2.77 |
| 6649 | Legal Expense | | D6649*E6643 | | 0.006148 | $1.31 |
| 6650 | Other Procurement Expense | | D6650*E6643 | | 0.002359 | $0.50 |
| 6651 | Research & Development Expense | | D6651*E6643 | | 0.000036 | $0.01 |
| 6652 | Other General and Admin Expense | | D6652*E6643 | | 0.015212 | $3.23 |
| 6653 | ***Common Costs*** | | Sum(E6646:E6652) | | | $9.60 |
| 6654 | | | | | | |
| 6655 | ***TELRIC + Common Costs*** | | E6643+E6653 | | | $222.06 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SHARED LOOP (per loop per order)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ICS)** | | | | | | | | |
| ***.6, .5 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| ***Prob (.15) is percent orders that will fall out of IMA for manual handling.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 3 | 1.000 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | 0.150 | | | 0.60 | $40.03 | $0.40 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | 0.150 | | | 0.30 | $40.03 | $0.20 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | 0.150 | | | 0.30 | $40.03 | $0.20 |
| Analyze request to determine co-provider, type of order, and installation option | 2.5 | 1.000 | 0.150 | | | 0.38 | $40.03 | $0.25 |
| Verify Qwest end user Customer Service Record to determine if order issuance is applicable | 2 | 1.000 | 0.150 | | | 0.30 | $40.03 | $0.20 |
| Populate required fields | 3 | 1.000 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | 0.150 | | | 1.50 | $40.03 | $1.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Handle calls from other departments working the order | 5 | 0.600 | 0.150 | | | 0.45 | $40.03 | $0.30 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.500 | 0.150 | | | 0.38 | $40.03 | $0.25 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ICS)*** | | | | | | **6.45** | | **$4.30** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***4 probability is the number of jumpers required.*** | | | | | | | | |
| CO PLACE JUMPER(S) | 4 | 4.000 | | | | 16.00 | $43.81 | $11.68 |
| PREPROVISIONING TESTING | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **18.00** | | **$13.14** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.15 probability is percent shared loop requests that will fall out.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 0.150 | | | | 0.45 | $40.03 | $0.30 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 0.150 | | | | 0.30 | $40.03 | $0.20 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 0.150 | | | | 0.30 | $40.03 | $0.20 |
| Populate required fields | 3 | 0.150 | | | | 0.45 | $40.03 | $0.30 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 0.150 | | | | 1.50 | $40.03 | $1.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 0.150 | | | | 0.45 | $40.03 | $0.30 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.45** | | **$2.30** |
| **-CENTRAL OFFICE** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SHARED LOOP (per loop per order) (con't)*** | | | | | | | | |
| ***4 probability is the number of jumpers removed.***<br>CO REMOVE JUMPER(S) | 2.3 | 4.000 | | | | 9.20 | $43.81 | $6.72 |
| *Subtotal - CENTRAL OFFICE* | | | | | | **9.20** | | **$6.72** |
| *Total For Service:* | | | | | | **37.10** | | **$26.47** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SHARED LOOP (per loop per order) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 6752 | **Direct Cost** | | | | $26.47 |
| 6753 | | | | | |
| 6754 | | Cost Calculation | | Cost Factor | Cost |
| 6755 | | B | C | D | E |
| 6756 | | | | | |
| 6757 | ***Directly Assigned*** | | | | |
| 6758 | Product Management Expense | D6758*E6752 | | 0.025565 | $0.68 |
| 6759 | Sales Expense | D6759*E6752 | | 0.009225 | $0.24 |
| 6760 | Product Advertising Expense | D6760*E6752 | | 0.000000 | $0.00 |
| 6761 | Business Fees (Other Operating Taxes) | D6761*Sum(E6752:E6760) | | 0.002025 | $0.06 |
| 6762 | ***Directly Assigned Costs*** | Sum(E6752:E6761) | | | $0.98 |
| 6763 | | | | | |
| 6764 | ***Total Direct Costs*** | E6752+E6762 | | | $27.44 |
| 6765 | | | | | |
| 6766 | ***Directly Attributed*** | | | | |
| 6767 | Network Operations | D6767*E6764 | | 0.040880 | $1.12 |
| 6768 | Network Support Assets | D6768*E6764 | | 0.015364 | $0.42 |
| 6769 | General Support Assets | D6769*E6764 | | 0.069508 | $1.91 |
| 6770 | General Purpose Computers | D6770*E6764 | | 0.034714 | $0.95 |
| 6771 | Uncollectible | D6771*E6764 | | 0.000401 | $0.01 |
| 6772 | Accounting & Finance Expense | D6772*E6764 | | 0.008839 | $0.24 |
| 6773 | Human Resources Expense | D6773*E6764 | | 0.008145 | $0.22 |
| 6774 | Information Management Expense | D6774*E6764 | | 0.057009 | $1.56 |
| 6775 | Intangibles | D6775*E6764 | | 0.002091 | $0.06 |
| 6776 | ***Directly Attributed Costs*** | Sum(E6767:E6775) | | | $6.50 |
| 6777 | | | | | |
| 6778 | ***TELRIC*** | E6767+E6776 | | | $33.94 |
| 6779 | | | | | |
| 6780 | ***Common*** | | | | |
| 6781 | Executive Expense | D6781*E6778 | | 0.007805 | $0.26 |
| 6782 | Planning Expense | D6782*E6778 | | 0.000580 | $0.02 |
| 6783 | External Relations Expense | D6783*E6778 | | 0.013029 | $0.44 |
| 6784 | Legal Expense | D6784*E6778 | | 0.006148 | $0.21 |
| 6785 | Other Procurement Expense | D6785*E6778 | | 0.002359 | $0.08 |
| 6786 | Research & Development Expense | D6786*E6778 | | 0.000036 | $0.00 |
| 6787 | Other General and Admin Expense | D6787*E6778 | | 0.015212 | $0.52 |
| 6788 | ***Common Costs*** | Sum(E6781:E6787) | | | $1.53 |
| 6789 | | | | | |
| 6790 | ***TELRIC + Common Costs*** | E6778+E6788 | | | $35.48 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NETWORK INTERFACE DEVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ISC)** | | | | | | | | |
| PROVISION LINK ORDER | 15 | 1.000 | | | | 15.00 | $39.16 | $9.79 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ISC)*** | | | | | | **15.00** | | **$9.79** |
| **-INSTALLATION** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| RETROFIT UNIT | 35 | 1.000 | | | | 35.00 | $42.68 | $24.90 |
| ***Subtotal - INSTALLATION*** | | | | | | **56.00** | | **$39.83** |
| ***Total For Service:*** | | | | | | **71.00** | | **$49.62** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NETWORK INTERFACE DEVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 6842 | **Direct Cost** | | | | $49.62 |
| 6843 | | | | | |
| 6844 | | | Cost Calculation | Cost Factor | Cost |
| 6845 | | | B C | D | E |
| 6846 | | | | | |
| 6847 | ***Directly Assigned*** | | | | |
| 6848 | Product Management Expense | | D6848*E6842 | 0.025565 | $1.27 |
| 6849 | Sales Expense | | D6849*E6842 | 0.009225 | $0.46 |
| 6850 | Product Advertising Expense | | D6850*E6842 | 0.000000 | $0.00 |
| 6851 | Business Fees (Other Operating Taxes) | | D6851*Sum(E6842:E6850) | 0.002025 | $0.10 |
| 6852 | ***Directly Assigned Costs*** | | Sum(E6842:E6851) | | $1.83 |
| 6853 | | | | | |
| 6854 | ***Total Direct Costs*** | | E6842+E6852 | | $51.46 |
| 6855 | | | | | |
| 6856 | ***Directly Attributed*** | | | | |
| 6857 | Network Operations | | D6857*E6854 | 0.040880 | $2.10 |
| 6858 | Network Support Assets | | D6858*E6854 | 0.015364 | $0.79 |
| 6859 | General Support Assets | | D6859*E6854 | 0.069508 | $3.58 |
| 6860 | General Purpose Computers | | D6860*E6854 | 0.034714 | $1.79 |
| 6861 | Uncollectible | | D6861*E6854 | 0.000401 | $0.02 |
| 6862 | Accounting & Finance Expense | | D6862*E6854 | 0.008839 | $0.45 |
| 6863 | Human Resources Expense | | D6863*E6854 | 0.008145 | $0.42 |
| 6864 | Information Management Expense | | D6864*E6854 | 0.057009 | $2.93 |
| 6865 | Intangibles | | D6865*E6854 | 0.002091 | $0.11 |
| 6866 | ***Directly Attributed Costs*** | | Sum(E6857:E6865) | | $12.19 |
| 6867 | | | | | |
| 6868 | ***TELRIC*** | | E6857+E6866 | | $63.65 |
| 6869 | | | | | |
| 6870 | ***Common*** | | | | |
| 6871 | Executive Expense | | D6871*E6868 | 0.007805 | $0.50 |
| 6872 | Planning Expense | | D6872*E6868 | 0.000580 | $0.04 |
| 6873 | External Relations Expense | | D6873*E6868 | 0.013029 | $0.83 |
| 6874 | Legal Expense | | D6874*E6868 | 0.006148 | $0.39 |
| 6875 | Other Procurement Expense | | D6875*E6868 | 0.002359 | $0.15 |
| 6876 | Research & Development Expense | | D6876*E6868 | 0.000036 | $0.00 |
| 6877 | Other General and Admin Expense | | D6877*E6868 | 0.015212 | $0.97 |
| 6878 | ***Common Costs*** | | Sum(E6871:E6877) | | $2.87 |
| 6879 | | | | | |
| 6880 | ***TELRIC + Common Costs*** | | E6868+E6878 | | $66.52 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DSO*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGNER** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| WORK AUTHORIZATION MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| PREPARE 2 DRI SCREENS | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| DESIGN DS0 INTEROFFICE CHAN | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| DISTRIBUTE WORD | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGNER*** | | | | | | **6.80** | | **$5.02** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| DS0 CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |
| LINE DROP TESTING | 8 | 1.000 | 2.000 | | | 16.00 | $43.81 | $11.68 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | 2.000 | | | 30.00 | $43.81 | $21.91 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT DSO (con't)*** | | | | | | | | |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **74.00** | | **$54.03** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGNER** | | | | | | | | |
| ***.1 probability is percent manual work required. SOAC-TIRKS interface flow-thru is 90%.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| ORDER LOG GOC | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| WORK AUTHORIZATION MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DSO (con't)*** | | | | | | | | |
| ***Subtotal - DESIGNER*** | | | | | | **1.80** | | **$1.33** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| JUMPER ACTIVITY | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **317.20** | | **$222.17** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT DSO (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 7022 | **Direct Cost** | | | | | $222.17 |
| 7023 | | | | | | |
| 7024 | | | Cost Calculation | | Cost Factor | Cost |
| 7025 | | | B | C | D | E |
| 7026 | | | | | | |
| 7027 | ***Directly Assigned*** | | | | | |
| 7028 | Product Management Expense | | D7028*E7022 | | 0.025565 | $5.68 |
| 7029 | Sales Expense | | D7029*E7022 | | 0.009225 | $2.05 |
| 7030 | Product Advertising Expense | | D7030*E7022 | | 0.000000 | $0.00 |
| 7031 | Business Fees (Other Operating Taxes) | | D7031*Sum(E7022:E7030) | | 0.002025 | $0.47 |
| 7032 | ***Directly Assigned Costs*** | | Sum(E7022:E7031) | | | $8.19 |
| 7033 | | | | | | |
| 7034 | ***Total Direct Costs*** | | E7022+E7032 | | | $230.36 |
| 7035 | | | | | | |
| 7036 | ***Directly Attributed*** | | | | | |
| 7037 | Network Operations | | D7037*E7034 | | 0.040880 | $9.42 |
| 7038 | Network Support Assets | | D7038*E7034 | | 0.015364 | $3.54 |
| 7039 | General Support Assets | | D7039*E7034 | | 0.069508 | $16.01 |
| 7040 | General Purpose Computers | | D7040*E7034 | | 0.034714 | $8.00 |
| 7041 | Uncollectible | | D7041*E7034 | | 0.000401 | $0.09 |
| 7042 | Accounting & Finance Expense | | D7042*E7034 | | 0.008839 | $2.04 |
| 7043 | Human Resources Expense | | D7043*E7034 | | 0.008145 | $1.88 |
| 7044 | Information Management Expense | | D7044*E7034 | | 0.057009 | $13.13 |
| 7045 | Intangibles | | D7045*E7034 | | 0.002091 | $0.48 |
| 7046 | ***Directly Attributed Costs*** | | Sum(E7037:E7045) | | | $54.58 |
| 7047 | | | | | | |
| 7048 | ***TELRIC*** | | E7037+E7046 | | | $284.95 |
| 7049 | | | | | | |
| 7050 | ***Common*** | | | | | |
| 7051 | Executive Expense | | D7051*E7048 | | 0.007805 | $2.22 |
| 7052 | Planning Expense | | D7052*E7048 | | 0.000580 | $0.17 |
| 7053 | External Relations Expense | | D7053*E7048 | | 0.013029 | $3.71 |
| 7054 | Legal Expense | | D7054*E7048 | | 0.006148 | $1.75 |
| 7055 | Other Procurement Expense | | D7055*E7048 | | 0.002359 | $0.67 |
| 7056 | Research & Development Expense | | D7056*E7048 | | 0.000036 | $0.01 |
| 7057 | Other General and Admin Expense | | D7057*E7048 | | 0.015212 | $4.33 |
| 7058 | ***Common Costs*** | | Sum(E7051:E7057) | | | $12.87 |
| 7059 | | | | | | |
| 7060 | ***TELRIC + Common Costs*** | | E7048+E7058 | | | $297.82 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DS1/DS3/OC3/OC12/OC48*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CONFORMANCE TEST | 60 | 1.000 | | | | 60.00 | $43.81 | $43.81 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DS1/DS3/OC3/OC12/OC48 (con't)*** | | | | | | | | |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **90.00** | | **$65.72** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT DS1/DS3/OC3/OC12/OC48 (con't)*** | | | | | | | | |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| JUMPER ACTIVITY | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **361.15** | | **$254.62** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT DS1/DS3/OC3/OC12/OC48 (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 7202 | **Direct Cost** | | | | | $254.62 |
| 7203 | | | | | | |
| 7204 | | Cost Calculation | | | Cost Factor | Cost |
| 7205 | | B | | C | D | E |
| 7206 | | | | | | |
| 7207 | ***Directly Assigned*** | | | | | |
| 7208 | Product Management Expense | D7208*E7202 | | | 0.025565 | $6.51 |
| 7209 | Sales Expense | D7209*E7202 | | | 0.009225 | $2.35 |
| 7210 | Product Advertising Expense | D7210*E7202 | | | 0.000000 | $0.00 |
| 7211 | Business Fees (Other Operating Taxes) | D7211*Sum(E7202:E7210) | | | 0.002025 | $0.53 |
| 7212 | ***Directly Assigned Costs*** | Sum(E7202:E7211) | | | | $9.39 |
| 7213 | | | | | | |
| 7214 | ***Total Direct Costs*** | E7202+E7212 | | | | $264.01 |
| 7215 | | | | | | |
| 7216 | ***Directly Attributed*** | | | | | |
| 7217 | Network Operations | D7217*E7214 | | | 0.040880 | $10.79 |
| 7218 | Network Support Assets | D7218*E7214 | | | 0.015364 | $4.06 |
| 7219 | General Support Assets | D7219*E7214 | | | 0.069508 | $18.35 |
| 7220 | General Purpose Computers | D7220*E7214 | | | 0.034714 | $9.16 |
| 7221 | Uncollectible | D7221*E7214 | | | 0.000401 | $0.11 |
| 7222 | Accounting & Finance Expense | D7222*E7214 | | | 0.008839 | $2.33 |
| 7223 | Human Resources Expense | D7223*E7214 | | | 0.008145 | $2.15 |
| 7224 | Information Management Expense | D7224*E7214 | | | 0.057009 | $15.05 |
| 7225 | Intangibles | D7225*E7214 | | | 0.002091 | $0.55 |
| 7226 | ***Directly Attributed Costs*** | Sum(E7217:E7225) | | | | $62.56 |
| 7227 | | | | | | |
| 7228 | ***TELRIC*** | E7217+E7226 | | | | $326.56 |
| 7229 | | | | | | |
| 7230 | ***Common*** | | | | | |
| 7231 | Executive Expense | D7231*E7228 | | | 0.007805 | $2.55 |
| 7232 | Planning Expense | D7232*E7228 | | | 0.000580 | $0.19 |
| 7233 | External Relations Expense | D7233*E7228 | | | 0.013029 | $4.25 |
| 7234 | Legal Expense | D7234*E7228 | | | 0.006148 | $2.01 |
| 7235 | Other Procurement Expense | D7235*E7228 | | | 0.002359 | $0.77 |
| 7236 | Research & Development Expense | D7236*E7228 | | | 0.000036 | $0.01 |
| 7237 | Other General and Admin Expense | D7237*E7228 | | | 0.015212 | $4.97 |
| 7238 | ***Common Costs*** | Sum(E7231:E7237) | | | | $14.75 |
| 7239 | | | | | | |
| 7240 | ***TELRIC + Common Costs*** | E7228+E7238 | | | | $341.32 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT M1-3 MULTIPLEXING*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR HIGH SIDE ORDER | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY ASR LOW SIDE ORDERS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | 29.000 | | | 174.00 | $40.03 | $116.09 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | 2.000 | | | 10.00 | $40.03 | $6.67 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | 2.000 | | | 15.00 | $40.03 | $10.01 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | 29.000 | | | 145.00 | $40.03 | $96.74 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | 29.000 | | | 87.00 | $40.03 | $58.04 |
| CHECK WFA | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| EXACT COMPLETION | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| CHECK ORDER IN IABS | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **661.00** | | **$441.00** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux,*** | | | | | | | | |
| ***1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ORDER HANDLING/SCREENING | 2 | 0.200 | 28.000 | | | 11.20 | $44.31 | $8.27 |
| GOC ORDER LOG | 2 | 0.200 | 28.000 | | | 11.20 | $44.31 | $8.27 |
| ENTER WA MASK | 2 | 0.800 | 28.000 | | | 44.80 | $44.31 | $33.08 |
| PREP LOOP/DRI INPUT | 2 | 0.750 | 28.000 | | | 42.00 | $44.31 | $31.02 |
| CIRCUIT DESIGN | 5 | 1.000 | 28.000 | | | 140.00 | $44.31 | $103.39 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-3 MULTIPLEXING (con't)*** | | | | | | | | |
| DISTRIBUTE WORD | 2 | 0.900 | 28.000 | | | 50.40 | $44.31 | $37.22 |
| ***Subtotal - DESIGN*** | | | | | | **348.85** | | **$257.63** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux,*** | | | | | | | | |
| ***1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ANALYZE ORDER | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| DSX3 CROSS-CONNECT | 4 | 28.000 | | | | 112.00 | $43.81 | $81.78 |
| PLACE LOOPBACK TEST PLUG | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| LOW SIDE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| COMPLETE WITH CCT-I | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **372.00** | | **$271.62** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux,*** | | | | | | | | |
| ***1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| SCREEN WFA FOR CIRCUIT | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 1 | 28.000 | | | | 28.00 | $43.81 | $20.44 |
| COMPLETE CIRCUIT IN WFA/C | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **185.00** | | **$135.08** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.1 probability for GCOCMA occurrs 10% of the time.*** | | | | | | | | |
| VERIFY ASR HIGH SIDE ORDER | 5 | 1.000 | 1.000 | | | 5.00 | $40.03 | $3.34 |
| VERIFY ASR LOW SIDE ORDERS | 2 | 1.000 | 1.000 | | | 2.00 | $40.03 | $1.33 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-3 MULTIPLEXING (con't)*** | | | | | | | | |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | 29.000 | | | 174.00 | $40.03 | $116.09 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | 29.000 | | | 145.00 | $40.03 | $96.74 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | 2.000 | | | 15.00 | $40.03 | $10.01 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | 29.000 | | | 116.00 | $40.03 | $77.39 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | 29.000 | | | 87.00 | $40.03 | $58.04 |
| CHECK WFA | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| EXACT COMPLETION | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| CHECK ORDER IN IABS | 2 | 1.000 | 29.000 | | | 58.00 | $40.03 | $38.70 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **746.00** | | **$497.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux,*** | | | | | | | | |
| ***1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | 1.000 | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | 1.000 | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | 1.000 | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | 1.000 | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | 1.000 | | | 0.20 | $44.31 | $0.15 |
| ORDER HANDLING/SCREEN | 2 | 0.100 | 28.000 | | | 5.60 | $44.31 | $4.14 |
| GOC ORDER LOG | 2 | 0.100 | 28.000 | | | 5.60 | $44.31 | $4.14 |
| ENTER WA MASK | 2 | 0.100 | 28.000 | | | 5.60 | $44.31 | $4.14 |
| DISCONNECT CIRCUIT | 2 | 0.100 | 28.000 | | | 5.60 | $44.31 | $4.14 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | 28.000 | | | 5.60 | $44.31 | $4.14 |
| ***Subtotal - DESIGN*** | | | | | | **30.30** | | **$22.38** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux,*** | | | | | | | | |
| ***1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| JUMPER ACTIVITY | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ANALYZE ORDER | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| JUMPER ACTIVITY | 2.3 | 28.000 | | | | 64.40 | $43.81 | $47.02 |
| COMPLETE ORDER IN WFA-DI | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT M1-3 MULTIPLEXING (con't)*** | | | | | | | | |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **185.70** | | **$135.59** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***29 probability represents the number of orders processed for an m1-3 mux, 1 order for the high side and 28 orders for the low side of the mux.*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| SCREEN WFA FOR CIRCUIT | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| COMPLETE CIRCUIT IN WFA/C | 2 | 28.000 | | | | 56.00 | $43.81 | $40.89 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **127.00** | | **$92.73** |
| ***Total For Service:*** | | | | | | **2,655.85** | | **$1,853.73** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT M1-3 MULTIPLEXING (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 7427 | **Direct Cost** | | | | $1,853.73 |
| 7428 | | | | | |
| 7429 | | Cost Calculation | | Cost Factor | Cost |
| 7430 | | B | C | D | E |
| 7431 | | | | | |
| 7432 | ***Directly Assigned*** | | | | |
| 7433 | Product Management Expense | D7433*E7427 | | 0.025565 | $47.39 |
| 7434 | Sales Expense | D7434*E7427 | | 0.009225 | $17.10 |
| 7435 | Product Advertising Expense | D7435*E7427 | | 0.000000 | $0.00 |
| 7436 | Business Fees (Other Operating Taxes) | D7436*Sum(E7427:E7435) | | 0.002025 | $3.88 |
| 7437 | ***Directly Assigned Costs*** | Sum(E7427:E7436) | | | $68.38 |
| 7438 | | | | | |
| 7439 | ***Total Direct Costs*** | E7427+E7437 | | | $1,922.11 |
| 7440 | | | | | |
| 7441 | ***Directly Attributed*** | | | | |
| 7442 | Network Operations | D7442*E7439 | | 0.040880 | $78.58 |
| 7443 | Network Support Assets | D7443*E7439 | | 0.015364 | $29.53 |
| 7444 | General Support Assets | D7444*E7439 | | 0.069508 | $133.60 |
| 7445 | General Purpose Computers | D7445*E7439 | | 0.034714 | $66.72 |
| 7446 | Uncollectible | D7446*E7439 | | 0.000401 | $0.77 |
| 7447 | Accounting & Finance Expense | D7447*E7439 | | 0.008839 | $16.99 |
| 7448 | Human Resources Expense | D7448*E7439 | | 0.008145 | $15.66 |
| 7449 | Information Management Expense | D7449*E7439 | | 0.057009 | $109.58 |
| 7450 | Intangibles | D7450*E7439 | | 0.002091 | $4.02 |
| 7451 | ***Directly Attributed Costs*** | Sum(E7442:E7450) | | | $455.45 |
| 7452 | | | | | |
| 7453 | ***TELRIC*** | E7442+E7451 | | | $2,377.55 |
| 7454 | | | | | |
| 7455 | ***Common*** | | | | |
| 7456 | Executive Expense | D7456*E7453 | | 0.007805 | $18.56 |
| 7457 | Planning Expense | D7457*E7453 | | 0.000580 | $1.38 |
| 7458 | External Relations Expense | D7458*E7453 | | 0.013029 | $30.98 |
| 7459 | Legal Expense | D7459*E7453 | | 0.006148 | $14.62 |
| 7460 | Other Procurement Expense | D7460*E7453 | | 0.002359 | $5.61 |
| 7461 | Research & Development Expense | D7461*E7453 | | 0.000036 | $0.09 |
| 7462 | Other General and Admin Expense | D7462*E7453 | | 0.015212 | $36.17 |
| 7463 | ***Common Costs*** | Sum(E7456:E7462) | | | $107.39 |
| 7464 | | | | | |
| 7465 | ***TELRIC + Common Costs*** | E7453+E7463 | | | $2,484.94 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING HIGH SIDE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING HIGH SIDE (con't)*** | | | | | | | | |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **21.00** | | **$15.33** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING HIGH SIDE (con't)*** | | | | | | | | |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| JUMPER ACTIVITY | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **282.85** | | **$197.44** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT M1-0 MULTIPLEXING HIGH SIDE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 7607 | **Direct Cost** | | | | $197.44 |
| 7608 | | | | | |
| 7609 | | Cost Calculation | | Cost Factor | Cost |
| 7610 | | | | | |
| 7611 | | B | C | D | E |
| 7612 | ***Directly Assigned*** | | | | |
| 7613 | Product Management Expense | D7613*E7607 | | 0.025565 | $5.05 |
| 7614 | Sales Expense | D7614*E7607 | | 0.009225 | $1.82 |
| 7615 | Product Advertising Expense | D7615*E7607 | | 0.000000 | $0.00 |
| 7616 | Business Fees (Other Operating Taxes) | D7616*Sum(E7607:E7615) | | 0.002025 | $0.41 |
| 7617 | ***Directly Assigned Costs*** | Sum(E7607:E7616) | | | $7.28 |
| 7618 | | | | | |
| 7619 | ***Total Direct Costs*** | E7607+E7617 | | | $204.73 |
| 7620 | | | | | |
| 7621 | ***Directly Attributed*** | | | | |
| 7622 | Network Operations | D7622*E7619 | | 0.040880 | $8.37 |
| 7623 | Network Support Assets | D7623*E7619 | | 0.015364 | $3.15 |
| 7624 | General Support Assets | D7624*E7619 | | 0.069508 | $14.23 |
| 7625 | General Purpose Computers | D7625*E7619 | | 0.034714 | $7.11 |
| 7626 | Uncollectible | D7626*E7619 | | 0.000401 | $0.08 |
| 7627 | Accounting & Finance Expense | D7627*E7619 | | 0.008839 | $1.81 |
| 7628 | Human Resources Expense | D7628*E7619 | | 0.008145 | $1.67 |
| 7629 | Information Management Expense | D7629*E7619 | | 0.057009 | $11.67 |
| 7630 | Intangibles | D7630*E7619 | | 0.002091 | $0.43 |
| 7631 | ***Directly Attributed Costs*** | Sum(E7622:E7630) | | | $48.51 |
| 7632 | | | | | |
| 7633 | ***TELRIC*** | E7622+E7631 | | | $253.24 |
| 7634 | | | | | |
| 7635 | ***Common*** | | | | |
| 7636 | Executive Expense | D7636*E7633 | | 0.007805 | $1.98 |
| 7637 | Planning Expense | D7637*E7633 | | 0.000580 | $0.15 |
| 7638 | External Relations Expense | D7638*E7633 | | 0.013029 | $3.30 |
| 7639 | Legal Expense | D7639*E7633 | | 0.006148 | $1.56 |
| 7640 | Other Procurement Expense | D7640*E7633 | | 0.002359 | $0.60 |
| 7641 | Research & Development Expense | D7641*E7633 | | 0.000036 | $0.01 |
| 7642 | Other General and Admin Expense | D7642*E7633 | | 0.015212 | $3.85 |
| 7643 | ***Common Costs*** | Sum(E7636:E7642) | | | $11.44 |
| 7644 | | | | | |
| 7645 | ***TELRIC + Common Costs*** | E7633+E7643 | | | $264.68 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING LOW SIDE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY POA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DISTRIBUTION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| PREP LOOP INPUT | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| CIRCUIT DESIGN | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| DISTRIBUTE WORD | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| LOW SIDE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING LOW SIDE (con't)*** | | | | | | | | |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT FOR FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORDER IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **1.80** | | **$1.33** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT M1-0 MULTIPLEXING LOW SIDE (con't)*** | | | | | | | | |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CROSS-CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **249.90** | | **$173.03** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT M1-0 MULTIPLEXING LOW SIDE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 7787 | **Direct Cost** | | | | $173.03 |
| 7788 | | | | | |
| 7789 | | Cost Calculation | | Cost Factor | Cost |
| 7790 | | B | C | D | E |
| 7791 | | | | | |
| 7792 | ***Directly Assigned*** | | | | |
| 7793 | Product Management Expense | D7793*E7787 | | 0.025565 | $4.42 |
| 7794 | Sales Expense | D7794*E7787 | | 0.009225 | $1.60 |
| 7795 | Product Advertising Expense | D7795*E7787 | | 0.000000 | $0.00 |
| 7796 | Business Fees (Other Operating Taxes) | D7796*Sum(E7787:E7795) | | 0.002025 | $0.36 |
| 7797 | ***Directly Assigned Costs*** | Sum(E7787:E7796) | | | $6.38 |
| 7798 | | | | | |
| 7799 | ***Total Direct Costs*** | E7787+E7797 | | | $179.41 |
| 7800 | | | | | |
| 7801 | ***Directly Attributed*** | | | | |
| 7802 | Network Operations | D7802*E7799 | | 0.040880 | $7.33 |
| 7803 | Network Support Assets | D7803*E7799 | | 0.015364 | $2.76 |
| 7804 | General Support Assets | D7804*E7799 | | 0.069508 | $12.47 |
| 7805 | General Purpose Computers | D7805*E7799 | | 0.034714 | $6.23 |
| 7806 | Uncollectible | D7806*E7799 | | 0.000401 | $0.07 |
| 7807 | Accounting & Finance Expense | D7807*E7799 | | 0.008839 | $1.59 |
| 7808 | Human Resources Expense | D7808*E7799 | | 0.008145 | $1.46 |
| 7809 | Information Management Expense | D7809*E7799 | | 0.057009 | $10.23 |
| 7810 | Intangibles | D7810*E7799 | | 0.002091 | $0.38 |
| 7811 | ***Directly Attributed Costs*** | Sum(E7802:E7810) | | | $42.51 |
| 7812 | | | | | |
| 7813 | ***TELRIC*** | E7802+E7811 | | | $221.92 |
| 7814 | | | | | |
| 7815 | ***Common*** | | | | |
| 7816 | Executive Expense | D7816*E7813 | | 0.007805 | $1.73 |
| 7817 | Planning Expense | D7817*E7813 | | 0.000580 | $0.13 |
| 7818 | External Relations Expense | D7818*E7813 | | 0.013029 | $2.89 |
| 7819 | Legal Expense | D7819*E7813 | | 0.006148 | $1.36 |
| 7820 | Other Procurement Expense | D7820*E7813 | | 0.002359 | $0.52 |
| 7821 | Research & Development Expense | D7821*E7813 | | 0.000036 | $0.01 |
| 7822 | Other General and Admin Expense | D7822*E7813 | | 0.015212 | $3.38 |
| 7823 | ***Common Costs*** | Sum(E7816:E7822) | | | $10.02 |
| 7824 | | | | | |
| 7825 | ***TELRIC + Common Costs*** | E7813+E7823 | | | $231.94 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***EUDIT DS1/DS3/OC3/OC12/OC48*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CREDIT INFO/SECURITY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **86.50** | | **$57.71** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***EUDIT DS1/DS3/OC3/OC12/OC48 (con't)*** | | | | | | | | |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **21.00** | | **$15.33** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| COORDINATION TIME WITH IMPL, CLEC TO TEST | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **66.60** | | **$47.37** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COORDINATION TIME WITH FIELD, CLEC TO TEST | 20 | 1.000 | | | | 20.00 | $43.81 | $14.60 |
| CONTINUITY/STRESS TESTS | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **95.00** | | **$69.37** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***EUDIT DS1/DS3/OC3/OC12/OC48 (con't)*** | | | | | | | | |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT INTERVALS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORD DIST TUF/IABS USOC VAL | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMPLETION/VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **64.50** | | **$43.03** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Jumper count assumes common spot frame. Jumper removed at MDF.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **422.45** | | **$296.81** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***EUDIT DS1/DS3/OC3/OC12/OC48 (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 7967 | **Direct Cost** | | | | $296.81 |
| 7968 | | | | | |
| 7969 | | Cost Calculation | | Cost Factor | Cost |
| 7970 | | B | C | D | E |
| 7971 | | | | | |
| 7972 | ***Directly Assigned*** | | | | |
| 7973 | Product Management Expense | D7973*E7967 | | 0.025565 | $7.59 |
| 7974 | Sales Expense | D7974*E7967 | | 0.009225 | $2.74 |
| 7975 | Product Advertising Expense | D7975*E7967 | | 0.000000 | $0.00 |
| 7976 | Business Fees (Other Operating Taxes) | D7976*Sum(E7967:E7975) | | 0.002025 | $0.62 |
| 7977 | ***Directly Assigned Costs*** | Sum(E7967:E7976) | | | $10.95 |
| 7978 | | | | | |
| 7979 | ***Total Direct Costs*** | E7967+E7977 | | | $307.76 |
| 7980 | | | | | |
| 7981 | ***Directly Attributed*** | | | | |
| 7982 | Network Operations | D7982*E7979 | | 0.040880 | $12.58 |
| 7983 | Network Support Assets | D7983*E7979 | | 0.015364 | $4.73 |
| 7984 | General Support Assets | D7984*E7979 | | 0.069508 | $21.39 |
| 7985 | General Purpose Computers | D7985*E7979 | | 0.034714 | $10.68 |
| 7986 | Uncollectible | D7986*E7979 | | 0.000401 | $0.12 |
| 7987 | Accounting & Finance Expense | D7987*E7979 | | 0.008839 | $2.72 |
| 7988 | Human Resources Expense | D7988*E7979 | | 0.008145 | $2.51 |
| 7989 | Information Management Expense | D7989*E7979 | | 0.057009 | $17.55 |
| 7990 | Intangibles | D7990*E7979 | | 0.002091 | $0.64 |
| 7991 | ***Directly Attributed Costs*** | Sum(E7982:E7990) | | | $72.92 |
| 7992 | | | | | |
| 7993 | ***TELRIC*** | E7982+E7991 | | | $380.69 |
| 7994 | | | | | |
| 7995 | ***Common*** | | | | |
| 7996 | Executive Expense | D7996*E7993 | | 0.007805 | $2.97 |
| 7997 | Planning Expense | D7997*E7993 | | 0.000580 | $0.22 |
| 7998 | External Relations Expense | D7998*E7993 | | 0.013029 | $4.96 |
| 7999 | Legal Expense | D7999*E7993 | | 0.006148 | $2.34 |
| 8000 | Other Procurement Expense | D8000*E7993 | | 0.002359 | $0.90 |
| 8001 | Research & Development Expense | D8001*E7993 | | 0.000036 | $0.01 |
| 8002 | Other General and Admin Expense | D8002*E7993 | | 0.015212 | $5.79 |
| 8003 | ***Common Costs*** | Sum(E7996:E8002) | | | $17.20 |
| 8004 | | | | | |
| 8005 | ***TELRIC + Common Costs*** | E7993+E8003 | | | $397.88 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DS0 REARRANGEMENT DUAL OFFICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **81.50** | | **$54.37** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| PREP LOOP INPUT/DRI | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| CIRCUIT DESIGN | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| DISTRIBUTE WORD DOC | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **7.30** | | **$5.39** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| REMOVE CROSS-CONNECT | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT DS0 REARRANGEMENT DUAL OFFICE (con't)*** | | | | | | | | |
| PERFORM LINE/DROP TESTING | 8 | 1.000 | 2.000 | | | 16.00 | $43.81 | $11.68 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | 2.000 | | | 30.00 | $43.81 | $21.91 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **84.60** | | **$61.77** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COORDINATE CIRCUIT TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***Total For Service:*** | | | | | | **223.40** | | **$158.05** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT DS0 REARRANGEMENT DUAL OFFICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 8102 | **Direct Cost** | | | | $158.05 |
| 8103 | | | | | |
| 8104 | | | | | |
| 8105 | | | | | |
| 8106 | | | | | |
| 8107 | ***Directly Assigned*** | | | | |
| 8108 | Product Management Expense | D8108*E8102 | | 0.025565 | $4.04 |
| 8109 | Sales Expense | D8109*E8102 | | 0.009225 | $1.46 |
| 8110 | Product Advertising Expense | D8110*E8102 | | 0.000000 | $0.00 |
| 8111 | Business Fees (Other Operating Taxes) | D8111*Sum(E8102:E8110) | | 0.002025 | $0.33 |
| 8112 | ***Directly Assigned Costs*** | Sum(E8102:E8111) | | | $5.83 |
| 8113 | | | | | |
| 8114 | ***Total Direct Costs*** | E8102+E8112 | | | $163.88 |
| 8115 | | | | | |
| 8116 | ***Directly Attributed*** | | | | |
| 8117 | Network Operations | D8117*E8114 | | 0.040880 | $6.70 |
| 8118 | Network Support Assets | D8118*E8114 | | 0.015364 | $2.52 |
| 8119 | General Support Assets | D8119*E8114 | | 0.069508 | $11.39 |
| 8120 | General Purpose Computers | D8120*E8114 | | 0.034714 | $5.69 |
| 8121 | Uncollectible | D8121*E8114 | | 0.000401 | $0.07 |
| 8122 | Accounting & Finance Expense | D8122*E8114 | | 0.008839 | $1.45 |
| 8123 | Human Resources Expense | D8123*E8114 | | 0.008145 | $1.33 |
| 8124 | Information Management Expense | D8124*E8114 | | 0.057009 | $9.34 |
| 8125 | Intangibles | D8125*E8114 | | 0.002091 | $0.34 |
| 8126 | ***Directly Attributed Costs*** | Sum(E8117:E8125) | | | $38.83 |
| 8127 | | | | | |
| 8128 | ***TELRIC*** | E8117+E8126 | | | $202.71 |
| 8129 | | | | | |
| 8130 | ***Common*** | | | | |
| 8131 | Executive Expense | D8131*E8128 | | 0.007805 | $1.58 |
| 8132 | Planning Expense | D8132*E8128 | | 0.000580 | $0.12 |
| 8133 | External Relations Expense | D8133*E8128 | | 0.013029 | $2.64 |
| 8134 | Legal Expense | D8134*E8128 | | 0.006148 | $1.25 |
| 8135 | Other Procurement Expense | D8135*E8128 | | 0.002359 | $0.48 |
| 8136 | Research & Development Expense | D8136*E8128 | | 0.000036 | $0.01 |
| 8137 | Other General and Admin Expense | D8137*E8128 | | 0.015212 | $3.08 |
| 8138 | ***Common Costs*** | Sum(E8131:E8137) | | | $9.16 |
| 8139 | | | | | |
| 8140 | ***TELRIC + Common Costs*** | E8128+E8138 | | | $211.86 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DS0 REARRANGEMENT SINGLE OFFICE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **81.50** | | **$54.37** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| PREP LOOP INPUT/DRI | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| CIRCUIT DESIGN | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| DISTRIBUTE WORD DOC | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **7.30** | | **$5.39** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***work done in one central office*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| REMOVE CROSS-CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UDIT DS0 REARRANGEMENT SINGLE OFFICE (con't)*** | | | | | | | | |
| PERFORM LINE/DROP TESTING | 8 | 1.000 | | | | 8.00 | $43.81 | $5.84 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **42.30** | | **$30.89** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COORDINATE CIRCUIT TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***Total For Service:*** | | | | | | **181.10** | | **$127.16** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT DS0 REARRANGEMENT SINGLE OFFICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 8237 | **Direct Cost** | | | | $127.16 |
| 8238 | | | | | |
| 8239 | | | | | |
| 8240 | | | | | |
| 8241 | | | | | |
| 8242 | ***Directly Assigned*** | | | | |
| 8243 | Product Management Expense | D8243*E8237 | | 0.025565 | $3.25 |
| 8244 | Sales Expense | D8244*E8237 | | 0.009225 | $1.17 |
| 8245 | Product Advertising Expense | D8245*E8237 | | 0.000000 | $0.00 |
| 8246 | Business Fees (Other Operating Taxes) | D8246*Sum(E8237:E8245) | | 0.002025 | $0.27 |
| 8247 | ***Directly Assigned Costs*** | Sum(E8237:E8246) | | | $4.69 |
| 8248 | | | | | |
| 8249 | ***Total Direct Costs*** | E8237+E8247 | | | $131.85 |
| 8250 | | | | | |
| 8251 | ***Directly Attributed*** | | | | |
| 8252 | Network Operations | D8252*E8249 | | 0.040880 | $5.39 |
| 8253 | Network Support Assets | D8253*E8249 | | 0.015364 | $2.03 |
| 8254 | General Support Assets | D8254*E8249 | | 0.069508 | $9.16 |
| 8255 | General Purpose Computers | D8255*E8249 | | 0.034714 | $4.58 |
| 8256 | Uncollectible | D8256*E8249 | | 0.000401 | $0.05 |
| 8257 | Accounting & Finance Expense | D8257*E8249 | | 0.008839 | $1.17 |
| 8258 | Human Resources Expense | D8258*E8249 | | 0.008145 | $1.07 |
| 8259 | Information Management Expense | D8259*E8249 | | 0.057009 | $7.52 |
| 8260 | Intangibles | D8260*E8249 | | 0.002091 | $0.28 |
| 8261 | ***Directly Attributed Costs*** | Sum(E8252:E8260) | | | $31.24 |
| 8262 | | | | | |
| 8263 | ***TELRIC*** | E8252+E8261 | | | $163.09 |
| 8264 | | | | | |
| 8265 | ***Common*** | | | | |
| 8266 | Executive Expense | D8266*E8263 | | 0.007805 | $1.27 |
| 8267 | Planning Expense | D8267*E8263 | | 0.000580 | $0.09 |
| 8268 | External Relations Expense | D8268*E8263 | | 0.013029 | $2.12 |
| 8269 | Legal Expense | D8269*E8263 | | 0.006148 | $1.00 |
| 8270 | Other Procurement Expense | D8270*E8263 | | 0.002359 | $0.38 |
| 8271 | Research & Development Expense | D8271*E8263 | | 0.000036 | $0.01 |
| 8272 | Other General and Admin Expense | D8272*E8263 | | 0.015212 | $2.48 |
| 8273 | ***Common Costs*** | Sum(E8266:E8272) | | | $7.37 |
| 8274 | | | | | |
| 8275 | ***TELRIC + Common Costs*** | E8263+E8273 | | | $170.46 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT HICAP REARRANGEMENT DUAL OFFICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **81.50** | | **$54.37** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| GOC ORDER LOG | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| ENTER WA MASK | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| PREP LOOP INPUT/DRI | 15 | 1.000 | | | | 15.00 | $44.31 | $11.08 |
| DISCONNECT CIRCUIT | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN*** | | | | | | **68.00** | | **$50.22** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| REMOVE CROSS-CONNECT | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT HICAP REARRANGEMENT DUAL OFFICE (con't)*** | | | | | | | | |
| PERFORM LINE/DROP TESTING | 8 | 1.000 | 2.000 | | | 16.00 | $43.81 | $11.68 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **69.60** | | **$50.82** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COORDINATE CIRCUIT TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***Total For Service:*** | | | | | | **269.10** | | **$191.92** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT HICAP REARRANGEMENT DUAL OFFICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 8372 | **Direct Cost** | | | | $191.92 |
| 8373 | | | | | |
| 8374 | | | | | |
| 8375 | | Cost Calculation | | Cost Factor | Cost |
| 8376 | | B | C | D | E |
| 8377 | ***Directly Assigned*** | | | | |
| 8378 | Product Management Expense | D8378*E8372 | | 0.025565 | $4.91 |
| 8379 | Sales Expense | D8379*E8372 | | 0.009225 | $1.77 |
| 8380 | Product Advertising Expense | D8380*E8372 | | 0.000000 | $0.00 |
| 8381 | Business Fees (Other Operating Taxes) | D8381*Sum(E8372:E8380) | | 0.002025 | $0.40 |
| 8382 | ***Directly Assigned Costs*** | Sum(E8372:E8381) | | | $7.08 |
| 8383 | | | | | |
| 8384 | ***Total Direct Costs*** | E8372+E8382 | | | $199.00 |
| 8385 | | | | | |
| 8386 | ***Directly Attributed*** | | | | |
| 8387 | Network Operations | D8387*E8384 | | 0.040880 | $8.14 |
| 8388 | Network Support Assets | D8388*E8384 | | 0.015364 | $3.06 |
| 8389 | General Support Assets | D8389*E8384 | | 0.069508 | $13.83 |
| 8390 | General Purpose Computers | D8390*E8384 | | 0.034714 | $6.91 |
| 8391 | Uncollectible | D8391*E8384 | | 0.000401 | $0.08 |
| 8392 | Accounting & Finance Expense | D8392*E8384 | | 0.008839 | $1.76 |
| 8393 | Human Resources Expense | D8393*E8384 | | 0.008145 | $1.62 |
| 8394 | Information Management Expense | D8394*E8384 | | 0.057009 | $11.34 |
| 8395 | Intangibles | D8395*E8384 | | 0.002091 | $0.42 |
| 8396 | ***Directly Attributed Costs*** | Sum(E8387:E8395) | | | $47.15 |
| 8397 | | | | | |
| 8398 | ***TELRIC*** | E8387+E8396 | | | $246.15 |
| 8399 | | | | | |
| 8400 | ***Common*** | | | | |
| 8401 | Executive Expense | D8401*E8398 | | 0.007805 | $1.92 |
| 8402 | Planning Expense | D8402*E8398 | | 0.000580 | $0.14 |
| 8403 | External Relations Expense | D8403*E8398 | | 0.013029 | $3.21 |
| 8404 | Legal Expense | D8404*E8398 | | 0.006148 | $1.51 |
| 8405 | Other Procurement Expense | D8405*E8398 | | 0.002359 | $0.58 |
| 8406 | Research & Development Expense | D8406*E8398 | | 0.000036 | $0.01 |
| 8407 | Other General and Admin Expense | D8407*E8398 | | 0.015212 | $3.74 |
| 8408 | ***Common Costs*** | Sum(E8401:E8407) | | | $11.12 |
| 8409 | | | | | |
| 8410 | ***TELRIC + Common Costs*** | E8398+E8408 | | | $257.27 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT HICAP REARRANGEMENT SINGLE OFFICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.75 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VERIFY ASR | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY COPROVIDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK BILLING CHECKLIST | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| INPUT ASR INTO EXACT | 8 | 0.750 | | | | 6.00 | $40.03 | $4.00 |
| VERIFY LOA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| VERIFY TAXI | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK CONTRACT ON FOC | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC | 10 | 0.750 | | | | 7.50 | $40.03 | $5.00 |
| CHECK CONTRACT/SIG | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK BILLING CHECKLIST RATE | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| ORDER DIST TUF/IABS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK ORD POSTED IN IABS | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **81.50** | | **$54.37** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| GOC ORDER LOG | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| ENTER WA MASK | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| PREP LOOP INPUT/DRI | 15 | 1.000 | | | | 15.00 | $44.31 | $11.08 |
| DISCONNECT CIRCUIT | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN*** | | | | | | **68.00** | | **$50.22** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Work done in one central office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| REMOVE CROSS-CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UDIT HICAP REARRANGEMENT SINGLE OFFICE (con't)*** | | | | | | | | |
| PERFORM LINE/DROP TESTING | 8 | 1.000 | | | | 8.00 | $43.81 | $5.84 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **42.30** | | **$30.89** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COORDINATE CIRCUIT TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***Total For Service:*** | | | | | | **241.80** | | **$171.99** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UDIT HICAP REARRANGEMENT SINGLE OFFICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 8507 | **Direct Cost** | | | | $171.99 |
| 8508 | | | | | |
| 8509 | | Cost Calculation | | Cost Factor | Cost |
| 8510 | | B | C | D | E |
| 8511 | | | | | |
| 8512 | ***Directly Assigned*** | | | | |
| 8513 | Product Management Expense | D8513*E8507 | | 0.025565 | $4.40 |
| 8514 | Sales Expense | D8514*E8507 | | 0.009225 | $1.59 |
| 8515 | Product Advertising Expense | D8515*E8507 | | 0.000000 | $0.00 |
| 8516 | Business Fees (Other Operating Taxes) | D8516*Sum(E8507:E8515) | | 0.002025 | $0.36 |
| 8517 | ***Directly Assigned Costs*** | Sum(E8507:E8516) | | | $6.34 |
| 8518 | | | | | |
| 8519 | ***Total Direct Costs*** | E8507+E8517 | | | $178.33 |
| 8520 | | | | | |
| 8521 | ***Directly Attributed*** | | | | |
| 8522 | Network Operations | D8522*E8519 | | 0.040880 | $7.29 |
| 8523 | Network Support Assets | D8523*E8519 | | 0.015364 | $2.74 |
| 8524 | General Support Assets | D8524*E8519 | | 0.069508 | $12.40 |
| 8525 | General Purpose Computers | D8525*E8519 | | 0.034714 | $6.19 |
| 8526 | Uncollectible | D8526*E8519 | | 0.000401 | $0.07 |
| 8527 | Accounting & Finance Expense | D8527*E8519 | | 0.008839 | $1.58 |
| 8528 | Human Resources Expense | D8528*E8519 | | 0.008145 | $1.45 |
| 8529 | Information Management Expense | D8529*E8519 | | 0.057009 | $10.17 |
| 8530 | Intangibles | D8530*E8519 | | 0.002091 | $0.37 |
| 8531 | ***Directly Attributed Costs*** | Sum(E8522:E8530) | | | $42.26 |
| 8532 | | | | | |
| 8533 | ***TELRIC*** | E8522+E8531 | | | $220.59 |
| 8534 | | | | | |
| 8535 | ***Common*** | | | | |
| 8536 | Executive Expense | D8536*E8533 | | 0.007805 | $1.72 |
| 8537 | Planning Expense | D8537*E8533 | | 0.000580 | $0.13 |
| 8538 | External Relations Expense | D8538*E8533 | | 0.013029 | $2.87 |
| 8539 | Legal Expense | D8539*E8533 | | 0.006148 | $1.36 |
| 8540 | Other Procurement Expense | D8540*E8533 | | 0.002359 | $0.52 |
| 8541 | Research & Development Expense | D8541*E8533 | | 0.000036 | $0.01 |
| 8542 | Other General and Admin Expense | D8542*E8533 | | 0.015212 | $3.36 |
| 8543 | ***Common Costs*** | Sum(E8536:E8542) | | | $9.96 |
| 8544 | | | | | |
| 8545 | ***TELRIC + Common Costs*** | E8533+E8543 | | | $230.55 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - INITIAL RECORDS INQUIRY SIMPLE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Determine planner by using wire center information program | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | 1.000 | | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | 1.000 | | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | 1.000 | | | | 10.00 | $56.97 | $9.50 |
| Receive and review response from planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Compose and forward e-mail to ATR - attach to request and forward to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Move file from desktop into results folder | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Place copy of e-mail in physical folder | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **70.50** | | **$66.94** |
| **-PLANNING (OSP) OR IOF ENGR.** | | | | | | | | |
| ***CHECK CONDUIT AND INNERDUCT AVAILABILITY*** | | | | | | | | |
| ***ALSO, CHECK LOCATION OF POI MANHOLE*** | | | | | | | | |
| Review records and data bases to identify potential UDF capacity | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| ***Subtotal - PLANNING (OSP) OR IOF ENGR.*** | | | | | | **120.00** | | **$103.52** |
| **-IOF Tactical Planning** | | | | | | | | |
| Reviews TIRKS and planned jobs for spare IOF-IOF fiber capacity (time per Central Office) | 15 | 1.000 | | | | 15.00 | $46.18 | $11.55 |
| ***Subtotal - IOF Tactical Planning*** | | | | | | **15.00** | | **$11.55** |
| ***Total For Service:*** | | | | | | **205.50** | | **$182.00** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER - INITIAL RECORDS INQUIRY SIMPLE (con't)***

| | | | | |
|---|---|---|---|---|
| 8597 | **Direct Cost** | | | $182.00 |
| 8598 | | | | |
| 8599 | | Cost Calculation | Cost Factor | Cost |
| 8600 | | B | C | D | E |
| 8601 | | | | | |
| 8602 | ***Directly Assigned*** | | | |
| 8603 | Product Management Expense | D8603*E8597 | 0.025565 | $4.65 |
| 8604 | Sales Expense | D8604*E8597 | 0.009225 | $1.68 |
| 8605 | Product Advertising Expense | D8605*E8597 | 0.000000 | $0.00 |
| 8606 | Business Fees (Other Operating Taxes) | D8606*Sum(E8597:E8605) | 0.002025 | $0.38 |
| 8607 | ***Directly Assigned Costs*** | Sum(E8597:E8606) | | $6.71 |
| 8608 | | | | |
| 8609 | ***Total Direct Costs*** | E8597+E8607 | | $188.72 |
| 8610 | | | | |
| 8611 | ***Directly Attributed*** | | | |
| 8612 | Network Operations | D8612*E8609 | 0.040880 | $7.71 |
| 8613 | Network Support Assets | D8613*E8609 | 0.015364 | $2.90 |
| 8614 | General Support Assets | D8614*E8609 | 0.069508 | $13.12 |
| 8615 | General Purpose Computers | D8615*E8609 | 0.034714 | $6.55 |
| 8616 | Uncollectible | D8616*E8609 | 0.000401 | $0.08 |
| 8617 | Accounting & Finance Expense | D8617*E8609 | 0.008839 | $1.67 |
| 8618 | Human Resources Expense | D8618*E8609 | 0.008145 | $1.54 |
| 8619 | Information Management Expense | D8619*E8609 | 0.057009 | $10.76 |
| 8620 | Intangibles | D8620*E8609 | 0.002091 | $0.39 |
| 8621 | ***Directly Attributed Costs*** | Sum(E8612:E8620) | | $44.72 |
| 8622 | | | | |
| 8623 | ***TELRIC*** | E8612+E8621 | | $233.44 |
| 8624 | | | | |
| 8625 | ***Common*** | | | |
| 8626 | Executive Expense | D8626*E8623 | 0.007805 | $1.82 |
| 8627 | Planning Expense | D8627*E8623 | 0.000580 | $0.14 |
| 8628 | External Relations Expense | D8628*E8623 | 0.013029 | $3.04 |
| 8629 | Legal Expense | D8629*E8623 | 0.006148 | $1.44 |
| 8630 | Other Procurement Expense | D8630*E8623 | 0.002359 | $0.55 |
| 8631 | Research & Development Expense | D8631*E8623 | 0.000036 | $0.01 |
| 8632 | Other General and Admin Expense | D8632*E8623 | 0.015212 | $3.55 |
| 8633 | ***Common Costs*** | Sum(E8626:E8632) | | $10.54 |
| 8634 | | | | |
| 8635 | ***TELRIC + Common Costs*** | E8623+E8633 | | $243.98 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DARK FIBER - INITIAL RECORDS INQUIRY COMPLEX*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Determine planner by using wire center information program | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | 1.000 | | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | 1.000 | | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | 1.000 | | | | 10.00 | $56.97 | $9.50 |
| Receive and review response from planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Compose and forward e-mail to ATR - attach to request and forward to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Move file from desktop into results folder | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Place copy of e-mail in physical folder | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **70.50** | | **$66.94** |
| **-IOF TACTICAL PLANNER** | | | | | | | | |
| ***.5 prob is percent of time splice point inquiry made versus structure inquiry.*** | | | | | | | | |
| ***2 probability assumes two central offices. No other data available.*** | | | | | | | | |
| ***Verify records and planned IOF jobs*** | | | | | | | | |
| Work with OSP Plant Engineering to determine if there are IOF fibers avail for MID POINT meet | 15 | 0.500 | | | | 7.50 | $46.18 | $5.77 |
| Verify for spare IOF fibers if CO-CO fibers are required (time per Central Office analyzed) | 15 | 0.500 | 2.000 | | | 15.00 | $46.18 | $11.55 |
| ***Subtotal - IOF TACTICAL PLANNER*** | | | | | | **22.50** | | **$17.32** |
| **-OUTSIDE PLANT ENGINEERING - PLANNING (OSP)** | | | | | | | | |
| ***CHECK CONDUIT AND INNERDUCT AVAILABILITY*** | | | | | | | | |
| ***ALSO, CHECK LOCATION OF POI MANHOLE*** | | | | | | | | |
| Check OSP (Outside Plant) records, identify const req., req field engr | 150 | 1.000 | | | | 150.00 | $51.76 | $129.40 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - PLANNING (OSP)*** | | | | | | **150.00** | | **$129.40** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - INITIAL RECORDS INQUIRY COMPLEX (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **243.00** | | **$213.66** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER - INITIAL RECORDS INQUIRY COMPLEX (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | D | E |
| 8732 | **Direct Cost** | | | $213.66 |
| 8733 | | | | |
| 8734 | | | | |
| 8735 | | | | |
| 8736 | | | | |
| 8737 | ***Directly Assigned*** | | | |
| 8738 | Product Management Expense | D8738*E8732 | 0.025565 | $5.46 |
| 8739 | Sales Expense | D8739*E8732 | 0.009225 | $1.97 |
| 8740 | Product Advertising Expense | D8740*E8732 | 0.000000 | $0.00 |
| 8741 | Business Fees (Other Operating Taxes) | D8741*Sum(E8732:E8740) | 0.002025 | $0.45 |
| 8742 | ***Directly Assigned Costs*** | Sum(E8732:E8741) | | $7.88 |
| 8743 | | | | |
| 8744 | ***Total Direct Costs*** | E8732+E8742 | | $221.54 |
| 8745 | | | | |
| 8746 | ***Directly Attributed*** | | | |
| 8747 | Network Operations | D8747*E8744 | 0.040880 | $9.06 |
| 8748 | Network Support Assets | D8748*E8744 | 0.015364 | $3.40 |
| 8749 | General Support Assets | D8749*E8744 | 0.069508 | $15.40 |
| 8750 | General Purpose Computers | D8750*E8744 | 0.034714 | $7.69 |
| 8751 | Uncollectible | D8751*E8744 | 0.000401 | $0.09 |
| 8752 | Accounting & Finance Expense | D8752*E8744 | 0.008839 | $1.96 |
| 8753 | Human Resources Expense | D8753*E8744 | 0.008145 | $1.80 |
| 8754 | Information Management Expense | D8754*E8744 | 0.057009 | $12.63 |
| 8755 | Intangibles | D8755*E8744 | 0.002091 | $0.46 |
| 8756 | ***Directly Attributed Costs*** | Sum(E8747:E8755) | | $52.49 |
| 8757 | | | | |
| 8758 | ***TELRIC*** | E8747+E8756 | | $274.03 |
| 8759 | | | | |
| 8760 | ***Common*** | | | |
| 8761 | Executive Expense | D8761*E8758 | 0.007805 | $2.14 |
| 8762 | Planning Expense | D8762*E8758 | 0.000580 | $0.16 |
| 8763 | External Relations Expense | D8763*E8758 | 0.013029 | $3.57 |
| 8764 | Legal Expense | D8764*E8758 | 0.006148 | $1.68 |
| 8765 | Other Procurement Expense | D8765*E8758 | 0.002359 | $0.65 |
| 8766 | Research & Development Expense | D8766*E8758 | 0.000036 | $0.01 |
| 8767 | Other General and Admin Expense | D8767*E8758 | 0.015212 | $4.17 |
| 8768 | ***Common Costs*** | Sum(E8761:E8767) | | $12.38 |
| 8769 | | | | |
| 8770 | ***TELRIC + Common Costs*** | E8758+E8768 | | $286.41 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - ENGINEER VERIFICATION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-OUTSIDE PLANT ENGINEERING (OSP) - PLANNING** | | | | | | | | |
| Check records for available splice to connect dead fiber to live spare fiber | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - PLANNING*** | | | | | | **120.00** | | **$103.52** |
| **-OUTSIDE PLANT ENGINEERING (OSP) - TACTICAL PLANNING** | | | | | | | | |
| Receive and review request | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Access TIRKS | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| Access OSPFM/CIMAGE | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Navigate to work location in OSPFM/CIMAGE and find work area | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| Verify fiber counts still spare and available, check TIRKS data | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Locate splices for connectivity | 60 | 1.000 | | | | 60.00 | $51.76 | $51.76 |
| Complie response to CPMC of field findings | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - TACTICAL PLANNING*** | | | | | | **170.00** | | **$146.65** |
| ***Total For Service:*** | | | | | | **290.00** | | **$250.17** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER - ENGINEER VERIFICATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 8822 | **Direct Cost** | | | | $250.17 |
| 8823 | | | | | |
| 8824 | | Cost Calculation | | Cost Factor | Cost |
| 8825 | | B | C | D | E |
| 8826 | | | | | |
| 8827 | ***Directly Assigned*** | | | | |
| 8828 | Product Management Expense | D8828*E8822 | | 0.025565 | $6.40 |
| 8829 | Sales Expense | D8829*E8822 | | 0.009225 | $2.31 |
| 8830 | Product Advertising Expense | D8830*E8822 | | 0.000000 | $0.00 |
| 8831 | Business Fees (Other Operating Taxes) | D8831*Sum(E8822:E8830) | | 0.002025 | $0.52 |
| 8832 | ***Directly Assigned Costs*** | Sum(E8822:E8831) | | | $9.23 |
| 8833 | | | | | |
| 8834 | ***Total Direct Costs*** | E8822+E8832 | | | $259.40 |
| 8835 | | | | | |
| 8836 | ***Directly Attributed*** | | | | |
| 8837 | Network Operations | D8837*E8834 | | 0.040880 | $10.60 |
| 8838 | Network Support Assets | D8838*E8834 | | 0.015364 | $3.99 |
| 8839 | General Support Assets | D8839*E8834 | | 0.069508 | $18.03 |
| 8840 | General Purpose Computers | D8840*E8834 | | 0.034714 | $9.00 |
| 8841 | Uncollectible | D8841*E8834 | | 0.000401 | $0.10 |
| 8842 | Accounting & Finance Expense | D8842*E8834 | | 0.008839 | $2.29 |
| 8843 | Human Resources Expense | D8843*E8834 | | 0.008145 | $2.11 |
| 8844 | Information Management Expense | D8844*E8834 | | 0.057009 | $14.79 |
| 8845 | Intangibles | D8845*E8834 | | 0.002091 | $0.54 |
| 8846 | ***Directly Attributed Costs*** | Sum(E8837:E8845) | | | $61.47 |
| 8847 | | | | | |
| 8848 | ***TELRIC*** | E8837+E8846 | | | $320.87 |
| 8849 | | | | | |
| 8850 | ***Common*** | | | | |
| 8851 | Executive Expense | D8851*E8848 | | 0.007805 | $2.50 |
| 8852 | Planning Expense | D8852*E8848 | | 0.000580 | $0.19 |
| 8853 | External Relations Expense | D8853*E8848 | | 0.013029 | $4.18 |
| 8854 | Legal Expense | D8854*E8848 | | 0.006148 | $1.97 |
| 8855 | Other Procurement Expense | D8855*E8848 | | 0.002359 | $0.76 |
| 8856 | Research & Development Expense | D8856*E8848 | | 0.000036 | $0.01 |
| 8857 | Other General and Admin Expense | D8857*E8848 | | 0.015212 | $4.88 |
| 8858 | ***Common Costs*** | Sum(E8851:E8857) | | | $14.49 |
| 8859 | | | | | |
| 8860 | ***TELRIC + Common Costs*** | E8848+E8858 | | | $335.36 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - SPLICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | 1.000 | | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | 1.000 | | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | 1.000 | | | | 10.00 | $56.97 | $9.50 |
| Receive and review response from planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Compose and forward e-mail to ATR - attach to request and forward to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Move file from desktop into results folder | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Place copy of e-mail in physical folder | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Fowrard completion data to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **70.50** | | **$66.94** |
| **-OUTSIDE PLANT ENGINEERING (OSP) - PLANNING** | | | | | | | | |
| Receive and Review Request | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Access OSPFM/CIMAGE Data Base (opening only): | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Navigate to work location in OSPFM/CIMAGE and find work area | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| ***Verify fiber counts still spare and available, creat work prints,*** | | | | | | | | |
| a) Create work prints | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| b) open and detail proposal in CPD | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| c) prepare work package in CPD | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| Send package to CMC | 5 | 1.000 | | | | 5.00 | $51.76 | $4.31 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING (OSP) - PLANNING*** | | | | | | **85.00** | | **$73.33** |
| **-CONSTRUCTION MANAGEMENT CENTER (CMC)** | | | | | | | | |
| Identify issues at the proposed location. | 87 | 1.000 | | | | 87.00 | $42.68 | $61.89 |
| ***Subtotal - CONSTRUCTION MANAGEMENT CENTER (CMC)*** | | | | | | **87.00** | | **$61.89** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DARK FIBER - SPLICE (con't)*** | | | | | | | | |
| -SPLICER | | | | | | | | |
| [mh tech] Load material on truck | 7 | 1.000 | | | | 7.00 | $42.68 | $4.98 |
| [mh tech] Travel from yard to job site | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| [mh tech] Set up work area protection - park truck, set out cones, remove equipment from truck | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| [mh tech] Ventilate manhole - remove lid, set up and start blower, ventilate manhole | 22 | 1.000 | | | | 22.00 | $42.68 | $15.65 |
| [mh tech] Test for explosive gases | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| ***.25 probability is percent of time activity expected to occur.*** | | | | | | | | |
| [mh tech] Pump water from manhole | 10 | 0.250 | | | | 2.50 | $42.68 | $1.78 |
| [mh tech] Unstrap case from wall of manhole - enter manhole, identify correct splice case | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| [mh tech] Bring case to truck | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| [mh tech] Open case | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| [mh tech] Set up splice tray | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***2 probabilities represent two strands @ 2 minutes per fiber strand.*** | | | | | | | | |
| [mh tech] Identify strand to be spliced | 2 | 2.000 | | | | 4.00 | $42.68 | $2.85 |
| ***2 probability is two fiber strands*** | | | | | | | | |
| [mh tech] Splice strand - mechanical or fusion | 2 | 2.000 | | | | 4.00 | $42.68 | $2.85 |
| [mh tech] Close splice case | 8 | 1.000 | | | | 8.00 | $42.68 | $5.69 |
| [mh tech] Replace case in manhole | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| [mh tech] Strap case to wall of manhole | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| [mh tech] Remove work area protection - load equipment in truck, pick up cones | 8 | 1.000 | | | | 8.00 | $42.68 | $5.69 |
| [mh tech] Travel back to yard | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| [co/cp tech] Load material on truck | 7 | 1.000 | | | | 7.00 | $42.68 | $4.98 |
| [co/cp tech] Travel from yard to central office | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| [co/cp tech] Access central office - park truck, gain access, find location where fiber is terminate | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| ***2 probability is for the two tech locating talk pairs to extablish contact.*** | | | | | | | | |
| [co/cp tech] Establish communication with tech on job site | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| [co/cp tech] Set up light source | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***2 probabilities represent two strands @ 2 minutes per fiber strand.*** | | | | | | | | |
| [co/cp tech] Identify strand to be spliced | 2 | 2.000 | | | | 4.00 | $42.68 | $2.85 |
| [co/cp tech] Remove light source | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| [co/cp tech] Travel from central office to customer premises | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| [co/cp tech] Access cust prem - park truck, gain access, find location where fiber is terminated | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| ***2 probability is for the two tech locating talk pairs to extablish contact.*** | | | | | | | | |
| [co/cp tech & mh tech] Establish communication on job site | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| [co/cp tech] Set up light source | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| [co/cp tech] Remove light source | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***2 probabilities are for both techs to test fiber between co and end user location.*** | | | | | | | | |
| [mh tech] Travel from splice point to co to test with tech at cust prem end. | 20 | 1.000 | | | | 20.00 | $42.68 | $14.23 |
| Gain access to co building - park truck, gain access, find location where fiber is terminated | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Establish communication between techs | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| Set up test gear | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| Test for continuity | 2 | 2.000 | | | | 4.00 | $42.68 | $2.85 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DARK FIBER - SPLICE (con't)*** | | | | | | | | |
| Disassemble test gear | 10 | 2.000 | | | | 20.00 | $42.68 | $14.23 |
| Unload test gear | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| SIGN AND BARRACDE RENTAL IS 66.50. PROBABILITY OF OCCURRENCE 50% | | | | | | | | $33.25 |
| ***Subtotal - SPLICER*** | | | | | | **341.50** | | **$276.17** |
| ***Total For Service:*** | | | | | | **584.00** | | **$478.32** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER - SPLICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 9002 | **Direct Cost** | | | | $478.32 |
| 9003 | | | | | |
| 9004 | | | | | |
| 9005 | | | | | |
| 9006 | | | | | |
| 9007 | ***Directly Assigned*** | | | | |
| 9008 | Product Management Expense | D9008*E9002 | | 0.025565 | $12.23 |
| 9009 | Sales Expense | D9009*E9002 | | 0.009225 | $4.41 |
| 9010 | Product Advertising Expense | D9010*E9002 | | 0.000000 | $0.00 |
| 9011 | Business Fees (Other Operating Taxes) | D9011*Sum(E9002:E9010) | | 0.002025 | $1.00 |
| 9012 | ***Directly Assigned Costs*** | Sum(E9002:E9011) | | | $17.64 |
| 9013 | | | | | |
| 9014 | ***Total Direct Costs*** | E9002+E9012 | | | $495.97 |
| 9015 | | | | | |
| 9016 | ***Directly Attributed*** | | | | |
| 9017 | Network Operations | D9017*E9014 | | 0.040880 | $20.28 |
| 9018 | Network Support Assets | D9018*E9014 | | 0.015364 | $7.62 |
| 9019 | General Support Assets | D9019*E9014 | | 0.069508 | $34.47 |
| 9020 | General Purpose Computers | D9020*E9014 | | 0.034714 | $17.22 |
| 9021 | Uncollectible | D9021*E9014 | | 0.000401 | $0.20 |
| 9022 | Accounting & Finance Expense | D9022*E9014 | | 0.008839 | $4.38 |
| 9023 | Human Resources Expense | D9023*E9014 | | 0.008145 | $4.04 |
| 9024 | Information Management Expense | D9024*E9014 | | 0.057009 | $28.27 |
| 9025 | Intangibles | D9025*E9014 | | 0.002091 | $1.04 |
| 9026 | ***Directly Attributed Costs*** | Sum(E9017:E9025) | | | $117.52 |
| 9027 | | | | | |
| 9028 | ***TELRIC*** | E9017+E9026 | | | $613.49 |
| 9029 | | | | | |
| 9030 | ***Common*** | | | | |
| 9031 | Executive Expense | D9031*E9028 | | 0.007805 | $4.79 |
| 9032 | Planning Expense | D9032*E9028 | | 0.000580 | $0.36 |
| 9033 | External Relations Expense | D9033*E9028 | | 0.013029 | $7.99 |
| 9034 | Legal Expense | D9034*E9028 | | 0.006148 | $3.77 |
| 9035 | Other Procurement Expense | D9035*E9028 | | 0.002359 | $1.45 |
| 9036 | Research & Development Expense | D9036*E9028 | | 0.000036 | $0.02 |
| 9037 | Other General and Admin Expense | D9037*E9028 | | 0.015212 | $9.33 |
| 9038 | ***Common Costs*** | Sum(E9031:E9037) | | | $27.71 |
| 9039 | | | | | |
| 9040 | ***TELRIC + Common Costs*** | E9028+E9038 | | | $641.20 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | 1.000 | | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | 1.000 | | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | 1.000 | | | | 10.00 | $56.97 | $9.50 |
| Receive and review response from planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Compose and forward e-mail to ATR - attach to request and forward to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Move file from desktop into results folder | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Place copy of e-mail in physical folder | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **68.50** | | **$65.04** |
| **-OUTSIDE PLANT ENGINEERING - PLANNING (OSP)** | | | | | | | | |
| Receive and review request | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Access Database - TIRKS | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| Access Database - ospfm/cimage | 10 | 1.000 | | | | 10.00 | $51.76 | $8.63 |
| Navigate to work location in OSPFM/CIMAGE and find work area | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| Verify fiber counts still spare and available - check TIRKS data | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Verify fiber counts still spare and available - create work prints | 60 | 1.000 | | | | 60.00 | $51.76 | $51.76 |
| Verify fiber counts still spare and available - open and detail proposal in CPD | 90 | 1.000 | | | | 90.00 | $51.76 | $77.64 |
| Verify fiber counts still spare and available - prepare work package in CPD | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Send package to field engineer | 5 | 1.000 | | | | 5.00 | $51.76 | $4.31 |
| Review returned information from field engr for modifications from actual or records errors | 45 | 1.000 | | | | 45.00 | $51.76 | $38.82 |
| Compile response to CPMC for field findings | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Send field verification info received from field engr to records center for OSP records update | 15 | 1.000 | | | | 15.00 | $51.76 | $12.94 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - PLANNING (OSP)*** | | | | | | **355.00** | | **$306.25** |
| **-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION (con't)*** | | | | | | | | |
| Travel time in metro area | 60 | 1.000 | | | | 60.00 | $51.76 | $51.76 |
| Make field visit, verify/identify issues at the proposed location. | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **180.00** | | **$155.28** |
| **-IOF TACTICAL PLANNER** | | | | | | | | |
| ***Assist Outside Plant Engineering as required*** | | | | | | | | |
| ***.5 prob is percent of time splice point inquiry made versus structure inquiry.*** | | | | | | | | |
| Verify TIRKS and planned IOF job if OSP has difficulty in locating IOF fibers | 15 | 0.500 | | | | 7.50 | $46.18 | $5.77 |
| ***Subtotal - IOF TACTICAL PLANNER*** | | | | | | **7.50** | | **$5.77** |
| **-CMC** | | | | | | | | |
| ***.5 prob is percent of time splice point inquiry made versus structure inquiry.*** | | | | | | | | |
| Identify issues at the proposed location. | 87 | 0.500 | | | | 43.50 | $42.68 | $30.94 |
| ***Subtotal - CMC*** | | | | | | **43.50** | | **$30.94** |
| **-SPLICER TEST** | | | | | | | | |
| ***.5 prob is percent of time splice point inquiry made versus structure inquiry.*** | | | | | | | | |
| ***2 probability represents 2 splice technicians involvement and 2 fiber pairs.*** | | | | | | | | |
| Travel time in metro area | 60 | 0.500 | 2.000 | | | 60.00 | $42.68 | $42.68 |
| Setup for conformance test | 150 | 0.500 | 2.000 | | | 150.00 | $42.68 | $106.70 |
| Conformance test per fber | 11 | 0.500 | 2.000 | 2.000 | | 22.00 | $42.68 | $15.65 |
| ***Subtotal - SPLICER TEST*** | | | | | | **232.00** | | **$165.03** |
| ***Total For Service:*** | | | | | | **886.50** | | **$728.31** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER - FIELD VERIFICATION AND QUOTE PREPARATION (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 9137 | **Direct Cost** | | | $728.31 |
| 9138 | | | | |
| 9139 | | | | |
| 9140 | | | | |
| 9141 | | | | |
| 9142 | ***Directly Assigned*** | | | |
| 9143 | Product Management Expense | D9143*E9137 | 0.025565 | $18.62 |
| 9144 | Sales Expense | D9144*E9137 | 0.009225 | $6.72 |
| 9145 | Product Advertising Expense | D9145*E9137 | 0.000000 | $0.00 |
| 9146 | Business Fees (Other Operating Taxes) | D9146*Sum(E9137:E9145) | 0.002025 | $1.53 |
| 9147 | ***Directly Assigned Costs*** | Sum(E9137:E9146) | | $26.86 |
| 9148 | | | | |
| 9149 | ***Total Direct Costs*** | E9137+E9147 | | $755.18 |
| 9150 | | | | |
| 9151 | ***Directly Attributed*** | | | |
| 9152 | Network Operations | D9152*E9149 | 0.040880 | $30.87 |
| 9153 | Network Support Assets | D9153*E9149 | 0.015364 | $11.60 |
| 9154 | General Support Assets | D9154*E9149 | 0.069508 | $52.49 |
| 9155 | General Purpose Computers | D9155*E9149 | 0.034714 | $26.22 |
| 9156 | Uncollectible | D9156*E9149 | 0.000401 | $0.30 |
| 9157 | Accounting & Finance Expense | D9157*E9149 | 0.008839 | $6.68 |
| 9158 | Human Resources Expense | D9158*E9149 | 0.008145 | $6.15 |
| 9159 | Information Management Expense | D9159*E9149 | 0.057009 | $43.05 |
| 9160 | Intangibles | D9160*E9149 | 0.002091 | $1.58 |
| 9161 | ***Directly Attributed Costs*** | Sum(E9152:E9160) | | $178.94 |
| 9162 | | | | |
| 9163 | ***TELRIC*** | E9152+E9161 | | $934.12 |
| 9164 | | | | |
| 9165 | ***Common*** | | | |
| 9166 | Executive Expense | D9166*E9163 | 0.007805 | $7.29 |
| 9167 | Planning Expense | D9167*E9163 | 0.000580 | $0.54 |
| 9168 | External Relations Expense | D9168*E9163 | 0.013029 | $12.17 |
| 9169 | Legal Expense | D9169*E9163 | 0.006148 | $5.74 |
| 9170 | Other Procurement Expense | D9170*E9163 | 0.002359 | $2.20 |
| 9171 | Research & Development Expense | D9171*E9163 | 0.000036 | $0.03 |
| 9172 | Other General and Admin Expense | D9172*E9163 | 0.015212 | $14.21 |
| 9173 | ***Common Costs*** | Sum(E9166:E9172) | | $42.19 |
| 9174 | | | | |
| 9175 | ***TELRIC + Common Costs*** | E9163+E9173 | | $976.31 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | 1.000 | | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | 1.000 | | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | 1.000 | | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | 1.000 | | | | 10.00 | $56.97 | $9.50 |
| Receive and review response from planner | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 1.0 | 1.000 | | | | 1.00 | $56.97 | $0.95 |
| Compose and forward e-mail to ATR - attach to request and forward to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Move file from desktop into results folder | 0.5 | 1.000 | | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Place copy of e-mail in physical folder | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| Forward completion data to ATR | 2.0 | 1.000 | | | | 2.00 | $56.97 | $1.90 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **70.50** | | **$66.94** |
| **-DESIGN (KATHY PLATTS )** | | | | | | | | |
| Order handling/screening | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| GOC (Generic Order Control) order log | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| Enter WA (Work Authorization) mask | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| Prepare loop input/DRI (Design Related Information) | 15 | 1.000 | | | | 15.00 | $44.31 | $11.08 |
| Circuit design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute WORD (Work Order Record Detail) doc | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN (KATHY PLATTS )*** | | | | | | **63.00** | | **$46.53** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| Screen order | 2 | 2.000 | | | | 4.00 | $37.78 | $2.52 |
| Load work request to technician | 5 | 2.000 | | | | 10.00 | $37.78 | $6.30 |
| Close out work request with technician | 3 | 2.000 | | | | 6.00 | $37.78 | $3.78 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR (con't)*** | | | | | | | | |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **20.00** | | **$12.59** |
| **-FIELD INSTALLATION** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| ANALYZE ORDER | | 5 | 2.000 | | | 10.00 | $42.68 | $7.11 |
| TRAVEL TIME TO CUSTOMER LOCATIONS - 2 LOCATIONS | | 21 | 2.000 | | | 42.00 | $42.68 | $29.88 |
| LOCATE TERMINAL - 2 LOCATIONS | | 15 | 2.000 | | | 30.00 | $42.68 | $21.34 |
| TEST FIBER - 2 TERMINATING LOCATIONS | | 30 | 2.000 | | | 60.00 | $42.68 | $42.68 |
| TAG FIBER PAIRS - 2 LOCATIONS | 5 | | 2.000 | | | 10.00 | $42.68 | $7.11 |
| NOTIFY IMPLEMENTOR WHEN COMPLETED (WFA) | | 5 | 1.000 | | | 5.00 | $42.68 | $3.56 |
| ***Subtotal - FIELD INSTALLATION*** | | | | | | **157.00** | | **$111.68** |
| **-SERVICE DELIVERY IMPLEMENTOR (LINDA HENDRICKS)** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | | 10 | 1.000 | | | 10.00 | $43.81 | $7.30 |
| Verify LNO (Local Network Operation) completion | | 10 | 1.000 | | | 10.00 | $43.81 | $7.30 |
| Notify customer | | 5 | 1.000 | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | | 10 | 1.000 | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR (LINDA HENDRICKS)*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)** | | | | | | | | |
| Check e-mail for UDF request - open file - review for completeness - save to desktop | 2.0 | | 1.000 | | | 2.00 | $56.97 | $1.90 |
| Add basic data | 0.5 | | 1.000 | | | 0.50 | $56.97 | $0.47 |
| Add planner data to request and print Wire Center Information sheet | 2.0 | | 1.000 | | | 2.00 | $56.97 | $1.90 |
| Compose and forward e-mail to planner - attach to request and forward to planner | 2.0 | | 1.000 | | | 2.00 | $56.97 | $1.90 |
| Follow-up call with planner | 15.0 | | 1.000 | | | 15.00 | $56.97 | $14.24 |
| Create virtual folders on desktop and move electronic data into folders | 0.5 | | 1.000 | | | 0.50 | $56.97 | $0.47 |
| Print copy of e-mail to planner | 2.0 | | 1.000 | | | 2.00 | $56.97 | $1.90 |
| Create physical folder and file | 3.0 | | 1.000 | | | 3.00 | $56.97 | $2.85 |
| Enter request data into tracking system | 5.0 | | 1.000 | | | 5.00 | $56.97 | $4.75 |
| Update response "due back" list | 1.0 | | 1.000 | | | 1.00 | $56.97 | $0.95 |
| File physical folder | 1.0 | | 1.000 | | | 1.00 | $56.97 | $0.95 |
| Verify status of planners response | 15.0 | | 1.000 | | | 15.00 | $56.97 | $14.24 |
| Shared time for common phone calls, meetings, reports, | 10.0 | | 1.000 | | | 10.00 | $56.97 | $9.50 |
| ***Subtotal - COLLOCATION PROJECT MANAGEMENT CENTER (CPMC)*** | | | | | | **59.00** | | **$56.02** |
| **-DESIGN (KATHY PLATTS)** | | | | | | | | |
| Order handling/screening | | 5 | 1.000 | | | 5.00 | $44.31 | $3.69 |
| GOC (Generic Order Control) order log | | 6 | 1.000 | | | 6.00 | $44.31 | $4.43 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR (con't)*** | | | | | | | | |
| Enter WA (Work Authorization) mask | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| Disconnect circuit | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| Distribute WORD (Work Order Record Detail) doc | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN (KATHY PLATTS)*** | | | | | | **23.00** | | **$16.99** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| Screen order | 2 | 2.000 | | | | 4.00 | $37.78 | $2.52 |
| Load work request to technician | 5 | 2.000 | | | | 10.00 | $37.78 | $6.30 |
| Close out work request with technician | 3 | 2.000 | | | | 6.00 | $37.78 | $3.78 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **20.00** | | **$12.59** |
| **-FIELD INSTALLATION** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| TRAVEL TIME TO CUSTOMER LOCATIONS - 2 LOCATIONS | 21 | 2.000 | | | | 42.00 | $42.68 | $29.88 |
| LOCATE TERMINAL - 2 LOCATIONS | 15 | 2.000 | | | | 30.00 | $42.68 | $21.34 |
| REMOVE FIBER PAIRS TAGS - 2 LOCATIONS | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| NOTIFY IMPLEMENTOR WHEN COMPLETED (WFA) | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***Subtotal - FIELD INSTALLATION*** | | | | | | **97.00** | | **$69.00** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **559.50** | | **$428.84** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - FIRST FIBER STRAND OR PAIR (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 9317 | **Direct Cost** | | | | $428.84 |
| 9318 | | | | | |
| 9319 | | Cost Calculation | | Cost Factor | Cost |
| 9320 | | B | C | D | E |
| 9321 | | | | | |
| 9322 | ***Directly Assigned*** | | | | |
| 9323 | Product Management Expense | D9323*E9317 | | 0.025565 | $10.96 |
| 9324 | Sales Expense | D9324*E9317 | | 0.009225 | $3.96 |
| 9325 | Product Advertising Expense | D9325*E9317 | | 0.000000 | $0.00 |
| 9326 | Business Fees (Other Operating Taxes) | D9326*Sum(E9317:E9325) | | 0.002025 | $0.90 |
| 9327 | ***Directly Assigned Costs*** | Sum(E9317:E9326) | | | $15.82 |
| 9328 | | | | | |
| 9329 | ***Total Direct Costs*** | E9317+E9327 | | | $444.66 |
| 9330 | | | | | |
| 9331 | ***Directly Attributed*** | | | | |
| 9332 | Network Operations | D9332*E9329 | | 0.040880 | $18.18 |
| 9333 | Network Support Assets | D9333*E9329 | | 0.015364 | $6.83 |
| 9334 | General Support Assets | D9334*E9329 | | 0.069508 | $30.91 |
| 9335 | General Purpose Computers | D9335*E9329 | | 0.034714 | $15.44 |
| 9336 | Uncollectible | D9336*E9329 | | 0.000401 | $0.18 |
| 9337 | Accounting & Finance Expense | D9337*E9329 | | 0.008839 | $3.93 |
| 9338 | Human Resources Expense | D9338*E9329 | | 0.008145 | $3.62 |
| 9339 | Information Management Expense | D9339*E9329 | | 0.057009 | $25.35 |
| 9340 | Intangibles | D9340*E9329 | | 0.002091 | $0.93 |
| 9341 | ***Directly Attributed Costs*** | Sum(E9332:E9340) | | | $105.36 |
| 9342 | | | | | |
| 9343 | ***TELRIC*** | E9332+E9341 | | | $550.03 |
| 9344 | | | | | |
| 9345 | ***Common*** | | | | |
| 9346 | Executive Expense | D9346*E9343 | | 0.007805 | $4.29 |
| 9347 | Planning Expense | D9347*E9343 | | 0.000580 | $0.32 |
| 9348 | External Relations Expense | D9348*E9343 | | 0.013029 | $7.17 |
| 9349 | Legal Expense | D9349*E9343 | | 0.006148 | $3.38 |
| 9350 | Other Procurement Expense | D9350*E9343 | | 0.002359 | $1.30 |
| 9351 | Research & Development Expense | D9351*E9343 | | 0.000036 | $0.02 |
| 9352 | Other General and Admin Expense | D9352*E9343 | | 0.015212 | $8.37 |
| 9353 | ***Common Costs*** | Sum(E9346:E9352) | | | $24.84 |
| 9354 | | | | | |
| 9355 | ***TELRIC + Common Costs*** | E9343+E9353 | | | $574.87 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - EACH ADDL FIBER STRAND OR PAIR*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-DESIGN (KATHY PLATTS )** | | | | | | | | |
| Order handling/screening | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| GOC (Generic Order Control) order log | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| Enter WA (Work Authorization) mask | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| Prepare loop input/DRI (Design Related Information) | 15 | 1.000 | | | | 15.00 | $44.31 | $11.08 |
| Circuit design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute WORD (Work Order Record Detail) doc | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN (KATHY PLATTS )*** | | | | | | **63.00** | | **$46.53** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| Screen order | 2 | 2.000 | | | | 4.00 | $37.78 | $2.52 |
| Load work request to technician | 5 | 2.000 | | | | 10.00 | $37.78 | $6.30 |
| Close out work request with technician | 3 | 2.000 | | | | 6.00 | $37.78 | $3.78 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **20.00** | | **$12.59** |
| **-FIELD INSTALLATION** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| TEST FIBER - 2 TERMINATING LOCATIONS | 30 | 2.000 | | | | 60.00 | $42.68 | $42.68 |
| TAG FIBER PAIRS - 2 LOCATIONS | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| NOTIFY IMPLEMENTOR WHEN COMPLETED (WFA) | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***Subtotal - FIELD INSTALLATION*** | | | | | | **85.00** | | **$60.46** |
| **-SERVICE DELIVERY IMPLEMENTOR (LINDA HENDRICKS)** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR (LINDA HENDRICKS)*** | | | | | | **30.00** | | **$21.91** |
| ***DISCONNECT*** | | | | | | | | |
| **-DESIGN (KATHY PLATTS)** | | | | | | | | |
| Order handling/screening | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| GOC (Generic Order Control) order log | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| Enter WA (Work Authorization) mask | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - EACH ADDL FIBER STRAND OR PAIR (con't)*** | | | | | | | | |
| Disconnect circuit | 5 | 1.000 | | | | 5.00 | $44.31 | $3.69 |
| Distribute WORD (Work Order Record Detail) doc | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| ***Subtotal - DESIGN (KATHY PLATTS)*** | | | | | | **23.00** | | **$16.99** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| Screen order | 2 | 2.000 | | | | 4.00 | $37.78 | $2.52 |
| Load work request to technician | 5 | 2.000 | | | | 10.00 | $37.78 | $6.30 |
| Close out work request with technician | 3 | 2.000 | | | | 6.00 | $37.78 | $3.78 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **20.00** | | **$12.59** |
| **-FIELD INSTALLATION** | | | | | | | | |
| ***2 probability is number of technicians dispatched*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| REMOVE FIBER PAIRS TAGS - 2 LOCATIONS | 5 | 2.000 | | | | 10.00 | $42.68 | $7.11 |
| NOTIFY IMPLEMENTOR WHEN COMPLETED (WFA) | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| ***Subtotal - FIELD INSTALLATION*** | | | | | | **25.00** | | **$17.78** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **10.00** | | **$7.30** |
| ***Total For Service:*** | | | | | | **276.00** | | **$196.15** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DARK FIBER NRC PER OCCURRENCE, PER ROUTE - EACH ADDL FIBER STRAND OR PAIR (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 9452 | **Direct Cost** | | | | $196.15 |
| 9453 | | | | | |
| 9454 | | Cost Calculation | | Cost Factor | Cost |
| 9455 | | B | C | D | E |
| 9456 | | | | | |
| 9457 | ***Directly Assigned*** | | | | |
| 9458 | Product Management Expense | D9458*E9452 | | 0.025565 | $5.01 |
| 9459 | Sales Expense | D9459*E9452 | | 0.009225 | $1.81 |
| 9460 | Product Advertising Expense | D9460*E9452 | | 0.000000 | $0.00 |
| 9461 | Business Fees (Other Operating Taxes) | D9461*Sum(E9452:E9460) | | 0.002025 | $0.41 |
| 9462 | ***Directly Assigned Costs*** | Sum(E9452:E9461) | | | $7.24 |
| 9463 | | | | | |
| 9464 | ***Total Direct Costs*** | E9452+E9462 | | | $203.39 |
| 9465 | | | | | |
| 9466 | ***Directly Attributed*** | | | | |
| 9467 | Network Operations | D9467*E9464 | | 0.040880 | $8.31 |
| 9468 | Network Support Assets | D9468*E9464 | | 0.015364 | $3.12 |
| 9469 | General Support Assets | D9469*E9464 | | 0.069508 | $14.14 |
| 9470 | General Purpose Computers | D9470*E9464 | | 0.034714 | $7.06 |
| 9471 | Uncollectible | D9471*E9464 | | 0.000401 | $0.08 |
| 9472 | Accounting & Finance Expense | D9472*E9464 | | 0.008839 | $1.80 |
| 9473 | Human Resources Expense | D9473*E9464 | | 0.008145 | $1.66 |
| 9474 | Information Management Expense | D9474*E9464 | | 0.057009 | $11.59 |
| 9475 | Intangibles | D9475*E9464 | | 0.002091 | $0.43 |
| 9476 | ***Directly Attributed Costs*** | Sum(E9467:E9475) | | | $48.19 |
| 9477 | | | | | |
| 9478 | ***TELRIC*** | E9467+E9476 | | | $251.58 |
| 9479 | | | | | |
| 9480 | ***Common*** | | | | |
| 9481 | Executive Expense | D9481*E9478 | | 0.007805 | $1.96 |
| 9482 | Planning Expense | D9482*E9478 | | 0.000580 | $0.15 |
| 9483 | External Relations Expense | D9483*E9478 | | 0.013029 | $3.28 |
| 9484 | Legal Expense | D9484*E9478 | | 0.006148 | $1.55 |
| 9485 | Other Procurement Expense | D9485*E9478 | | 0.002359 | $0.59 |
| 9486 | Research & Development Expense | D9486*E9478 | | 0.000036 | $0.01 |
| 9487 | Other General and Admin Expense | D9487*E9478 | | 0.015212 | $3.83 |
| 9488 | ***Common Costs*** | Sum(E9481:E9487) | | | $11.36 |
| 9489 | | | | | |
| 9490 | ***TELRIC + Common Costs*** | E9478+E9488 | | | $262.94 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA-DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***OPTICAL CROSS CONN - PER FIBER STRAND OR PAIR PER CENTRAL OFFICE*** | | | | | | | | |
| ***( MUST BE ORDERED AT THE SAME TIME AS DARK FIBER REQUEST )*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-CENTRAL OFFICE (CO)** | | | | | | | | |
| REVIEW SERVICE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE FIBER CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TAG FIBER PAIR AT CO CIRCUIT LABELS PL | 2.5 | 1.000 | | | | 2.50 | $43.81 | $1.83 |
| ***Subtotal - CENTRAL OFFICE (CO)*** | | | | | | **11.50** | | **$8.40** |
| ***DISCONNECT*** | | | | | | | | |
| **-CENTRAL OFFICE (CO)** | | | | | | | | |
| REVIEW SERVICE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISCONNECT FIBER CROSS-CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| REMOVE FIBER PAIRS TAGS AT CO | 2.5 | 1.000 | | | | 2.50 | $43.81 | $1.83 |
| ***Subtotal - CENTRAL OFFICE (CO)*** | | | | | | **9.80** | | **$7.16** |
| ***Total For Service:*** | | | | | | **21.30** | | **$15.55** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***OPTICAL CROSS CONN - PER FIBER STRAND OR PAIR PER CENTRAL OFFICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 9542 | **Direct Cost** | | | | $15.55 |
| 9543 | | | | | |
| 9544 | | | Cost Calculation | Cost Factor | Cost |
| 9545 | | | B | C | D | E |
| 9546 | | | | | | |
| 9547 | ***Directly Assigned*** | | | | |
| 9548 | Product Management Expense | | D9548*E9542 | 0.025565 | $0.40 |
| 9549 | Sales Expense | | D9549*E9542 | 0.009225 | $0.14 |
| 9550 | Product Advertising Expense | | D9550*E9542 | 0.000000 | $0.00 |
| 9551 | Business Fees (Other Operating Taxes) | | D9551*Sum(E9542:E9550) | 0.002025 | $0.03 |
| 9552 | ***Directly Assigned Costs*** | | Sum(E9542:E9551) | | $0.57 |
| 9553 | | | | | |
| 9554 | ***Total Direct Costs*** | | E9542+E9552 | | $16.13 |
| 9555 | | | | | |
| 9556 | ***Directly Attributed*** | | | | |
| 9557 | Network Operations | | D9557*E9554 | 0.040880 | $0.66 |
| 9558 | Network Support Assets | | D9558*E9554 | 0.015364 | $0.25 |
| 9559 | General Support Assets | | D9559*E9554 | 0.069508 | $1.12 |
| 9560 | General Purpose Computers | | D9560*E9554 | 0.034714 | $0.56 |
| 9561 | Uncollectible | | D9561*E9554 | 0.000401 | $0.01 |
| 9562 | Accounting & Finance Expense | | D9562*E9554 | 0.008839 | $0.14 |
| 9563 | Human Resources Expense | | D9563*E9554 | 0.008145 | $0.13 |
| 9564 | Information Management Expense | | D9564*E9554 | 0.057009 | $0.92 |
| 9565 | Intangibles | | D9565*E9554 | 0.002091 | $0.03 |
| 9566 | ***Directly Attributed Costs*** | | Sum(E9557:E9565) | | $3.82 |
| 9567 | | | | | |
| 9568 | ***TELRIC*** | | E9557+E9566 | | $19.95 |
| 9569 | | | | | |
| 9570 | ***Common*** | | | | |
| 9571 | Executive Expense | | D9571*E9568 | 0.007805 | $0.16 |
| 9572 | Planning Expense | | D9572*E9568 | 0.000580 | $0.01 |
| 9573 | External Relations Expense | | D9573*E9568 | 0.013029 | $0.26 |
| 9574 | Legal Expense | | D9574*E9568 | 0.006148 | $0.12 |
| 9575 | Other Procurement Expense | | D9575*E9568 | 0.002359 | $0.05 |
| 9576 | Research & Development Expense | | D9576*E9568 | 0.000036 | $0.00 |
| 9577 | Other General and Admin Expense | | D9577*E9568 | 0.015212 | $0.30 |
| 9578 | ***Common Costs*** | | Sum(E9571:E9577) | | $0.90 |
| 9579 | | | | | |
| 9580 | ***TELRIC + Common Costs*** | | E9568+E9578 | | $20.85 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.1 DS1 LOCAL MESSAGE TRUNK PORT*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VALIDATE CONNECTING FACILITY ARRANGEMENT (CFA), NETWORK CHANNEL/NETWOR | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| NAME COMMON LANGUAGE FACILITY (CLF) & ESTABLISH FACILITY EQUIPMENT PLANN | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| DETERMINE CRITICAL DATES | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CONFIRM FIRM ORDER CONFIRMATION (FOC) LOCAL SERVICE REQUEST (LSR) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ISSUE SERVICE ORDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORDER COMPLETION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **52.00** | | **$34.69** |
| -DESIGN | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| Log and Verify Facility (manual orders) | 45 | 0.050 | | | | 2.25 | $44.31 | $1.66 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 6 | 0.050 | | | | 0.30 | $44.31 | $0.22 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.200 | | | | 3.00 | $44.31 | $2.22 |
| Distribute Documents | 4 | 1.000 | | | | 4.00 | $44.31 | $2.95 |
| Log and Verify Facility (mechanzied orders) | 25 | 0.950 | | | | 23.75 | $44.31 | $17.54 |
| Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| Build and verify Circuit Design (CD) (mechanized orders) | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| ***Subtotal - DESIGN*** | | | | | | **40.15** | | **$29.65** |
| -CENTRAL OFFICE TECHNICIAN | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS CONNECT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| PERFORM CONFORMANCE TESTING | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE DD WORK STATUS WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| POST DVA WORK COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN*** | | | | | | **35.00** | | **$25.56** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| VERIFY COMPLETION WITH LOCAL NETWORK ORGANIZATION (LNO) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| MONITOR PERFORMANCE TESTING | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| NOTIFY CO-PROVIDER OF WORK COMPLETION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WORK FORCE ADMINISTRATION / CONTROL (WFA-C) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.11.1 DS1 LOCAL MESSAGE TRUNK PORT (con't)*** | | | | | | | | |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ANALYSIS OF REQUEST FOR ACCURACY | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY EXISTING ACCOUNT ACTIVITY AND OBTAIN CLOSING BILL INFORMATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK FOR SERVICE ORDER ACCESS CONTROLLER ERRORS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORDER COMPLETION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ISSUE SERVICE ORDER | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **22.00** | | **$14.68** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.*** | | | | | | | | |
| Log and Verify Facility (manual orders) | 8 | 0.050 | | | | 0.40 | $44.31 | $0.30 |
| Build and validate design related info and Work Authorization (manual orders) | 5 | 0.050 | | | | 0.25 | $44.31 | $0.18 |
| Build and verify circuit design (manual orders) | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| Distribute Documents | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| Log and Verify Facility (mechanzied orders) | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| Build and validate design related info and Work Authorization (mechanized orders) | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| Build and verify circuit design mechanized orders) | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| ***Subtotal - DESIGN*** | | | | | | **9.45** | | **$6.98** |
| **-CENTRAL OFFICE TECHNICIAN** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE CROSS CONNECT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE WORK REQUEST IN WORK FORCE ADMINISTRATION - DISPATCH IN MODUL | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN*** | | | | | | **12.00** | | **$8.76** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CO-PROVIDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPELTE ORDER IN WORK FORCE ADMINISTRATION-CIRCUIT (WFA-C) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **225.60** | | **$160.48** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.11.1 DS1 LOCAL MESSAGE TRUNK PORT (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 9677 | **Direct Cost** | | | | | $160.48 |
| 9678 | | | | | | |
| 9679 | | Cost Calculation | | Cost Factor | Cost | |
| 9680 | | | | | | |
| 9681 | | B | C | D | E | |
| 9682 | ***Directly Assigned*** | | | | | |
| 9683 | Product Management Expense | D9683*E9677 | | 0.025565 | $4.10 | |
| 9684 | Sales Expense | D9684*E9677 | | 0.009225 | $1.48 | |
| 9685 | Product Advertising Expense | D9685*E9677 | | 0.000000 | $0.00 | |
| 9686 | Business Fees (Other Operating Taxes) | D9686*Sum(E9677:E9685) | | 0.002025 | $0.34 | |
| 9687 | ***Directly Assigned Costs*** | Sum(E9677:E9686) | | | $5.92 | |
| 9688 | | | | | | |
| 9689 | ***Total Direct Costs*** | E9677+E9687 | | | $166.40 | |
| 9690 | | | | | | |
| 9691 | ***Directly Attributed*** | | | | | |
| 9692 | Network Operations | D9692*E9689 | | 0.040880 | $6.80 | |
| 9693 | Network Support Assets | D9693*E9689 | | 0.015364 | $2.56 | |
| 9694 | General Support Assets | D9694*E9689 | | 0.069508 | $11.57 | |
| 9695 | General Purpose Computers | D9695*E9689 | | 0.034714 | $5.78 | |
| 9696 | Uncollectible | D9696*E9689 | | 0.000401 | $0.07 | |
| 9697 | Accounting & Finance Expense | D9697*E9689 | | 0.008839 | $1.47 | |
| 9698 | Human Resources Expense | D9698*E9689 | | 0.008145 | $1.36 | |
| 9699 | Information Management Expense | D9699*E9689 | | 0.057009 | $9.49 | |
| 9700 | Intangibles | D9700*E9689 | | 0.002091 | $0.35 | |
| 9701 | ***Directly Attributed Costs*** | Sum(E9692:E9700) | | | $39.43 | |
| 9702 | | | | | | |
| 9703 | ***TELRIC*** | E9692+E9701 | | | $205.82 | |
| 9704 | | | | | | |
| 9705 | ***Common*** | | | | | |
| 9706 | Executive Expense | D9706*E9703 | | 0.007805 | $1.61 | |
| 9707 | Planning Expense | D9707*E9703 | | 0.000580 | $0.12 | |
| 9708 | External Relations Expense | D9708*E9703 | | 0.013029 | $2.68 | |
| 9709 | Legal Expense | D9709*E9703 | | 0.006148 | $1.27 | |
| 9710 | Other Procurement Expense | D9710*E9703 | | 0.002359 | $0.49 | |
| 9711 | Research & Development Expense | D9711*E9703 | | 0.000036 | $0.01 | |
| 9712 | Other General and Admin Expense | D9712*E9703 | | 0.015212 | $3.13 | |
| 9713 | ***Common Costs*** | Sum(E9706:E9712) | | | $9.30 | |
| 9714 | | | | | | |
| 9715 | ***TELRIC + Common Costs*** | E9703+E9713 | | | $215.12 | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.2 TRUNK GROUP, FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VALIDATE CONNECTING FACILITY ARRANGEMENT (CFA), NETWORK CHANNEL/NETWOR | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE SWITCH LOCATION & DETERMINE SWITCH PORT AVAILABILITY | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| OBTAIN TRUNK GROUP NUMBERS (TGN) AND ROUTE INDEX NUMBER (RTI) FROM COMP | 20 | 1.000 | | | | 20.00 | $40.03 | $13.34 |
| OBTAIN TELEPHONE NUMBERS DID NUMBER BLOCKS | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| DETERMINE CRITICAL DATES | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CONFIRM FIRM ORDER CONFIRMATION (FOC) LOCAL SERVICE REQUEST (LSR) | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CHECK FOR SERVICE ORDER ACCESS CONTROLLER (SOAC) ERRORS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORDER COMPLETION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ISSUE SERVICE ORDER | 15 | 1.000 | | | | 15.00 | $40.03 | $10.01 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **82.00** | | **$54.71** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Perform TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.39** | | **$1.03** |
| **-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP** | | | | | | | | |
| ***.50 probability is % orders establishing a new trunk group.*** | | | | | | | | |
| ***2 probability is number of route indexes per trunk group.*** | | | | | | | | |
| ASSIGN TRUNK GRP NUMBER | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| ANALYZE ACCESS SERVICE REQUEST (ASR)/TRANSLATIONS QUESTIONNAIRE | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| BUILD NEW TRUNK GROUP | 20 | 0.500 | | | | 10.00 | $41.45 | $6.91 |
| ASSIGN ROUTE INDEX | 10 | 0.500 | 2.000 | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP*** | | | | | | **30.00** | | **$20.73** |
| **-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP** | | | | | | | | |
| ***.50 probability is % orders establishing a new trunk group.*** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.11.2 TRUNK GROUP, FIRST (con't)*** | | | | | | | | |
| PERFORM TEST CALL | 5 | 0.500 | | | | 2.50 | $41.45 | $1.73 |
| COMPLETE WORK ITEM IN WORK FORCE ADMINISTRATION - DISPATCH MODULE (WFA- | 5 | 0.500 | | | | 2.50 | $41.45 | $1.73 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP*** | | | | | | **5.00** | | **$3.45** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| COMPLETE PERFORMANCE TESTING | 45 | 1.000 | | | | 45.00 | $43.81 | $32.86 |
| NOTIFY CO-PROVIDER OF WORK COMPLETION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST ORDER COMPLETE IN WORK FORCE ADMINISTRATION - CONTROL MODULE (WFA | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ANALYSIS OF REQUEST TO DETERMINE TYPE OF SERVICE, DESIRED SERVICE LEVEL, | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VERIFY EXISTING ACCOUNT ACTIVITY AND OBTAIN CLOSING BILL INFORMATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| CHECK FOR SERVICE ORDER ACCESS CONTROLLER (SOAC) ERRORS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ORDER COMPLETION | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ISSUE SERVICE ORDER | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **22.00** | | **$14.68** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .95) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and Validate Work Authorization (manual orders) | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| Build and Validate Work Authorization (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and verify Circuit Design (CD) (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) FOR ORDER ACC | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CO-PROVIDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE ORDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.2 TRUNK GROUP, FIRST (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **226.17** | | **$157.23** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.11.2 TRUNK GROUP, FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 9857 | **Direct Cost** | | | | $157.23 |
| 9858 | | | | | |
| 9859 | | Cost Calculation | | Cost Factor | Cost |
| 9860 | | B | C | D | E |
| 9861 | | | | | |
| 9862 | ***Directly Assigned*** | | | | |
| 9863 | Product Management Expense | D9863*E9857 | | 0.025565 | $4.02 |
| 9864 | Sales Expense | D9864*E9857 | | 0.009225 | $1.45 |
| 9865 | Product Advertising Expense | D9865*E9857 | | 0.000000 | $0.00 |
| 9866 | Business Fees (Other Operating Taxes) | D9866*Sum(E9857:E9865) | | 0.002025 | $0.33 |
| 9867 | ***Directly Assigned Costs*** | Sum(E9857:E9866) | | | $5.80 |
| 9868 | | | | | |
| 9869 | ***Total Direct Costs*** | E9857+E9867 | | | $163.03 |
| 9870 | | | | | |
| 9871 | ***Directly Attributed*** | | | | |
| 9872 | Network Operations | D9872*E9869 | | 0.040880 | $6.66 |
| 9873 | Network Support Assets | D9873*E9869 | | 0.015364 | $2.50 |
| 9874 | General Support Assets | D9874*E9869 | | 0.069508 | $11.33 |
| 9875 | General Purpose Computers | D9875*E9869 | | 0.034714 | $5.66 |
| 9876 | Uncollectible | D9876*E9869 | | 0.000401 | $0.07 |
| 9877 | Accounting & Finance Expense | D9877*E9869 | | 0.008839 | $1.44 |
| 9878 | Human Resources Expense | D9878*E9869 | | 0.008145 | $1.33 |
| 9879 | Information Management Expense | D9879*E9869 | | 0.057009 | $9.29 |
| 9880 | Intangibles | D9880*E9869 | | 0.002091 | $0.34 |
| 9881 | ***Directly Attributed Costs*** | Sum(E9872:E9880) | | | $38.63 |
| 9882 | | | | | |
| 9883 | ***TELRIC*** | E9872+E9881 | | | $201.66 |
| 9884 | | | | | |
| 9885 | ***Common*** | | | | |
| 9886 | Executive Expense | D9886*E9883 | | 0.007805 | $1.57 |
| 9887 | Planning Expense | D9887*E9883 | | 0.000580 | $0.12 |
| 9888 | External Relations Expense | D9888*E9883 | | 0.013029 | $2.63 |
| 9889 | Legal Expense | D9889*E9883 | | 0.006148 | $1.24 |
| 9890 | Other Procurement Expense | D9890*E9883 | | 0.002359 | $0.48 |
| 9891 | Research & Development Expense | D9891*E9883 | | 0.000036 | $0.01 |
| 9892 | Other General and Admin Expense | D9892*E9883 | | 0.015212 | $3.07 |
| 9893 | ***Common Costs*** | Sum(E9886:E9892) | | | $9.11 |
| 9894 | | | | | |
| 9895 | ***TELRIC + Common Costs*** | E9883+E9893 | | | $210.77 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.11.3 MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION (WFA) FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE PERFORMANCE TESTING | 6 | 1.000 | | | | 6.00 | $43.81 | $4.38 |
| POST ORDER COMPLETE IN WORK FORCE ADMINISTRATION - CONTROL MODULE (WFA | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **12.00** | | **$8.76** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Perform TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN*** | | | | | | **1.39** | | **$1.03** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) FOR ORDER ACC | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE ORDER IN WORK FORCE ADMINISTRATION-CONTROL MODULE (WFA-C) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **10.00** | | **$7.30** |
| **-DESIGN** | | | | | | | | |
| ***Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and Validate Work Authorization (manual orders) | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| Build and Validate Work Authorization (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and verify circuit design (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Build and verify circuit design (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.3 MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK (con't)*** | | | | | | | | |
| ***Subtotal - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| ***Total For Service:*** | | | | | | **24.17** | | **$17.67** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.11.3 MESSAGE TRUNK GROUP - EACH ADDITIONAL TRUNK (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 9992 | **Direct Cost** | | | | | $17.67 |
| 9993 | | | | | | |
| 9994 | | Cost Calculation | | Cost Factor | Cost | |
| 9995 | | B | C | D | E | |
| 9996 | | | | | | |
| 9997 | ***Directly Assigned*** | | | | | |
| 9998 | Product Management Expense | D9998*E9992 | | 0.025565 | $0.45 | |
| 9999 | Sales Expense | D9999*E9992 | | 0.009225 | $0.16 | |
| 10000 | Product Advertising Expense | D10000*E9992 | | 0.000000 | $0.00 | |
| 10001 | Business Fees (Other Operating Taxes) | D10001*Sum(E9992:E10000) | | 0.002025 | $0.04 | |
| 10002 | ***Directly Assigned Costs*** | Sum(E9992:E10001) | | | $0.65 | |
| 10003 | | | | | | |
| 10004 | ***Total Direct Costs*** | E9992+E10002 | | | $18.32 | |
| 10005 | | | | | | |
| 10006 | ***Directly Attributed*** | | | | | |
| 10007 | Network Operations | D10007*E10004 | | 0.040880 | $0.75 | |
| 10008 | Network Support Assets | D10008*E10004 | | 0.015364 | $0.28 | |
| 10009 | General Support Assets | D10009*E10004 | | 0.069508 | $1.27 | |
| 10010 | General Purpose Computers | D10010*E10004 | | 0.034714 | $0.64 | |
| 10011 | Uncollectible | D10011*E10004 | | 0.000401 | $0.01 | |
| 10012 | Accounting & Finance Expense | D10012*E10004 | | 0.008839 | $0.16 | |
| 10013 | Human Resources Expense | D10013*E10004 | | 0.008145 | $0.15 | |
| 10014 | Information Management Expense | D10014*E10004 | | 0.057009 | $1.04 | |
| 10015 | Intangibles | D10015*E10004 | | 0.002091 | $0.04 | |
| 10016 | ***Directly Attributed Costs*** | Sum(E10007:E10015) | | | $4.34 | |
| 10017 | | | | | | |
| 10018 | ***TELRIC*** | E10007+E10016 | | | $22.66 | |
| 10019 | | | | | | |
| 10020 | ***Common*** | | | | | |
| 10021 | Executive Expense | D10021*E10018 | | 0.007805 | $0.18 | |
| 10022 | Planning Expense | D10022*E10018 | | 0.000580 | $0.01 | |
| 10023 | External Relations Expense | D10023*E10018 | | 0.013029 | $0.30 | |
| 10024 | Legal Expense | D10024*E10018 | | 0.006148 | $0.14 | |
| 10025 | Other Procurement Expense | D10025*E10018 | | 0.002359 | $0.05 | |
| 10026 | Research & Development Expense | D10026*E10018 | | 0.000036 | $0.00 | |
| 10027 | Other General and Admin Expense | D10027*E10018 | | 0.015212 | $0.34 | |
| 10028 | ***Common Costs*** | Sum(E10021:E10027) | | | $1.02 | |
| 10029 | | | | | | |
| 10030 | ***TELRIC + Common Costs*** | E10018+E10028 | | | $23.68 | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ANALOG LINESIDE PORT FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ISC)** | | | | | | | | |
| ***.05, .5, .6, .05 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 2 | 0.050 | | | | 0.10 | $40.03 | $0.07 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| If directory advertising or retail contract or both, issue order to remove information from account | 2 | 0.500 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.050 | | | | 0.25 | $40.03 | $0.17 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ISC)*** | | | | | | **37.35** | | **$24.92** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER (CORAC)** | | | | | | | | |
| ***.15 probability is % orders that require manual dispatch.*** | | | | | | | | |
| ***.03 probability is % orders when workitem performed in unmanned office.*** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ANALOG LINESIDE PORT FIRST (con't)*** | | | | | | | | |
| Screen order | 2 | 0.150 | | | | 0.30 | $37.78 | $0.19 |
| Load work request to technician | 5 | 0.150 | | | | 0.75 | $37.78 | $0.47 |
| Close out work request with technician | 3 | 0.150 | 0.030 | | | 0.01 | $37.78 | $0.01 |
| ***Subtotal - CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER (CORAC)*** | | | | | | **1.06** | | **$0.67** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is for cross-connects placed at Main Distributing Frame and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross connect | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| Dial Tone and AIN test | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete work request with CCT-I (Customer Communication Technician-Implementor) | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| Post work request complete in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **19.00** | | **$13.87** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Verify LNO completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Test Circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **45.00** | | **$32.86** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER (ISC)** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER (ISC)*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ANALOG LINESIDE PORT FIRST (con't)*** | | | | | | | | |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is for cross-connects removed at Main Distributing Frame and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove cross-connect | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.60** | | **$8.47** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **165.51** | | **$116.57** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ANALOG LINESIDE PORT FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 10172 | **Direct Cost** | | | $116.57 |
| 10173 | | | | |
| 10174 | | | | |
| 10175 | | | | |
| 10176 | | | | |
| 10177 | ***Directly Assigned*** | | | |
| 10178 | Product Management Expense | D10178*E10172 | 0.025565 | $2.98 |
| 10179 | Sales Expense | D10179*E10172 | 0.009225 | $1.08 |
| 10180 | Product Advertising Expense | D10180*E10172 | 0.000000 | $0.00 |
| 10181 | Business Fees (Other Operating Taxes) | D10181*Sum(E10172:E10180) | 0.002025 | $0.24 |
| 10182 | ***Directly Assigned Costs*** | Sum(E10172:E10181) | | $4.30 |
| 10183 | | | | |
| 10184 | ***Total Direct Costs*** | E10172+E10182 | | $120.87 |
| 10185 | | | | |
| 10186 | ***Directly Attributed*** | | | |
| 10187 | Network Operations | D10187*E10184 | 0.040880 | $4.94 |
| 10188 | Network Support Assets | D10188*E10184 | 0.015364 | $1.86 |
| 10189 | General Support Assets | D10189*E10184 | 0.069508 | $8.40 |
| 10190 | General Purpose Computers | D10190*E10184 | 0.034714 | $4.20 |
| 10191 | Uncollectible | D10191*E10184 | 0.000401 | $0.05 |
| 10192 | Accounting & Finance Expense | D10192*E10184 | 0.008839 | $1.07 |
| 10193 | Human Resources Expense | D10193*E10184 | 0.008145 | $0.98 |
| 10194 | Information Management Expense | D10194*E10184 | 0.057009 | $6.89 |
| 10195 | Intangibles | D10195*E10184 | 0.002091 | $0.25 |
| 10196 | ***Directly Attributed Costs*** | Sum(E10187:E10195) | | $28.64 |
| 10197 | | | | |
| 10198 | ***TELRIC*** | E10187+E10196 | | $149.51 |
| 10199 | | | | |
| 10200 | ***Common*** | | | |
| 10201 | Executive Expense | D10201*E10198 | 0.007805 | $1.17 |
| 10202 | Planning Expense | D10202*E10198 | 0.000580 | $0.09 |
| 10203 | External Relations Expense | D10203*E10198 | 0.013029 | $1.95 |
| 10204 | Legal Expense | D10204*E10198 | 0.006148 | $0.92 |
| 10205 | Other Procurement Expense | D10205*E10198 | 0.002359 | $0.35 |
| 10206 | Research & Development Expense | D10206*E10198 | 0.000036 | $0.01 |
| 10207 | Other General and Admin Expense | D10207*E10198 | 0.015212 | $2.27 |
| 10208 | ***Common Costs*** | Sum(E10201:E10207) | | $6.75 |
| 10209 | | | | |
| 10210 | ***TELRIC + Common Costs*** | E10198+E10208 | | $156.26 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ANALOG LINESIDE PORT EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.6, .08 probabilities is percent of time this activity will occur.*** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.080 | | | | 0.08 | $40.03 | $0.05 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **11.68** | | **$7.79** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 1 | 0.200 | | | | 0.20 | $44.31 | $0.15 |
| GOC (Generic Order Control) order log | 2 | 0.200 | | | | 0.40 | $44.31 | $0.30 |
| Enter WA (Work Authorization) mask | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Prepare loop input/DRI (Design Related Information) | 2 | 0.200 | | | | 0.40 | $44.31 | $0.30 |
| Circuit design | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute WORD (Work Order Record Detail) document | 1 | 0.050 | | | | 0.05 | $44.31 | $0.04 |
| ***Subtotal - DESIGN*** | | | | | | **1.45** | | **$1.07** |
| **-CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER (CORAC)** | | | | | | | | |
| ***.15 probability is % orders that require manual dispatch.*** | | | | | | | | |
| ***.03 probability is % orders when workitem performed in unmanned office.*** | | | | | | | | |
| Screen order | 2 | 0.150 | | | | 0.30 | $37.78 | $0.19 |
| Load work request to technician | 5 | 0.150 | | | | 0.75 | $37.78 | $0.47 |
| Close out work request with technician | 3 | 0.150 | 0.030 | | | 0.01 | $37.78 | $0.01 |
| ***Subtotal - CENTRAL OFFICE RESOURCE ADMINISTRATION CENTER (CORAC)*** | | | | | | **1.06** | | **$0.67** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is for cross-connects placed at Main Distributing Frame and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross connect | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ANALOG LINESIDE PORT EACH ADDITIONAL (con't)*** | | | | | | | | |
| Dial Tone and AIN test | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete work request with CCT-I (Customer Communication Technician-Implementor) | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Post work request complete in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **17.00** | | **$12.41** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Verify LNO completion | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Test Circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify customer | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete circuit in WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **32.00** | | **$23.37** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 1 | 0.100 | | | | 0.10 | $44.31 | $0.07 |
| GOC (Generic Order Control) order log | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Enter WA (Work Authorization) mask | 1 | 0.100 | | | | 0.10 | $44.31 | $0.07 |
| Disconnect circuit | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute WORD (Work Order Record Detail) document | 1 | 0.050 | | | | 0.05 | $44.31 | $0.04 |
| ***Subtotal - DESIGN*** | | | | | | **0.65** | | **$0.48** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is for cross-connects removed at Main Distributing Frame and Interconnect Distribution Frame.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove cross-connect | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **11.60** | | **$8.47** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ANALOG LINESIDE PORT EACH ADDITIONAL (con't)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **11.00** | | **$8.03** |
| ***Total For Service:*** | | | | | | **101.94** | | **$72.47** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ANALOG LINESIDE PORT EACH ADDITIONAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 10352 | **Direct Cost** | | | | $72.47 |
| 10353 | | | | | |
| 10354 | | Cost Calculation | | Cost Factor | Cost |
| 10355 | | | | | |
| 10356 | | B | C | D | E |
| 10357 | ***Directly Assigned*** | | | | |
| 10358 | Product Management Expense | D10358*E10352 | | 0.025565 | $1.85 |
| 10359 | Sales Expense | D10359*E10352 | | 0.009225 | $0.67 |
| 10360 | Product Advertising Expense | D10360*E10352 | | 0.000000 | $0.00 |
| 10361 | Business Fees (Other Operating Taxes) | D10361*Sum(E10352:E10360) | | 0.002025 | $0.15 |
| 10362 | ***Directly Assigned Costs*** | Sum(E10352:E10361) | | | $2.67 |
| 10363 | | | | | |
| 10364 | ***Total Direct Costs*** | E10352+E10362 | | | $75.14 |
| 10365 | | | | | |
| 10366 | ***Directly Attributed*** | | | | |
| 10367 | Network Operations | D10367*E10364 | | 0.040880 | $3.07 |
| 10368 | Network Support Assets | D10368*E10364 | | 0.015364 | $1.15 |
| 10369 | General Support Assets | D10369*E10364 | | 0.069508 | $5.22 |
| 10370 | General Purpose Computers | D10370*E10364 | | 0.034714 | $2.61 |
| 10371 | Uncollectible | D10371*E10364 | | 0.000401 | $0.03 |
| 10372 | Accounting & Finance Expense | D10372*E10364 | | 0.008839 | $0.66 |
| 10373 | Human Resources Expense | D10373*E10364 | | 0.008145 | $0.61 |
| 10374 | Information Management Expense | D10374*E10364 | | 0.057009 | $4.28 |
| 10375 | Intangibles | D10375*E10364 | | 0.002091 | $0.16 |
| 10376 | ***Directly Attributed Costs*** | Sum(E10367:E10375) | | | $17.80 |
| 10377 | | | | | |
| 10378 | ***TELRIC*** | E10367+E10376 | | | $92.94 |
| 10379 | | | | | |
| 10380 | ***Common*** | | | | |
| 10381 | Executive Expense | D10381*E10378 | | 0.007805 | $0.73 |
| 10382 | Planning Expense | D10382*E10378 | | 0.000580 | $0.05 |
| 10383 | External Relations Expense | D10383*E10378 | | 0.013029 | $1.21 |
| 10384 | Legal Expense | D10384*E10378 | | 0.006148 | $0.57 |
| 10385 | Other Procurement Expense | D10385*E10378 | | 0.002359 | $0.22 |
| 10386 | Research & Development Expense | D10386*E10378 | | 0.000036 | $0.00 |
| 10387 | Other General and Admin Expense | D10387*E10378 | | 0.015212 | $1.41 |
| 10388 | ***Common Costs*** | Sum(E10381:E10387) | | | $4.20 |
| 10389 | | | | | |
| 10390 | ***TELRIC + Common Costs*** | E10378+E10388 | | | $97.14 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.1.3 CENTREX COMMON EQUIPMENT*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC - COMPLEX TRANSLATIONS | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| COMMON EQUIPMENT - 5E | 215 | 0.660 | | | | 141.90 | $41.45 | $98.03 |
| COMMON EQUIPMENT - 5E | 195 | 0.660 | | | | 128.70 | $41.45 | $88.91 |
| COMMON EQUIPMENT - DMS | 350 | 0.340 | | | | 119.00 | $41.45 | $82.21 |
| COMMON EQUIPMENT - DMS | 595 | 0.340 | | | | 202.30 | $41.45 | $139.76 |
| AUTOMATIC CALLBACK - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| AUTOMATIC CALLBACK - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| AUTOMATIC CALLBACK - DMS | 15 | 0.340 | | | | 5.10 | $41.45 | $3.52 |
| AUTOMATIC CALLBACK - DMS | 15 | 0.340 | | | | 5.10 | $41.45 | $3.52 |
| CALL FORWARDING - BUSY LINE - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| CALL FORWARDING - BUSY LINE - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| CALL FORWARDING - DON'T ANSWER - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| CALL FORWARDING - DON'T ANSWER - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| CALL FORWARDING - DON'T ANSWER - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| CALL FORWARDING - DON'T ANSWER - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| CALL FORWARDING - VARIABLE - 5E | 7 | 0.660 | | | | 4.62 | $41.45 | $3.19 |
| CALL FORWARDING - VARIABLE - 5E | 7 | 0.660 | | | | 4.62 | $41.45 | $3.19 |
| CALL FORWARDING - VARIABLE - DMS | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| CALL FORWARDING - VARIABLE - DMS | 25 | 0.340 | | | | 8.50 | $41.45 | $5.87 |
| CALL HOLD - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL HOLD - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL HOLD - DMS | 5 | 0.340 | | | | 1.70 | $41.45 | $1.17 |
| CALL HOLD - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| CALL PARK - 5E | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| CALL PARK - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL PARK - DMS | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| CALL PARK - DMS | 25 | 0.340 | | | | 8.50 | $41.45 | $5.87 |
| CALL PICKUP - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL PICKUP - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - DMS | 25 | 0.340 | | | | 8.50 | $41.45 | $5.87 |
| CALL WAITING - CANCEL CALL WAITING - ORIGINATING, TERMINATING - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| CONFERENCE CALLING - 3 WAY - 5E | 7 | 0.660 | | | | 4.62 | $41.45 | $3.19 |
| CONFERENCE CALLING - 3 WAY - 5E | 7 | 0.660 | | | | 4.62 | $41.45 | $3.19 |
| CONFERENCE CALLING - 6 WAY - 5E | 25 | 0.660 | | | | 16.50 | $41.45 | $11.40 |
| CONFERENCE CALLING - 6 WAY - 5E | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| CONFERENCE CALLING - 6 WAY - DMS | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| CONFERENCE CALLING - 6 WAY - DMS | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.11.1.3 CENTREX COMMON EQUIPMENT (con't)*** | | | | | | | | |
| DATA CALL PROTECTION - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| DATA CALL PROTECTION - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| DATA CALL PROTECTION - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| DATA CALL PROTECTION - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| DISTINCTIVE CALL WAITING TONE - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| DISTINCTIVE CALL WAITING TONE - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| EXECUTIVE BUSY OVERRIDE - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| EXECUTIVE BUSY OVERRIDE - DMS | 40 | 0.340 | | | | 13.60 | $41.45 | $9.40 |
| HUNTING (MLHG, CIRCULAR HUNTING, SERIES COMPLETION) - DMS | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| HUNTING (MLHG, CIRCULAR HUNTING, SERIES COMPLETION) - DMS | 40 | 0.340 | | | | 13.60 | $41.45 | $9.40 |
| INTRASYSTEM CALLING - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| INTRASYSTEM CALLING - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| LAST NUMBER REDIAL - 5E | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| LAST NUMBER REDIAL - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| LINE RESTRICTIONS - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| LINE RESTRICTIONS - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| MAKE SET BUSY - DMS | 5 | 0.340 | | | | 1.70 | $41.45 | $1.17 |
| MAKE SET BUSY - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| NETWORK SPEED CALL - DMS | 135 | 0.340 | | | | 45.90 | $41.45 | $31.71 |
| NETWORK SPEED CALL - DMS | 150 | 0.340 | | | | 51.00 | $41.45 | $35.23 |
| OUTGOING TRUNK QUEUING - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| OUTGOING TRUNK QUEUING - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| OUTGOING TRUNK QUEUING - DMS | 60 | 0.340 | | | | 20.40 | $41.45 | $14.09 |
| OUTGOING TRUNK QUEUING - DMS | 65 | 0.340 | | | | 22.10 | $41.45 | $15.27 |
| SPEED CALLING - 1 & 2 DIGIT - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| SPEED CALLING - 1 & 2 DIGIT - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| SPEED CALLING - 1 & 2 DIGIT - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| SPEED CALLING - 1 & 2 DIGIT - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| THREE WAY CALLING/CONSULATION HOLD/CALL TRANSFER - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| THREE WAY CALLING/CONSULATION HOLD/CALL TRANSFER - DMS | 15 | 0.340 | | | | 5.10 | $41.45 | $3.52 |
| TRUNK ANSWER ANY STATION (NIGHT SERVICE) - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| TRUNK ANSWER ANY STATION (NIGHT SERVICE) - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| TRUNK ANSWER ANY STATION (NIGHT SERVICE) - DMS | 35 | 0.340 | | | | 11.90 | $41.45 | $8.22 |
| TRUNK ANSWER ANY STATION (NIGHT SERVICE) - DMS | 40 | 0.340 | | | | 13.60 | $41.45 | $9.40 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS*** | | | | | | **1,259.68** | | **$870.23** |
| ***Total For Service:*** | | | | | | **1,259.68** | | **$870.23** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.11.1.3 CENTREX COMMON EQUIPMENT (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 10487 | **Direct Cost** | | | | $870.23 |
| 10488 | | | | | |
| 10489 | | | | | |
| 10490 | | | | | |
| 10491 | | | | | |
| 10492 | ***Directly Assigned*** | | | | |
| 10493 | Product Management Expense | D10493*E10487 | | 0.025565 | $22.25 |
| 10494 | Sales Expense | D10494*E10487 | | 0.009225 | $8.03 |
| 10495 | Product Advertising Expense | D10495*E10487 | | 0.000000 | $0.00 |
| 10496 | Business Fees (Other Operating Taxes) | D10496*Sum(E10487:E10495) | | 0.002025 | $1.82 |
| 10497 | ***Directly Assigned Costs*** | Sum(E10487:E10496) | | | $32.10 |
| 10498 | | | | | |
| 10499 | ***Total Direct Costs*** | E10487+E10497 | | | $902.33 |
| 10500 | | | | | |
| 10501 | ***Directly Attributed*** | | | | |
| 10502 | Network Operations | D10502*E10499 | | 0.040880 | $36.89 |
| 10503 | Network Support Assets | D10503*E10499 | | 0.015364 | $13.86 |
| 10504 | General Support Assets | D10504*E10499 | | 0.069508 | $62.72 |
| 10505 | General Purpose Computers | D10505*E10499 | | 0.034714 | $31.32 |
| 10506 | Uncollectible | D10506*E10499 | | 0.000401 | $0.36 |
| 10507 | Accounting & Finance Expense | D10507*E10499 | | 0.008839 | $7.98 |
| 10508 | Human Resources Expense | D10508*E10499 | | 0.008145 | $7.35 |
| 10509 | Information Management Expense | D10509*E10499 | | 0.057009 | $51.44 |
| 10510 | Intangibles | D10510*E10499 | | 0.002091 | $1.89 |
| 10511 | ***Directly Attributed Costs*** | Sum(E10502:E10510) | | | $213.81 |
| 10512 | | | | | |
| 10513 | ***TELRIC*** | E10502+E10511 | | | $1,116.14 |
| 10514 | | | | | |
| 10515 | ***Common*** | | | | |
| 10516 | Executive Expense | D10516*E10513 | | 0.007805 | $8.71 |
| 10517 | Planning Expense | D10517*E10513 | | 0.000580 | $0.65 |
| 10518 | External Relations Expense | D10518*E10513 | | 0.013029 | $14.54 |
| 10519 | Legal Expense | D10519*E10513 | | 0.006148 | $6.86 |
| 10520 | Other Procurement Expense | D10520*E10513 | | 0.002359 | $2.63 |
| 10521 | Research & Development Expense | D10521*E10513 | | 0.000036 | $0.04 |
| 10522 | Other General and Admin Expense | D10522*E10513 | | 0.015212 | $16.98 |
| 10523 | ***Common Costs*** | Sum(E10516:E10522) | | | $50.41 |
| 10524 | | | | | |
| 10525 | ***TELRIC + Common Costs*** | E10513+E10523 | | | $1,166.55 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ACCOUNT CODES, PER SYSTEM*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| Maintenance - sw1 | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| Administration - sw2 | 60 | 0.340 | | | | 20.40 | $41.45 | $14.09 |
| Maintenance - sw2 | 105 | 0.340 | | | | 35.70 | $41.45 | $24.66 |
| ***Subtotal - NROC*** | | | | | | **82.50** | | **$56.99** |
| ***Total For Service:*** | | | | | | **83.50** | | **$57.72** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ACCOUNT CODES, PER SYSTEM (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 10577 | **Direct Cost** | | | | $57.72 |
| 10578 | | | | | |
| 10579 | | | | | |
| 10580 | | | | | |
| 10581 | | | | | |
| 10582 | ***Directly Assigned*** | | | | |
| 10583 | Product Management Expense | D10583*E10577 | | 0.025565 | $1.48 |
| 10584 | Sales Expense | D10584*E10577 | | 0.009225 | $0.53 |
| 10585 | Product Advertising Expense | D10585*E10577 | | 0.000000 | $0.00 |
| 10586 | Business Fees (Other Operating Taxes) | D10586*Sum(E10577:E10585) | | 0.002025 | $0.12 |
| 10587 | ***Directly Assigned Costs*** | Sum(E10577:E10586) | | | $2.13 |
| 10588 | | | | | |
| 10589 | ***Total Direct Costs*** | E10577+E10587 | | | $59.85 |
| 10590 | | | | | |
| 10591 | ***Directly Attributed*** | | | | |
| 10592 | Network Operations | D10592*E10589 | | 0.040880 | $2.45 |
| 10593 | Network Support Assets | D10593*E10589 | | 0.015364 | $0.92 |
| 10594 | General Support Assets | D10594*E10589 | | 0.069508 | $4.16 |
| 10595 | General Purpose Computers | D10595*E10589 | | 0.034714 | $2.08 |
| 10596 | Uncollectible | D10596*E10589 | | 0.000401 | $0.02 |
| 10597 | Accounting & Finance Expense | D10597*E10589 | | 0.008839 | $0.53 |
| 10598 | Human Resources Expense | D10598*E10589 | | 0.008145 | $0.49 |
| 10599 | Information Management Expense | D10599*E10589 | | 0.057009 | $3.41 |
| 10600 | Intangibles | D10600*E10589 | | 0.002091 | $0.13 |
| 10601 | ***Directly Attributed Costs*** | Sum(E10592:E10600) | | | $14.18 |
| 10602 | | | | | |
| 10603 | ***TELRIC*** | E10592+E10601 | | | $74.04 |
| 10604 | | | | | |
| 10605 | ***Common*** | | | | |
| 10606 | Executive Expense | D10606*E10603 | | 0.007805 | $0.58 |
| 10607 | Planning Expense | D10607*E10603 | | 0.000580 | $0.04 |
| 10608 | External Relations Expense | D10608*E10603 | | 0.013029 | $0.96 |
| 10609 | Legal Expense | D10609*E10603 | | 0.006148 | $0.46 |
| 10610 | Other Procurement Expense | D10610*E10603 | | 0.002359 | $0.17 |
| 10611 | Research & Development Expense | D10611*E10603 | | 0.000036 | $0.00 |
| 10612 | Other General and Admin Expense | D10612*E10603 | | 0.015212 | $1.13 |
| 10613 | ***Common Costs*** | Sum(E10606:E10612) | | | $3.34 |
| 10614 | | | | | |
| 10615 | ***TELRIC + Common Costs*** | E10603+E10613 | | | $77.38 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ATTENDANT ACCESS LINE - PER STATION LINE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is average number of lines (200 lines in a system)*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 15 | 0.005 | 0.660 | | | 0.05 | $41.45 | $0.03 |
| Maintenance - sw1 | 15 | 0.005 | 0.660 | | | 0.05 | $41.45 | $0.03 |
| Administration - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| Maintenance - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| ***Subtotal - NROC*** | | | | | | **0.15** | | **$0.10** |
| ***Total For Service:*** | | | | | | **1.15** | | **$0.83** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ATTENDANT ACCESS LINE - PER STATION LINE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 10667 | **Direct Cost** | | | | $0.83 |
| 10668 | | | | | |
| 10669 | | Cost Calculation | | Cost Factor | Cost |
| 10670 | | B | C | D | E |
| 10671 | | | | | |
| 10672 | ***Directly Assigned*** | | | | |
| 10673 | Product Management Expense | D10673*E10667 | | 0.025565 | $0.02 |
| 10674 | Sales Expense | D10674*E10667 | | 0.009225 | $0.01 |
| 10675 | Product Advertising Expense | D10675*E10667 | | 0.000000 | $0.00 |
| 10676 | Business Fees (Other Operating Taxes) | D10676*Sum(E10667:E10675) | | 0.002025 | $0.00 |
| 10677 | ***Directly Assigned Costs*** | Sum(E10667:E10676) | | | $0.03 |
| 10678 | | | | | |
| 10679 | ***Total Direct Costs*** | E10667+E10677 | | | $0.86 |
| 10680 | | | | | |
| 10681 | ***Directly Attributed*** | | | | |
| 10682 | Network Operations | D10682*E10679 | | 0.040880 | $0.04 |
| 10683 | Network Support Assets | D10683*E10679 | | 0.015364 | $0.01 |
| 10684 | General Support Assets | D10684*E10679 | | 0.069508 | $0.06 |
| 10685 | General Purpose Computers | D10685*E10679 | | 0.034714 | $0.03 |
| 10686 | Uncollectible | D10686*E10679 | | 0.000401 | $0.00 |
| 10687 | Accounting & Finance Expense | D10687*E10679 | | 0.008839 | $0.01 |
| 10688 | Human Resources Expense | D10688*E10679 | | 0.008145 | $0.01 |
| 10689 | Information Management Expense | D10689*E10679 | | 0.057009 | $0.05 |
| 10690 | Intangibles | D10690*E10679 | | 0.002091 | $0.00 |
| 10691 | ***Directly Attributed Costs*** | Sum(E10682:E10690) | | | $0.20 |
| 10692 | | | | | |
| 10693 | ***TELRIC*** | E10682+E10691 | | | $1.07 |
| 10694 | | | | | |
| 10695 | ***Common*** | | | | |
| 10696 | Executive Expense | D10696*E10693 | | 0.007805 | $0.01 |
| 10697 | Planning Expense | D10697*E10693 | | 0.000580 | $0.00 |
| 10698 | External Relations Expense | D10698*E10693 | | 0.013029 | $0.01 |
| 10699 | Legal Expense | D10699*E10693 | | 0.006148 | $0.01 |
| 10700 | Other Procurement Expense | D10700*E10693 | | 0.002359 | $0.00 |
| 10701 | Research & Development Expense | D10701*E10693 | | 0.000036 | $0.00 |
| 10702 | Other General and Admin Expense | D10702*E10693 | | 0.015212 | $0.02 |
| 10703 | ***Common Costs*** | Sum(E10696:E10702) | | | $0.05 |
| 10704 | | | | | |
| 10705 | ***TELRIC + Common Costs*** | E10693+E10703 | | | $1.12 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***AUDIBLE MESSAGE WAITING*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| ***Total For Service:*** | | | | | | **1.00** | | **$0.73** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***AUDIBLE MESSAGE WAITING (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 10757 | **Direct Cost** | | | | $0.73 |
| 10758 | | | | | |
| 10759 | | Cost Calculation | | Cost Factor | Cost |
| 10760 | | B | C | D | E |
| 10761 | | | | | |
| 10762 | ***Directly Assigned*** | | | | |
| 10763 | Product Management Expense | D10763*E10757 | | 0.025565 | $0.02 |
| 10764 | Sales Expense | D10764*E10757 | | 0.009225 | $0.01 |
| 10765 | Product Advertising Expense | D10765*E10757 | | 0.000000 | $0.00 |
| 10766 | Business Fees (Other Operating Taxes) | D10766*Sum(E10757:E10765) | | 0.002025 | $0.00 |
| 10767 | ***Directly Assigned Costs*** | Sum(E10757:E10766) | | | $0.03 |
| 10768 | | | | | |
| 10769 | ***Total Direct Costs*** | E10757+E10767 | | | $0.76 |
| 10770 | | | | | |
| 10771 | ***Directly Attributed*** | | | | |
| 10772 | Network Operations | D10772*E10769 | | 0.040880 | $0.03 |
| 10773 | Network Support Assets | D10773*E10769 | | 0.015364 | $0.01 |
| 10774 | General Support Assets | D10774*E10769 | | 0.069508 | $0.05 |
| 10775 | General Purpose Computers | D10775*E10769 | | 0.034714 | $0.03 |
| 10776 | Uncollectible | D10776*E10769 | | 0.000401 | $0.00 |
| 10777 | Accounting & Finance Expense | D10777*E10769 | | 0.008839 | $0.01 |
| 10778 | Human Resources Expense | D10778*E10769 | | 0.008145 | $0.01 |
| 10779 | Information Management Expense | D10779*E10769 | | 0.057009 | $0.04 |
| 10780 | Intangibles | D10780*E10769 | | 0.002091 | $0.00 |
| 10781 | ***Directly Attributed Costs*** | Sum(E10772:E10780) | | | $0.18 |
| 10782 | | | | | |
| 10783 | ***TELRIC*** | E10772+E10781 | | | $0.94 |
| 10784 | | | | | |
| 10785 | ***Common*** | | | | |
| 10786 | Executive Expense | D10786*E10783 | | 0.007805 | $0.01 |
| 10787 | Planning Expense | D10787*E10783 | | 0.000580 | $0.00 |
| 10788 | External Relations Expense | D10788*E10783 | | 0.013029 | $0.01 |
| 10789 | Legal Expense | D10789*E10783 | | 0.006148 | $0.01 |
| 10790 | Other Procurement Expense | D10790*E10783 | | 0.002359 | $0.00 |
| 10791 | Research & Development Expense | D10791*E10783 | | 0.000036 | $0.00 |
| 10792 | Other General and Admin Expense | D10792*E10783 | | 0.015212 | $0.01 |
| 10793 | ***Common Costs*** | Sum(E10786:E10792) | | | $0.04 |
| 10794 | | | | | |
| 10795 | ***TELRIC + Common Costs*** | E10783+E10793 | | | $0.98 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***AUTHORIZATION CODES - PER SYSTEM*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| -NROC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 150 | 0.660 | | | | 99.00 | $41.45 | $68.39 |
| Maintenance - sw1 | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| Administration - sw2 | 70 | 0.340 | | | | 23.80 | $41.45 | $16.44 |
| Maintenance - sw2 | 100 | 0.340 | | | | 34.00 | $41.45 | $23.49 |
| ***Subtotal - NROC*** | | | | | | **249.20** | | **$172.16** |
| ***Total For Service:*** | | | | | | **249.86** | | **$172.64** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***AUTHORIZATION CODES - PER SYSTEM (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 10847 | **Direct Cost** | | | | $172.64 |
| 10848 | | | | | |
| 10849 | | Cost Calculation | | Cost Factor | Cost |
| 10850 | | B | C | D | E |
| 10851 | | | | | |
| 10852 | ***Directly Assigned*** | | | | |
| 10853 | Product Management Expense | D10853*E10847 | | 0.025565 | $4.41 |
| 10854 | Sales Expense | D10854*E10847 | | 0.009225 | $1.59 |
| 10855 | Product Advertising Expense | D10855*E10847 | | 0.000000 | $0.00 |
| 10856 | Business Fees (Other Operating Taxes) | D10856*Sum(E10847:E10855) | | 0.002025 | $0.36 |
| 10857 | ***Directly Assigned Costs*** | Sum(E10847:E10856) | | | $6.37 |
| 10858 | | | | | |
| 10859 | ***Total Direct Costs*** | E10847+E10857 | | | $179.01 |
| 10860 | | | | | |
| 10861 | ***Directly Attributed*** | | | | |
| 10862 | Network Operations | D10862*E10859 | | 0.040880 | $7.32 |
| 10863 | Network Support Assets | D10863*E10859 | | 0.015364 | $2.75 |
| 10864 | General Support Assets | D10864*E10859 | | 0.069508 | $12.44 |
| 10865 | General Purpose Computers | D10865*E10859 | | 0.034714 | $6.21 |
| 10866 | Uncollectible | D10866*E10859 | | 0.000401 | $0.07 |
| 10867 | Accounting & Finance Expense | D10867*E10859 | | 0.008839 | $1.58 |
| 10868 | Human Resources Expense | D10868*E10859 | | 0.008145 | $1.46 |
| 10869 | Information Management Expense | D10869*E10859 | | 0.057009 | $10.20 |
| 10870 | Intangibles | D10870*E10859 | | 0.002091 | $0.37 |
| 10871 | ***Directly Attributed Costs*** | Sum(E10862:E10870) | | | $42.42 |
| 10872 | | | | | |
| 10873 | ***TELRIC*** | E10862+E10871 | | | $221.42 |
| 10874 | | | | | |
| 10875 | ***Common*** | | | | |
| 10876 | Executive Expense | D10876*E10873 | | 0.007805 | $1.73 |
| 10877 | Planning Expense | D10877*E10873 | | 0.000580 | $0.13 |
| 10878 | External Relations Expense | D10878*E10873 | | 0.013029 | $2.88 |
| 10879 | Legal Expense | D10879*E10873 | | 0.006148 | $1.36 |
| 10880 | Other Procurement Expense | D10880*E10873 | | 0.002359 | $0.52 |
| 10881 | Research & Development Expense | D10881*E10873 | | 0.000036 | $0.01 |
| 10882 | Other General and Admin Expense | D10882*E10873 | | 0.015212 | $3.37 |
| 10883 | ***Common Costs*** | Sum(E10876:E10882) | | | $10.00 |
| 10884 | | | | | |
| 10885 | ***TELRIC + Common Costs*** | E10873+E10883 | | | $231.42 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***AUTOMATIC LINE, per station line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***AUTOMATIC LINE, per station line (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 10937 | **Direct Cost** | | | | $0.25 |
| 10938 | | | | | |
| 10939 | | | | | |
| 10940 | | | | | |
| 10941 | | | | | |
| 10942 | ***Directly Assigned*** | | | | |
| 10943 | Product Management Expense | D10943*E10937 | | 0.025565 | $0.01 |
| 10944 | Sales Expense | D10944*E10937 | | 0.009225 | $0.00 |
| 10945 | Product Advertising Expense | D10945*E10937 | | 0.000000 | $0.00 |
| 10946 | Business Fees (Other Operating Taxes) | D10946*Sum(E10937:E10945) | | 0.002025 | $0.00 |
| 10947 | ***Directly Assigned Costs*** | Sum(E10937:E10946) | | | $0.01 |
| 10948 | | | | | |
| 10949 | ***Total Direct Costs*** | E10937+E10947 | | | $0.26 |
| 10950 | | | | | |
| 10951 | ***Directly Attributed*** | | | | |
| 10952 | Network Operations | D10952*E10949 | | 0.040880 | $0.01 |
| 10953 | Network Support Assets | D10953*E10949 | | 0.015364 | $0.00 |
| 10954 | General Support Assets | D10954*E10949 | | 0.069508 | $0.02 |
| 10955 | General Purpose Computers | D10955*E10949 | | 0.034714 | $0.01 |
| 10956 | Uncollectible | D10956*E10949 | | 0.000401 | $0.00 |
| 10957 | Accounting & Finance Expense | D10957*E10949 | | 0.008839 | $0.00 |
| 10958 | Human Resources Expense | D10958*E10949 | | 0.008145 | $0.00 |
| 10959 | Information Management Expense | D10959*E10949 | | 0.057009 | $0.01 |
| 10960 | Intangibles | D10960*E10949 | | 0.002091 | $0.00 |
| 10961 | ***Directly Attributed Costs*** | Sum(E10952:E10960) | | | $0.06 |
| 10962 | | | | | |
| 10963 | ***TELRIC*** | E10952+E10961 | | | $0.32 |
| 10964 | | | | | |
| 10965 | ***Common*** | | | | |
| 10966 | Executive Expense | D10966*E10963 | | 0.007805 | $0.00 |
| 10967 | Planning Expense | D10967*E10963 | | 0.000580 | $0.00 |
| 10968 | External Relations Expense | D10968*E10963 | | 0.013029 | $0.00 |
| 10969 | Legal Expense | D10969*E10963 | | 0.006148 | $0.00 |
| 10970 | Other Procurement Expense | D10970*E10963 | | 0.002359 | $0.00 |
| 10971 | Research & Development Expense | D10971*E10963 | | 0.000036 | $0.00 |
| 10972 | Other General and Admin Expense | D10972*E10963 | | 0.015212 | $0.00 |
| 10973 | ***Common Costs*** | Sum(E10966:E10972) | | | $0.01 |
| 10974 | | | | | |
| 10975 | ***TELRIC + Common Costs*** | E10963+E10973 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ARS - COMMON EQUIPMENT, per system*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 1590 | 0.660 | | | | 1049.40 | $41.45 | $724.96 |
| Maintenance - sw1 | 1575 | 0.660 | | | | 1039.50 | $41.45 | $718.12 |
| Administration - sw2 | 125 | 0.340 | | | | 42.50 | $41.45 | $29.36 |
| Maintenance - sw2 | 180 | 0.340 | | | | 61.20 | $41.45 | $42.28 |
| ***Subtotal - NROC*** | | | | | | **2,192.60** | | **$1,514.72** |
| ***Total For Service:*** | | | | | | **2,192.60** | | **$1,514.72** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***ARS - COMMON EQUIPMENT, per system (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11027 | **Direct Cost** | | | | $1,514.72 |
| 11028 | | | | | |
| 11029 | | Cost Calculation | | Cost Factor | Cost |
| 11030 | | | | | |
| 11031 | | B | C | D | E |
| 11032 | ***Directly Assigned*** | | | | |
| 11033 | Product Management Expense | D11033*E11027 | | 0.025565 | $38.72 |
| 11034 | Sales Expense | D11034*E11027 | | 0.009225 | $13.97 |
| 11035 | Product Advertising Expense | D11035*E11027 | | 0.000000 | $0.00 |
| 11036 | Business Fees (Other Operating Taxes) | D11036*Sum(E11027:E11035) | | 0.002025 | $3.17 |
| 11037 | ***Directly Assigned Costs*** | Sum(E11027:E11036) | | | $55.87 |
| 11038 | | | | | |
| 11039 | ***Total Direct Costs*** | E11027+E11037 | | | $1,570.59 |
| 11040 | | | | | |
| 11041 | ***Directly Attributed*** | | | | |
| 11042 | Network Operations | D11042*E11039 | | 0.040880 | $64.21 |
| 11043 | Network Support Assets | D11043*E11039 | | 0.015364 | $24.13 |
| 11044 | General Support Assets | D11044*E11039 | | 0.069508 | $109.17 |
| 11045 | General Purpose Computers | D11045*E11039 | | 0.034714 | $54.52 |
| 11046 | Uncollectible | D11046*E11039 | | 0.000401 | $0.63 |
| 11047 | Accounting & Finance Expense | D11047*E11039 | | 0.008839 | $13.88 |
| 11048 | Human Resources Expense | D11048*E11039 | | 0.008145 | $12.79 |
| 11049 | Information Management Expense | D11049*E11039 | | 0.057009 | $89.54 |
| 11050 | Intangibles | D11050*E11039 | | 0.002091 | $3.28 |
| 11051 | ***Directly Attributed Costs*** | Sum(E11042:E11050) | | | $372.15 |
| 11052 | | | | | |
| 11053 | ***TELRIC*** | E11042+E11051 | | | $1,942.75 |
| 11054 | | | | | |
| 11055 | ***Common*** | | | | |
| 11056 | Executive Expense | D11056*E11053 | | 0.007805 | $15.16 |
| 11057 | Planning Expense | D11057*E11053 | | 0.000580 | $1.13 |
| 11058 | External Relations Expense | D11058*E11053 | | 0.013029 | $25.31 |
| 11059 | Legal Expense | D11059*E11053 | | 0.006148 | $11.94 |
| 11060 | Other Procurement Expense | D11060*E11053 | | 0.002359 | $4.58 |
| 11061 | Research & Development Expense | D11061*E11053 | | 0.000036 | $0.07 |
| 11062 | Other General and Admin Expense | D11062*E11053 | | 0.015212 | $29.55 |
| 11063 | ***Common Costs*** | Sum(E11056:E11062) | | | $87.75 |
| 11064 | | | | | |
| 11065 | ***TELRIC + Common Costs*** | E11053+E11063 | | | $2,030.50 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CALL DROP*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CALL DROP (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11117 | **Direct Cost** | | | | $0.25 |
| 11118 | | | | | |
| 11119 | | Cost Calculation | | Cost Factor | Cost |
| 11120 | | B | C | D | E |
| 11121 | | | | | |
| 11122 | ***Directly Assigned*** | | | | |
| 11123 | Product Management Expense | D11123*E11117 | | 0.025565 | $0.01 |
| 11124 | Sales Expense | D11124*E11117 | | 0.009225 | $0.00 |
| 11125 | Product Advertising Expense | D11125*E11117 | | 0.000000 | $0.00 |
| 11126 | Business Fees (Other Operating Taxes) | D11126*Sum(E11117:E11125) | | 0.002025 | $0.00 |
| 11127 | ***Directly Assigned Costs*** | Sum(E11117:E11126) | | | $0.01 |
| 11128 | | | | | |
| 11129 | ***Total Direct Costs*** | E11117+E11127 | | | $0.26 |
| 11130 | | | | | |
| 11131 | ***Directly Attributed*** | | | | |
| 11132 | Network Operations | D11132*E11129 | | 0.040880 | $0.01 |
| 11133 | Network Support Assets | D11133*E11129 | | 0.015364 | $0.00 |
| 11134 | General Support Assets | D11134*E11129 | | 0.069508 | $0.02 |
| 11135 | General Purpose Computers | D11135*E11129 | | 0.034714 | $0.01 |
| 11136 | Uncollectible | D11136*E11129 | | 0.000401 | $0.00 |
| 11137 | Accounting & Finance Expense | D11137*E11129 | | 0.008839 | $0.00 |
| 11138 | Human Resources Expense | D11138*E11129 | | 0.008145 | $0.00 |
| 11139 | Information Management Expense | D11139*E11129 | | 0.057009 | $0.01 |
| 11140 | Intangibles | D11140*E11129 | | 0.002091 | $0.00 |
| 11141 | ***Directly Attributed Costs*** | Sum(E11132:E11140) | | | $0.06 |
| 11142 | | | | | |
| 11143 | ***TELRIC*** | E11132+E11141 | | | $0.32 |
| 11144 | | | | | |
| 11145 | ***Common*** | | | | |
| 11146 | Executive Expense | D11146*E11143 | | 0.007805 | $0.00 |
| 11147 | Planning Expense | D11147*E11143 | | 0.000580 | $0.00 |
| 11148 | External Relations Expense | D11148*E11143 | | 0.013029 | $0.00 |
| 11149 | Legal Expense | D11149*E11143 | | 0.006148 | $0.00 |
| 11150 | Other Procurement Expense | D11150*E11143 | | 0.002359 | $0.00 |
| 11151 | Research & Development Expense | D11151*E11143 | | 0.000036 | $0.00 |
| 11152 | Other General and Admin Expense | D11152*E11143 | | 0.015212 | $0.00 |
| 11153 | ***Common Costs*** | Sum(E11146:E11152) | | | $0.01 |
| 11154 | | | | | |
| 11155 | ***TELRIC + Common Costs*** | E11143+E11153 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CALL EXCLUSION - AUTOMATIC*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| ***Total For Service:*** | | | | | | **1.00** | | **$0.73** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***CALL EXCLUSION - AUTOMATIC (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 11207 | **Direct Cost** | | | | $0.73 |
| 11208 | | | | | |
| 11209 | | | | | |
| 11210 | | | | | |
| 11211 | | | | | |
| 11212 | ***Directly Assigned*** | | | | |
| 11213 | Product Management Expense | D11213*E11207 | | 0.025565 | $0.02 |
| 11214 | Sales Expense | D11214*E11207 | | 0.009225 | $0.01 |
| 11215 | Product Advertising Expense | D11215*E11207 | | 0.000000 | $0.00 |
| 11216 | Business Fees (Other Operating Taxes) | D11216*Sum(E11207:E11215) | | 0.002025 | $0.00 |
| 11217 | ***Directly Assigned Costs*** | Sum(E11207:E11216) | | | $0.03 |
| 11218 | | | | | |
| 11219 | ***Total Direct Costs*** | E11207+E11217 | | | $0.76 |
| 11220 | | | | | |
| 11221 | ***Directly Attributed*** | | | | |
| 11222 | Network Operations | D11222*E11219 | | 0.040880 | $0.03 |
| 11223 | Network Support Assets | D11223*E11219 | | 0.015364 | $0.01 |
| 11224 | General Support Assets | D11224*E11219 | | 0.069508 | $0.05 |
| 11225 | General Purpose Computers | D11225*E11219 | | 0.034714 | $0.03 |
| 11226 | Uncollectible | D11226*E11219 | | 0.000401 | $0.00 |
| 11227 | Accounting & Finance Expense | D11227*E11219 | | 0.008839 | $0.01 |
| 11228 | Human Resources Expense | D11228*E11219 | | 0.008145 | $0.01 |
| 11229 | Information Management Expense | D11229*E11219 | | 0.057009 | $0.04 |
| 11230 | Intangibles | D11230*E11219 | | 0.002091 | $0.00 |
| 11231 | ***Directly Attributed Costs*** | Sum(E11222:E11230) | | | $0.18 |
| 11232 | | | | | |
| 11233 | ***TELRIC*** | E11222+E11231 | | | $0.94 |
| 11234 | | | | | |
| 11235 | ***Common*** | | | | |
| 11236 | Executive Expense | D11236*E11233 | | 0.007805 | $0.01 |
| 11237 | Planning Expense | D11237*E11233 | | 0.000580 | $0.00 |
| 11238 | External Relations Expense | D11238*E11233 | | 0.013029 | $0.01 |
| 11239 | Legal Expense | D11239*E11233 | | 0.006148 | $0.01 |
| 11240 | Other Procurement Expense | D11240*E11233 | | 0.002359 | $0.00 |
| 11241 | Research & Development Expense | D11241*E11233 | | 0.000036 | $0.00 |
| 11242 | Other General and Admin Expense | D11242*E11233 | | 0.015212 | $0.01 |
| 11243 | ***Common Costs*** | Sum(E11236:E11242) | | | $0.04 |
| 11244 | | | | | |
| 11245 | ***TELRIC + Common Costs*** | E11233+E11243 | | | $0.98 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CALL EXCLUSION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| ***Total For Service:*** | | | | | | **0.66** | | **$0.48** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CALL EXCLUSION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11297 | **Direct Cost** | | | | $0.48 |
| 11298 | | | | | |
| 11299 | | Cost Calculation | | Cost Factor | Cost |
| 11300 | | B | C | D | E |
| 11301 | | | | | |
| 11302 | ***Directly Assigned*** | | | | |
| 11303 | Product Management Expense | D11303*E11297 | | 0.025565 | $0.01 |
| 11304 | Sales Expense | D11304*E11297 | | 0.009225 | $0.00 |
| 11305 | Product Advertising Expense | D11305*E11297 | | 0.000000 | $0.00 |
| 11306 | Business Fees (Other Operating Taxes) | D11306*Sum(E11297:E11305) | | 0.002025 | $0.00 |
| 11307 | ***Directly Assigned Costs*** | Sum(E11297:E11306) | | | $0.02 |
| 11308 | | | | | |
| 11309 | ***Total Direct Costs*** | E11297+E11307 | | | $0.50 |
| 11310 | | | | | |
| 11311 | ***Directly Attributed*** | | | | |
| 11312 | Network Operations | D11312*E11309 | | 0.040880 | $0.02 |
| 11313 | Network Support Assets | D11313*E11309 | | 0.015364 | $0.01 |
| 11314 | General Support Assets | D11314*E11309 | | 0.069508 | $0.03 |
| 11315 | General Purpose Computers | D11315*E11309 | | 0.034714 | $0.02 |
| 11316 | Uncollectible | D11316*E11309 | | 0.000401 | $0.00 |
| 11317 | Accounting & Finance Expense | D11317*E11309 | | 0.008839 | $0.00 |
| 11318 | Human Resources Expense | D11318*E11309 | | 0.008145 | $0.00 |
| 11319 | Information Management Expense | D11319*E11309 | | 0.057009 | $0.03 |
| 11320 | Intangibles | D11320*E11309 | | 0.002091 | $0.00 |
| 11321 | ***Directly Attributed Costs*** | Sum(E11312:E11320) | | | $0.12 |
| 11322 | | | | | |
| 11323 | ***TELRIC*** | E11312+E11321 | | | $0.62 |
| 11324 | | | | | |
| 11325 | ***Common*** | | | | |
| 11326 | Executive Expense | D11326*E11323 | | 0.007805 | $0.00 |
| 11327 | Planning Expense | D11327*E11323 | | 0.000580 | $0.00 |
| 11328 | External Relations Expense | D11328*E11323 | | 0.013029 | $0.01 |
| 11329 | Legal Expense | D11329*E11323 | | 0.006148 | $0.00 |
| 11330 | Other Procurement Expense | D11330*E11323 | | 0.002359 | $0.00 |
| 11331 | Research & Development Expense | D11331*E11323 | | 0.000036 | $0.00 |
| 11332 | Other General and Admin Expense | D11332*E11323 | | 0.015212 | $0.01 |
| 11333 | ***Common Costs*** | Sum(E11326:E11332) | | | $0.03 |
| 11334 | | | | | |
| 11335 | ***TELRIC + Common Costs*** | E11323+E11333 | | | $0.65 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| *Subtotal - RCMAC* | | | | | | 1.00 | | $0.73 |
| *Total For Service:* | | | | | | 1.00 | | $0.73 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11387 | **Direct Cost** | | | | $0.73 |
| 11388 | | | | | |
| 11389 | | Cost Calculation | | Cost Factor | Cost |
| 11390 | | | | | |
| 11391 | | B | C | D | E |
| 11392 | ***Directly Assigned*** | | | | |
| 11393 | Product Management Expense | D11393*E11387 | | 0.025565 | $0.02 |
| 11394 | Sales Expense | D11394*E11387 | | 0.009225 | $0.01 |
| 11395 | Product Advertising Expense | D11395*E11387 | | 0.000000 | $0.00 |
| 11396 | Business Fees (Other Operating Taxes) | D11396*Sum(E11387:E11395) | | 0.002025 | $0.00 |
| 11397 | ***Directly Assigned Costs*** | Sum(E11387:E11396) | | | $0.03 |
| 11398 | | | | | |
| 11399 | ***Total Direct Costs*** | E11387+E11397 | | | $0.76 |
| 11400 | | | | | |
| 11401 | ***Directly Attributed*** | | | | |
| 11402 | Network Operations | D11402*E11399 | | 0.040880 | $0.03 |
| 11403 | Network Support Assets | D11403*E11399 | | 0.015364 | $0.01 |
| 11404 | General Support Assets | D11404*E11399 | | 0.069508 | $0.05 |
| 11405 | General Purpose Computers | D11405*E11399 | | 0.034714 | $0.03 |
| 11406 | Uncollectible | D11406*E11399 | | 0.000401 | $0.00 |
| 11407 | Accounting & Finance Expense | D11407*E11399 | | 0.008839 | $0.01 |
| 11408 | Human Resources Expense | D11408*E11399 | | 0.008145 | $0.01 |
| 11409 | Information Management Expense | D11409*E11399 | | 0.057009 | $0.04 |
| 11410 | Intangibles | D11410*E11399 | | 0.002091 | $0.00 |
| 11411 | ***Directly Attributed Costs*** | Sum(E11402:E11410) | | | $0.18 |
| 11412 | | | | | |
| 11413 | ***TELRIC*** | E11402+E11411 | | | $0.94 |
| 11414 | | | | | |
| 11415 | ***Common*** | | | | |
| 11416 | Executive Expense | D11416*E11413 | | 0.007805 | $0.01 |
| 11417 | Planning Expense | D11417*E11413 | | 0.000580 | $0.00 |
| 11418 | External Relations Expense | D11418*E11413 | | 0.013029 | $0.01 |
| 11419 | Legal Expense | D11419*E11413 | | 0.006148 | $0.01 |
| 11420 | Other Procurement Expense | D11420*E11413 | | 0.002359 | $0.00 |
| 11421 | Research & Development Expense | D11421*E11413 | | 0.000036 | $0.00 |
| 11422 | Other General and Admin Expense | D11422*E11413 | | 0.015212 | $0.01 |
| 11423 | ***Common Costs*** | Sum(E11416:E11422) | | | $0.04 |
| 11424 | | | | | |
| 11425 | ***TELRIC + Common Costs*** | E11413+E11423 | | | $0.98 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Administration - DMS | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| Maintenance - DMS | 25 | 0.340 | | | | 8.50 | $41.45 | $5.87 |
| ***Subtotal - NROC*** | | | | | | **15.30** | | **$10.57** |
| ***Total For Service:*** | | | | | | **16.30** | | **$11.30** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - SERVICE ESTABLSIHMENT (con't)***

| | | | | |
|---|---|---|---|---|
| 11477 | **Direct Cost** | | | $11.30 |
| 11478 | | | | |
| 11479 | | Cost Calculation | Cost Factor | Cost |
| 11480 | | | | |
| 11481 | | B | C | D | E |
| 11482 | ***Directly Assigned*** | | | |
| 11483 | Product Management Expense | D11483*E11477 | 0.025565 | $0.29 |
| 11484 | Sales Expense | D11484*E11477 | 0.009225 | $0.10 |
| 11485 | Product Advertising Expense | D11485*E11477 | 0.000000 | $0.00 |
| 11486 | Business Fees (Other Operating Taxes) | D11486*Sum(E11477:E11485) | 0.002025 | $0.02 |
| 11487 | ***Directly Assigned Costs*** | Sum(E11477:E11486) | | $0.42 |
| 11488 | | | | |
| 11489 | ***Total Direct Costs*** | E11477+E11487 | | $11.72 |
| 11490 | | | | |
| 11491 | ***Directly Attributed*** | | | |
| 11492 | Network Operations | D11492*E11489 | 0.040880 | $0.48 |
| 11493 | Network Support Assets | D11493*E11489 | 0.015364 | $0.18 |
| 11494 | General Support Assets | D11494*E11489 | 0.069508 | $0.81 |
| 11495 | General Purpose Computers | D11495*E11489 | 0.034714 | $0.41 |
| 11496 | Uncollectible | D11496*E11489 | 0.000401 | $0.00 |
| 11497 | Accounting & Finance Expense | D11497*E11489 | 0.008839 | $0.10 |
| 11498 | Human Resources Expense | D11498*E11489 | 0.008145 | $0.10 |
| 11499 | Information Management Expense | D11499*E11489 | 0.057009 | $0.67 |
| 11500 | Intangibles | D11500*E11489 | 0.002091 | $0.02 |
| 11501 | ***Directly Attributed Costs*** | Sum(E11492:E11500) | | $2.78 |
| 11502 | | | | |
| 11503 | ***TELRIC*** | E11492+E11501 | | $14.49 |
| 11504 | | | | |
| 11505 | ***Common*** | | | |
| 11506 | Executive Expense | D11506*E11503 | 0.007805 | $0.11 |
| 11507 | Planning Expense | D11507*E11503 | 0.000580 | $0.01 |
| 11508 | External Relations Expense | D11508*E11503 | 0.013029 | $0.19 |
| 11509 | Legal Expense | D11509*E11503 | 0.006148 | $0.09 |
| 11510 | Other Procurement Expense | D11510*E11503 | 0.002359 | $0.03 |
| 11511 | Research & Development Expense | D11511*E11503 | 0.000036 | $0.00 |
| 11512 | Other General and Admin Expense | D11512*E11503 | 0.015212 | $0.22 |
| 11513 | ***Common Costs*** | Sum(E11506:E11512) | | $0.65 |
| 11514 | | | | |
| 11515 | ***TELRIC + Common Costs*** | E11503+E11513 | | $15.15 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CALL WAITING INDICATION, per unique timing state, per timing state*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| ***Total For Service:*** | | | | | | **1.00** | | **$0.73** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CALL WAITING INDICATION, per unique timing state, per timing state (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11567 | **Direct Cost** | | | | $0.73 |
| 11568 | | | | | |
| 11569 | | Cost Calculation | | Cost Factor | Cost |
| 11570 | | B | C | D | E |
| 11571 | | | | | |
| 11572 | ***Directly Assigned*** | | | | |
| 11573 | Product Management Expense | D11573*E11567 | | 0.025565 | $0.02 |
| 11574 | Sales Expense | D11574*E11567 | | 0.009225 | $0.01 |
| 11575 | Product Advertising Expense | D11575*E11567 | | 0.000000 | $0.00 |
| 11576 | Business Fees (Other Operating Taxes) | D11576*Sum(E11567:E11575) | | 0.002025 | $0.00 |
| 11577 | ***Directly Assigned Costs*** | Sum(E11567:E11576) | | | $0.03 |
| 11578 | | | | | |
| 11579 | ***Total Direct Costs*** | E11567+E11577 | | | $0.76 |
| 11580 | | | | | |
| 11581 | ***Directly Attributed*** | | | | |
| 11582 | Network Operations | D11582*E11579 | | 0.040880 | $0.03 |
| 11583 | Network Support Assets | D11583*E11579 | | 0.015364 | $0.01 |
| 11584 | General Support Assets | D11584*E11579 | | 0.069508 | $0.05 |
| 11585 | General Purpose Computers | D11585*E11579 | | 0.034714 | $0.03 |
| 11586 | Uncollectible | D11586*E11579 | | 0.000401 | $0.00 |
| 11587 | Accounting & Finance Expense | D11587*E11579 | | 0.008839 | $0.01 |
| 11588 | Human Resources Expense | D11588*E11579 | | 0.008145 | $0.01 |
| 11589 | Information Management Expense | D11589*E11579 | | 0.057009 | $0.04 |
| 11590 | Intangibles | D11590*E11579 | | 0.002091 | $0.00 |
| 11591 | ***Directly Attributed Costs*** | Sum(E11582:E11590) | | | $0.18 |
| 11592 | | | | | |
| 11593 | ***TELRIC*** | E11582+E11591 | | | $0.94 |
| 11594 | | | | | |
| 11595 | ***Common*** | | | | |
| 11596 | Executive Expense | D11596*E11593 | | 0.007805 | $0.01 |
| 11597 | Planning Expense | D11597*E11593 | | 0.000580 | $0.00 |
| 11598 | External Relations Expense | D11598*E11593 | | 0.013029 | $0.01 |
| 11599 | Legal Expense | D11599*E11593 | | 0.006148 | $0.01 |
| 11600 | Other Procurement Expense | D11600*E11593 | | 0.002359 | $0.00 |
| 11601 | Research & Development Expense | D11601*E11593 | | 0.000036 | $0.00 |
| 11602 | Other General and Admin Expense | D11602*E11593 | | 0.015212 | $0.01 |
| 11603 | ***Common Costs*** | Sum(E11596:E11602) | | | $0.04 |
| 11604 | | | | | |
| 11605 | ***TELRIC + Common Costs*** | E11593+E11603 | | | $0.98 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CFBL INCOMING ONLY*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Administration - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Maintenance - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - NROC*** | | | | | | **39.60** | | **$27.36** |
| ***Total For Service:*** | | | | | | **39.60** | | **$27.36** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***CFBL INCOMING ONLY (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11657 | **Direct Cost** | | | | $27.36 |
| 11658 | | | | | |
| 11659 | | Cost Calculation | | Cost Factor | Cost |
| 11660 | | B | C | D | E |
| 11661 | | | | | |
| 11662 | ***Directly Assigned*** | | | | |
| 11663 | Product Management Expense | D11663*E11657 | | 0.025565 | $0.70 |
| 11664 | Sales Expense | D11664*E11657 | | 0.009225 | $0.25 |
| 11665 | Product Advertising Expense | D11665*E11657 | | 0.000000 | $0.00 |
| 11666 | Business Fees (Other Operating Taxes) | D11666*Sum(E11657:E11665) | | 0.002025 | $0.06 |
| 11667 | ***Directly Assigned Costs*** | Sum(E11657:E11666) | | | $1.01 |
| 11668 | | | | | |
| 11669 | ***Total Direct Costs*** | E11657+E11667 | | | $28.37 |
| 11670 | | | | | |
| 11671 | ***Directly Attributed*** | | | | |
| 11672 | Network Operations | D11672*E11669 | | 0.040880 | $1.16 |
| 11673 | Network Support Assets | D11673*E11669 | | 0.015364 | $0.44 |
| 11674 | General Support Assets | D11674*E11669 | | 0.069508 | $1.97 |
| 11675 | General Purpose Computers | D11675*E11669 | | 0.034714 | $0.98 |
| 11676 | Uncollectible | D11676*E11669 | | 0.000401 | $0.01 |
| 11677 | Accounting & Finance Expense | D11677*E11669 | | 0.008839 | $0.25 |
| 11678 | Human Resources Expense | D11678*E11669 | | 0.008145 | $0.23 |
| 11679 | Information Management Expense | D11679*E11669 | | 0.057009 | $1.62 |
| 11680 | Intangibles | D11680*E11669 | | 0.002091 | $0.06 |
| 11681 | ***Directly Attributed Costs*** | Sum(E11672:E11680) | | | $6.72 |
| 11682 | | | | | |
| 11683 | ***TELRIC*** | E11672+E11681 | | | $35.09 |
| 11684 | | | | | |
| 11685 | ***Common*** | | | | |
| 11686 | Executive Expense | D11686*E11683 | | 0.007805 | $0.27 |
| 11687 | Planning Expense | D11687*E11683 | | 0.000580 | $0.02 |
| 11688 | External Relations Expense | D11688*E11683 | | 0.013029 | $0.46 |
| 11689 | Legal Expense | D11689*E11683 | | 0.006148 | $0.22 |
| 11690 | Other Procurement Expense | D11690*E11683 | | 0.002359 | $0.08 |
| 11691 | Research & Development Expense | D11691*E11683 | | 0.000036 | $0.00 |
| 11692 | Other General and Admin Expense | D11692*E11683 | | 0.015212 | $0.53 |
| 11693 | ***Common Costs*** | Sum(E11686:E11692) | | | $1.58 |
| 11694 | | | | | |
| 11695 | ***TELRIC + Common Costs*** | E11683+E11693 | | | $36.67 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CFDA INCOMING ONLY*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Administration - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Maintenance - 5E | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - NROC*** | | | | | | **39.60** | | **$27.36** |
| ***Total For Service:*** | | | | | | **39.60** | | **$27.36** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CFDA INCOMING ONLY (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 11747 | **Direct Cost** | | | | $27.36 |
| 11748 | | | | | |
| 11749 | | Cost Calculation | | Cost Factor | Cost |
| 11750 | | | | | |
| 11751 | | B | C | D | E |
| 11752 | ***Directly Assigned*** | | | | |
| 11753 | Product Management Expense | D11753*E11747 | | 0.025565 | $0.70 |
| 11754 | Sales Expense | D11754*E11747 | | 0.009225 | $0.25 |
| 11755 | Product Advertising Expense | D11755*E11747 | | 0.000000 | $0.00 |
| 11756 | Business Fees (Other Operating Taxes) | D11756*Sum(E11747:E11755) | | 0.002025 | $0.06 |
| 11757 | ***Directly Assigned Costs*** | Sum(E11747:E11756) | | | $1.01 |
| 11758 | | | | | |
| 11759 | ***Total Direct Costs*** | E11747+E11757 | | | $28.37 |
| 11760 | | | | | |
| 11761 | ***Directly Attributed*** | | | | |
| 11762 | Network Operations | D11762*E11759 | | 0.040880 | $1.16 |
| 11763 | Network Support Assets | D11763*E11759 | | 0.015364 | $0.44 |
| 11764 | General Support Assets | D11764*E11759 | | 0.069508 | $1.97 |
| 11765 | General Purpose Computers | D11765*E11759 | | 0.034714 | $0.98 |
| 11766 | Uncollectible | D11766*E11759 | | 0.000401 | $0.01 |
| 11767 | Accounting & Finance Expense | D11767*E11759 | | 0.008839 | $0.25 |
| 11768 | Human Resources Expense | D11768*E11759 | | 0.008145 | $0.23 |
| 11769 | Information Management Expense | D11769*E11759 | | 0.057009 | $1.62 |
| 11770 | Intangibles | D11770*E11759 | | 0.002091 | $0.06 |
| 11771 | ***Directly Attributed Costs*** | Sum(E11762:E11770) | | | $6.72 |
| 11772 | | | | | |
| 11773 | ***TELRIC*** | E11762+E11771 | | | $35.09 |
| 11774 | | | | | |
| 11775 | ***Common*** | | | | |
| 11776 | Executive Expense | D11776*E11773 | | 0.007805 | $0.27 |
| 11777 | Planning Expense | D11777*E11773 | | 0.000580 | $0.02 |
| 11778 | External Relations Expense | D11778*E11773 | | 0.013029 | $0.46 |
| 11779 | Legal Expense | D11779*E11773 | | 0.006148 | $0.22 |
| 11780 | Other Procurement Expense | D11780*E11773 | | 0.002359 | $0.08 |
| 11781 | Research & Development Expense | D11781*E11773 | | 0.000036 | $0.00 |
| 11782 | Other General and Admin Expense | D11782*E11773 | | 0.015212 | $0.53 |
| 11783 | ***Common Costs*** | Sum(E11776:E11782) | | | $1.58 |
| 11784 | | | | | |
| 11785 | ***TELRIC + Common Costs*** | E11773+E11783 | | | $36.67 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CONFERENCE CALLING - MEET ME - PER SYSTEM*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 25 | 0.660 | | | | 16.50 | $41.45 | $11.40 |
| Maintenance - sw1 | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| Administration - sw2 | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| Maintenance - sw2 | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| ***Subtotal - NROC*** | | | | | | **43.30** | | **$29.91** |
| ***Total For Service:*** | | | | | | **44.30** | | **$30.64** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CONFERENCE CALLING - MEET ME - PER SYSTEM (con't)***

| | | | | |
|---|---|---|---|---|
| 11837 | **Direct Cost** | | | $30.64 |
| 11838 | | | | |
| 11839 | | **Cost Calculation** | **Cost Factor** | **Cost** |
| 11840 | | | | |
| 11841 | | B | C | D | E |
| 11842 | ***Directly Assigned*** | | | |
| 11843 | Product Management Expense | D11843*E11837 | 0.025565 | $0.78 |
| 11844 | Sales Expense | D11844*E11837 | 0.009225 | $0.28 |
| 11845 | Product Advertising Expense | D11845*E11837 | 0.000000 | $0.00 |
| 11846 | Business Fees (Other Operating Taxes) | D11846*Sum(E11837:E11845) | 0.002025 | $0.06 |
| 11847 | ***Directly Assigned Costs*** | Sum(E11837:E11846) | | $1.13 |
| 11848 | | | | |
| 11849 | ***Total Direct Costs*** | E11837+E11847 | | $31.77 |
| 11850 | | | | |
| 11851 | ***Directly Attributed*** | | | |
| 11852 | Network Operations | D11852*E11849 | 0.040880 | $1.30 |
| 11853 | Network Support Assets | D11853*E11849 | 0.015364 | $0.49 |
| 11854 | General Support Assets | D11854*E11849 | 0.069508 | $2.21 |
| 11855 | General Purpose Computers | D11855*E11849 | 0.034714 | $1.10 |
| 11856 | Uncollectible | D11856*E11849 | 0.000401 | $0.01 |
| 11857 | Accounting & Finance Expense | D11857*E11849 | 0.008839 | $0.28 |
| 11858 | Human Resources Expense | D11858*E11849 | 0.008145 | $0.26 |
| 11859 | Information Management Expense | D11859*E11849 | 0.057009 | $1.81 |
| 11860 | Intangibles | D11860*E11849 | 0.002091 | $0.07 |
| 11861 | ***Directly Attributed Costs*** | Sum(E11852:E11860) | | $7.53 |
| 11862 | | | | |
| 11863 | ***TELRIC*** | E11852+E11861 | | $39.30 |
| 11864 | | | | |
| 11865 | ***Common*** | | | |
| 11866 | Executive Expense | D11866*E11863 | 0.007805 | $0.31 |
| 11867 | Planning Expense | D11867*E11863 | 0.000580 | $0.02 |
| 11868 | External Relations Expense | D11868*E11863 | 0.013029 | $0.51 |
| 11869 | Legal Expense | D11869*E11863 | 0.006148 | $0.24 |
| 11870 | Other Procurement Expense | D11870*E11863 | 0.002359 | $0.09 |
| 11871 | Research & Development Expense | D11871*E11863 | 0.000036 | $0.00 |
| 11872 | Other General and Admin Expense | D11872*E11863 | 0.015212 | $0.60 |
| 11873 | ***Common Costs*** | Sum(E11866:E11872) | | $1.78 |
| 11874 | | | | |
| 11875 | ***TELRIC + Common Costs*** | E11863+E11873 | | $41.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CONFERENCE CALLING - PRESET - PER SYSTEM*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 25 | 0.660 | | | | 16.50 | $41.45 | $11.40 |
| Maintenance - sw1 | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| Administration - sw2 | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| Maintenance - sw2 | 20 | 0.340 | | | | 6.80 | $41.45 | $4.70 |
| ***Subtotal - NROC*** | | | | | | **43.30** | | **$29.91** |
| ***Total For Service:*** | | | | | | **44.30** | | **$30.64** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CONFERENCE CALLING - PRESET - PER SYSTEM (con't)***

| | | | | |
|---|---|---|---|---|
| 11927 | **Direct Cost** | | | $30.64 |
| 11928 | | | | |
| 11929 | | Cost Calculation | Cost Factor | Cost |
| 11930 | | B | C | D | E |
| 11931 | | | | | |
| 11932 | ***Directly Assigned*** | | | |
| 11933 | Product Management Expense | D11933*E11927 | 0.025565 | $0.78 |
| 11934 | Sales Expense | D11934*E11927 | 0.009225 | $0.28 |
| 11935 | Product Advertising Expense | D11935*E11927 | 0.000000 | $0.00 |
| 11936 | Business Fees (Other Operating Taxes) | D11936*Sum(E11927:E11935) | 0.002025 | $0.06 |
| 11937 | ***Directly Assigned Costs*** | Sum(E11927:E11936) | | $1.13 |
| 11938 | | | | |
| 11939 | ***Total Direct Costs*** | E11927+E11937 | | $31.77 |
| 11940 | | | | |
| 11941 | ***Directly Attributed*** | | | |
| 11942 | Network Operations | D11942*E11939 | 0.040880 | $1.30 |
| 11943 | Network Support Assets | D11943*E11939 | 0.015364 | $0.49 |
| 11944 | General Support Assets | D11944*E11939 | 0.069508 | $2.21 |
| 11945 | General Purpose Computers | D11945*E11939 | 0.034714 | $1.10 |
| 11946 | Uncollectible | D11946*E11939 | 0.000401 | $0.01 |
| 11947 | Accounting & Finance Expense | D11947*E11939 | 0.008839 | $0.28 |
| 11948 | Human Resources Expense | D11948*E11939 | 0.008145 | $0.26 |
| 11949 | Information Management Expense | D11949*E11939 | 0.057009 | $1.81 |
| 11950 | Intangibles | D11950*E11939 | 0.002091 | $0.07 |
| 11951 | ***Directly Attributed Costs*** | Sum(E11942:E11950) | | $7.53 |
| 11952 | | | | |
| 11953 | ***TELRIC*** | E11942+E11951 | | $39.30 |
| 11954 | | | | |
| 11955 | ***Common*** | | | |
| 11956 | Executive Expense | D11956*E11953 | 0.007805 | $0.31 |
| 11957 | Planning Expense | D11957*E11953 | 0.000580 | $0.02 |
| 11958 | External Relations Expense | D11958*E11953 | 0.013029 | $0.51 |
| 11959 | Legal Expense | D11959*E11953 | 0.006148 | $0.24 |
| 11960 | Other Procurement Expense | D11960*E11953 | 0.002359 | $0.09 |
| 11961 | Research & Development Expense | D11961*E11953 | 0.000036 | $0.00 |
| 11962 | Other General and Admin Expense | D11962*E11953 | 0.015212 | $0.60 |
| 11963 | ***Common Costs*** | Sum(E11956:E11962) | | $1.78 |
| 11964 | | | | |
| 11965 | ***TELRIC + Common Costs*** | E11953+E11963 | | $41.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DIR STA SEL/BUSY LAMP FLD, per arrangement*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DIR STA SEL/BUSY LAMP FLD, per arrangement (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 12017 | **Direct Cost** | | | | $0.25 |
| 12018 | | | | | |
| 12019 | | Cost Calculation | | Cost Factor | Cost |
| 12020 | | B | C | D | E |
| 12021 | | | | | |
| 12022 | ***Directly Assigned*** | | | | |
| 12023 | Product Management Expense | D12023*E12017 | | 0.025565 | $0.01 |
| 12024 | Sales Expense | D12024*E12017 | | 0.009225 | $0.00 |
| 12025 | Product Advertising Expense | D12025*E12017 | | 0.000000 | $0.00 |
| 12026 | Business Fees (Other Operating Taxes) | D12026*Sum(E12017:E12025) | | 0.002025 | $0.00 |
| 12027 | ***Directly Assigned Costs*** | Sum(E12017:E12026) | | | $0.01 |
| 12028 | | | | | |
| 12029 | ***Total Direct Costs*** | E12017+E12027 | | | $0.26 |
| 12030 | | | | | |
| 12031 | ***Directly Attributed*** | | | | |
| 12032 | Network Operations | D12032*E12029 | | 0.040880 | $0.01 |
| 12033 | Network Support Assets | D12033*E12029 | | 0.015364 | $0.00 |
| 12034 | General Support Assets | D12034*E12029 | | 0.069508 | $0.02 |
| 12035 | General Purpose Computers | D12035*E12029 | | 0.034714 | $0.01 |
| 12036 | Uncollectible | D12036*E12029 | | 0.000401 | $0.00 |
| 12037 | Accounting & Finance Expense | D12037*E12029 | | 0.008839 | $0.00 |
| 12038 | Human Resources Expense | D12038*E12029 | | 0.008145 | $0.00 |
| 12039 | Information Management Expense | D12039*E12029 | | 0.057009 | $0.01 |
| 12040 | Intangibles | D12040*E12029 | | 0.002091 | $0.00 |
| 12041 | ***Directly Attributed Costs*** | Sum(E12032:E12040) | | | $0.06 |
| 12042 | | | | | |
| 12043 | ***TELRIC*** | E12032+E12041 | | | $0.32 |
| 12044 | | | | | |
| 12045 | ***Common*** | | | | |
| 12046 | Executive Expense | D12046*E12043 | | 0.007805 | $0.00 |
| 12047 | Planning Expense | D12047*E12043 | | 0.000580 | $0.00 |
| 12048 | External Relations Expense | D12048*E12043 | | 0.013029 | $0.00 |
| 12049 | Legal Expense | D12049*E12043 | | 0.006148 | $0.00 |
| 12050 | Other Procurement Expense | D12050*E12043 | | 0.002359 | $0.00 |
| 12051 | Research & Development Expense | D12051*E12043 | | 0.000036 | $0.00 |
| 12052 | Other General and Admin Expense | D12052*E12043 | | 0.015212 | $0.00 |
| 12053 | ***Common Costs*** | Sum(E12046:E12052) | | | $0.01 |
| 12054 | | | | | |
| 12055 | ***TELRIC + Common Costs*** | E12043+E12053 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DIRECTED CALL PICK UP BARGE-IN*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Maintenance - 5E | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Administration - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| Maintenance - DMS | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***Total For Service:*** | | | | | | **21.00** | | **$14.55** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DIRECTED CALL PICK UP BARGE-IN (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 12107 | **Direct Cost** | | | | $14.55 |
| 12108 | | | | | |
| 12109 | | | Cost Calculation | Cost Factor | Cost |
| 12110 | | | B C | D | E |
| 12111 | | | | | |
| 12112 | ***Directly Assigned*** | | | | |
| 12113 | Product Management Expense | | D12113*E12107 | 0.025565 | $0.37 |
| 12114 | Sales Expense | | D12114*E12107 | 0.009225 | $0.13 |
| 12115 | Product Advertising Expense | | D12115*E12107 | 0.000000 | $0.00 |
| 12116 | Business Fees (Other Operating Taxes) | | D12116*Sum(E12107:E12115) | 0.002025 | $0.03 |
| 12117 | ***Directly Assigned Costs*** | | Sum(E12107:E12116) | | $0.54 |
| 12118 | | | | | |
| 12119 | ***Total Direct Costs*** | | E12107+E12117 | | $15.08 |
| 12120 | | | | | |
| 12121 | ***Directly Attributed*** | | | | |
| 12122 | Network Operations | | D12122*E12119 | 0.040880 | $0.62 |
| 12123 | Network Support Assets | | D12123*E12119 | 0.015364 | $0.23 |
| 12124 | General Support Assets | | D12124*E12119 | 0.069508 | $1.05 |
| 12125 | General Purpose Computers | | D12125*E12119 | 0.034714 | $0.52 |
| 12126 | Uncollectible | | D12126*E12119 | 0.000401 | $0.01 |
| 12127 | Accounting & Finance Expense | | D12127*E12119 | 0.008839 | $0.13 |
| 12128 | Human Resources Expense | | D12128*E12119 | 0.008145 | $0.12 |
| 12129 | Information Management Expense | | D12129*E12119 | 0.057009 | $0.86 |
| 12130 | Intangibles | | D12130*E12119 | 0.002091 | $0.03 |
| 12131 | ***Directly Attributed Costs*** | | Sum(E12122:E12130) | | $3.57 |
| 12132 | | | | | |
| 12133 | ***TELRIC*** | | E12122+E12131 | | $18.66 |
| 12134 | | | | | |
| 12135 | ***Common*** | | | | |
| 12136 | Executive Expense | | D12136*E12133 | 0.007805 | $0.15 |
| 12137 | Planning Expense | | D12137*E12133 | 0.000580 | $0.01 |
| 12138 | External Relations Expense | | D12138*E12133 | 0.013029 | $0.24 |
| 12139 | Legal Expense | | D12139*E12133 | 0.006148 | $0.11 |
| 12140 | Other Procurement Expense | | D12140*E12133 | 0.002359 | $0.04 |
| 12141 | Research & Development Expense | | D12141*E12133 | 0.000036 | $0.00 |
| 12142 | Other General and Admin Expense | | D12142*E12133 | 0.015212 | $0.28 |
| 12143 | ***Common Costs*** | | Sum(E12136:E12142) | | $0.84 |
| 12144 | | | | | |
| 12145 | ***TELRIC + Common Costs*** | | E12133+E12143 | | $19.50 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DIRECTED CALL PICKUP WITHOUT BARGE-IN*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % of switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is % of switch type*** | | | | | | | | |
| Administration - SW1 | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Maintenance - SW1 | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Administration - SW2 | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| Maintenance - SW2 | 10 | 0.340 | | | | 3.40 | $41.45 | $2.35 |
| ***Subtotal - NROC*** | | | | | | **20.00** | | **$13.82** |
| ***Total For Service:*** | | | | | | **21.00** | | **$14.55** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DIRECTED CALL PICKUP WITHOUT BARGE-IN (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 12197 | **Direct Cost** | | | | $14.55 |
| 12198 | | | | | |
| 12199 | | | Cost Calculation | Cost Factor | Cost |
| 12200 | | | B C | D | E |
| 12201 | | | | | |
| 12202 | ***Directly Assigned*** | | | | |
| 12203 | Product Management Expense | | D12203*E12197 | 0.025565 | $0.37 |
| 12204 | Sales Expense | | D12204*E12197 | 0.009225 | $0.13 |
| 12205 | Product Advertising Expense | | D12205*E12197 | 0.000000 | $0.00 |
| 12206 | Business Fees (Other Operating Taxes) | | D12206*Sum(E12197:E12205) | 0.002025 | $0.03 |
| 12207 | ***Directly Assigned Costs*** | | Sum(E12197:E12206) | | $0.54 |
| 12208 | | | | | |
| 12209 | ***Total Direct Costs*** | | E12197+E12207 | | $15.08 |
| 12210 | | | | | |
| 12211 | ***Directly Attributed*** | | | | |
| 12212 | Network Operations | | D12212*E12209 | 0.040880 | $0.62 |
| 12213 | Network Support Assets | | D12213*E12209 | 0.015364 | $0.23 |
| 12214 | General Support Assets | | D12214*E12209 | 0.069508 | $1.05 |
| 12215 | General Purpose Computers | | D12215*E12209 | 0.034714 | $0.52 |
| 12216 | Uncollectible | | D12216*E12209 | 0.000401 | $0.01 |
| 12217 | Accounting & Finance Expense | | D12217*E12209 | 0.008839 | $0.13 |
| 12218 | Human Resources Expense | | D12218*E12209 | 0.008145 | $0.12 |
| 12219 | Information Management Expense | | D12219*E12209 | 0.057009 | $0.86 |
| 12220 | Intangibles | | D12220*E12209 | 0.002091 | $0.03 |
| 12221 | ***Directly Attributed Costs*** | | Sum(E12212:E12220) | | $3.57 |
| 12222 | | | | | |
| 12223 | ***TELRIC*** | | E12212+E12221 | | $18.66 |
| 12224 | | | | | |
| 12225 | ***Common*** | | | | |
| 12226 | Executive Expense | | D12226*E12223 | 0.007805 | $0.15 |
| 12227 | Planning Expense | | D12227*E12223 | 0.000580 | $0.01 |
| 12228 | External Relations Expense | | D12228*E12223 | 0.013029 | $0.24 |
| 12229 | Legal Expense | | D12229*E12223 | 0.006148 | $0.11 |
| 12230 | Other Procurement Expense | | D12230*E12223 | 0.002359 | $0.04 |
| 12231 | Research & Development Expense | | D12231*E12223 | 0.000036 | $0.00 |
| 12232 | Other General and Admin Expense | | D12232*E12223 | 0.015212 | $0.28 |
| 12233 | ***Common Costs*** | | Sum(E12226:E12232) | | $0.84 |
| 12234 | | | | | |
| 12235 | ***TELRIC + Common Costs*** | | E12223+E12233 | | $19.50 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DISTINCTIVE RING/DISTINCTIVE CALL WAITING*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***1st probability is % of switch type*** | | | | | | | | |
| Administration - SW1 | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Maintenance - SW1 | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| Administration - SW2 | 55 | 0.340 | | | | 18.70 | $41.45 | $12.92 |
| Maintenance - SW2 | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| ***Subtotal - NROC*** | | | | | | **42.10** | | **$29.08** |
| ***Total For Service:*** | | | | | | **42.10** | | **$29.08** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DISTINCTIVE RING/DISTINCTIVE CALL WAITING (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 12287 | **Direct Cost** | | | | $29.08 |
| 12288 | | | | | |
| 12289 | | Cost Calculation | | Cost Factor | Cost |
| 12290 | | B | C | D | E |
| 12291 | | | | | |
| 12292 | ***Directly Assigned*** | | | | |
| 12293 | Product Management Expense | D12293*E12287 | | 0.025565 | $0.74 |
| 12294 | Sales Expense | D12294*E12287 | | 0.009225 | $0.27 |
| 12295 | Product Advertising Expense | D12295*E12287 | | 0.000000 | $0.00 |
| 12296 | Business Fees (Other Operating Taxes) | D12296*Sum(E12287:E12295) | | 0.002025 | $0.06 |
| 12297 | ***Directly Assigned Costs*** | Sum(E12287:E12296) | | | $1.07 |
| 12298 | | | | | |
| 12299 | ***Total Direct Costs*** | E12287+E12297 | | | $30.16 |
| 12300 | | | | | |
| 12301 | ***Directly Attributed*** | | | | |
| 12302 | Network Operations | D12302*E12299 | | 0.040880 | $1.23 |
| 12303 | Network Support Assets | D12303*E12299 | | 0.015364 | $0.46 |
| 12304 | General Support Assets | D12304*E12299 | | 0.069508 | $2.10 |
| 12305 | General Purpose Computers | D12305*E12299 | | 0.034714 | $1.05 |
| 12306 | Uncollectible | D12306*E12299 | | 0.000401 | $0.01 |
| 12307 | Accounting & Finance Expense | D12307*E12299 | | 0.008839 | $0.27 |
| 12308 | Human Resources Expense | D12308*E12299 | | 0.008145 | $0.25 |
| 12309 | Information Management Expense | D12309*E12299 | | 0.057009 | $1.72 |
| 12310 | Intangibles | D12310*E12299 | | 0.002091 | $0.06 |
| 12311 | ***Directly Attributed Costs*** | Sum(E12302:E12310) | | | $7.15 |
| 12312 | | | | | |
| 12313 | ***TELRIC*** | E12302+E12311 | | | $37.30 |
| 12314 | | | | | |
| 12315 | ***Common*** | | | | |
| 12316 | Executive Expense | D12316*E12313 | | 0.007805 | $0.29 |
| 12317 | Planning Expense | D12317*E12313 | | 0.000580 | $0.02 |
| 12318 | External Relations Expense | D12318*E12313 | | 0.013029 | $0.49 |
| 12319 | Legal Expense | D12319*E12313 | | 0.006148 | $0.23 |
| 12320 | Other Procurement Expense | D12320*E12313 | | 0.002359 | $0.09 |
| 12321 | Research & Development Expense | D12321*E12313 | | 0.000036 | $0.00 |
| 12322 | Other General and Admin Expense | D12322*E12313 | | 0.015212 | $0.57 |
| 12323 | ***Common Costs*** | Sum(E12316:E12322) | | | $1.68 |
| 12324 | | | | | |
| 12325 | ***TELRIC + Common Costs*** | E12313+E12323 | | | $38.99 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***EXPENSIVE ROUTE WARNING TONE - PER SYSTEM*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| Maintenance - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Administration - sw2 | 45 | 0.340 | | | | 15.30 | $41.45 | $10.57 |
| Maintenance - sw2 | 40 | 0.340 | | | | 13.60 | $41.45 | $9.40 |
| ***Subtotal - NROC*** | | | | | | **75.10** | | **$51.88** |
| ***Total For Service:*** | | | | | | **75.10** | | **$51.88** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***EXPENSIVE ROUTE WARNING TONE - PER SYSTEM (con't)***

| | | | | |
|---|---|---|---|---|
| 12377 | **Direct Cost** | | | $51.88 |
| 12378 | | | | |
| 12379 | | Cost Calculation | Cost Factor | Cost |
| 12380 | | B | C D | E |
| 12381 | | | | |
| 12382 | ***Directly Assigned*** | | | |
| 12383 | Product Management Expense | D12383*E12377 | 0.025565 | $1.33 |
| 12384 | Sales Expense | D12384*E12377 | 0.009225 | $0.48 |
| 12385 | Product Advertising Expense | D12385*E12377 | 0.000000 | $0.00 |
| 12386 | Business Fees (Other Operating Taxes) | D12386*Sum(E12377:E12385) | 0.002025 | $0.11 |
| 12387 | ***Directly Assigned Costs*** | Sum(E12377:E12386) | | $1.91 |
| 12388 | | | | |
| 12389 | ***Total Direct Costs*** | E12377+E12387 | | $53.80 |
| 12390 | | | | |
| 12391 | ***Directly Attributed*** | | | |
| 12392 | Network Operations | D12392*E12389 | 0.040880 | $2.20 |
| 12393 | Network Support Assets | D12393*E12389 | 0.015364 | $0.83 |
| 12394 | General Support Assets | D12394*E12389 | 0.069508 | $3.74 |
| 12395 | General Purpose Computers | D12395*E12389 | 0.034714 | $1.87 |
| 12396 | Uncollectible | D12396*E12389 | 0.000401 | $0.02 |
| 12397 | Accounting & Finance Expense | D12397*E12389 | 0.008839 | $0.48 |
| 12398 | Human Resources Expense | D12398*E12389 | 0.008145 | $0.44 |
| 12399 | Information Management Expense | D12399*E12389 | 0.057009 | $3.07 |
| 12400 | Intangibles | D12400*E12389 | 0.002091 | $0.11 |
| 12401 | ***Directly Attributed Costs*** | Sum(E12392:E12400) | | $12.75 |
| 12402 | | | | |
| 12403 | ***TELRIC*** | E12392+E12401 | | $66.54 |
| 12404 | | | | |
| 12405 | ***Common*** | | | |
| 12406 | Executive Expense | D12406*E12403 | 0.007805 | $0.52 |
| 12407 | Planning Expense | D12407*E12403 | 0.000580 | $0.04 |
| 12408 | External Relations Expense | D12408*E12403 | 0.013029 | $0.87 |
| 12409 | Legal Expense | D12409*E12403 | 0.006148 | $0.41 |
| 12410 | Other Procurement Expense | D12410*E12403 | 0.002359 | $0.16 |
| 12411 | Research & Development Expense | D12411*E12403 | 0.000036 | $0.00 |
| 12412 | Other General and Admin Expense | D12412*E12403 | 0.015212 | $1.01 |
| 12413 | ***Common Costs*** | Sum(E12406:E12412) | | $3.01 |
| 12414 | | | | |
| 12415 | ***TELRIC + Common Costs*** | E12403+E12413 | | $69.55 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***FACILITY RESTRICTION LEVEL - PER SYSTEM*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| Maintenance - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - NROC*** | | | | | | **46.20** | | **$31.92** |
| ***Total For Service:*** | | | | | | **46.20** | | **$31.92** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***FACILITY RESTRICTION LEVEL - PER SYSTEM (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 12467 | **Direct Cost** | | | $31.92 |
| 12468 | | | | |
| 12469 | | | | |
| 12470 | | | | |
| 12471 | | | | |
| 12472 | ***Directly Assigned*** | | | |
| 12473 | Product Management Expense | D12473*E12467 | 0.025565 | $0.82 |
| 12474 | Sales Expense | D12474*E12467 | 0.009225 | $0.29 |
| 12475 | Product Advertising Expense | D12475*E12467 | 0.000000 | $0.00 |
| 12476 | Business Fees (Other Operating Taxes) | D12476*Sum(E12467:E12475) | 0.002025 | $0.07 |
| 12477 | ***Directly Assigned Costs*** | Sum(E12467:E12476) | | $1.18 |
| 12478 | | | | |
| 12479 | ***Total Direct Costs*** | E12467+E12477 | | $33.09 |
| 12480 | | | | |
| 12481 | ***Directly Attributed*** | | | |
| 12482 | Network Operations | D12482*E12479 | 0.040880 | $1.35 |
| 12483 | Network Support Assets | D12483*E12479 | 0.015364 | $0.51 |
| 12484 | General Support Assets | D12484*E12479 | 0.069508 | $2.30 |
| 12485 | General Purpose Computers | D12485*E12479 | 0.034714 | $1.15 |
| 12486 | Uncollectible | D12486*E12479 | 0.000401 | $0.01 |
| 12487 | Accounting & Finance Expense | D12487*E12479 | 0.008839 | $0.29 |
| 12488 | Human Resources Expense | D12488*E12479 | 0.008145 | $0.27 |
| 12489 | Information Management Expense | D12489*E12479 | 0.057009 | $1.89 |
| 12490 | Intangibles | D12490*E12479 | 0.002091 | $0.07 |
| 12491 | ***Directly Attributed Costs*** | Sum(E12482:E12490) | | $7.84 |
| 12492 | | | | |
| 12493 | ***TELRIC*** | E12482+E12491 | | $40.94 |
| 12494 | | | | |
| 12495 | ***Common*** | | | |
| 12496 | Executive Expense | D12496*E12493 | 0.007805 | $0.32 |
| 12497 | Planning Expense | D12497*E12493 | 0.000580 | $0.02 |
| 12498 | External Relations Expense | D12498*E12493 | 0.013029 | $0.53 |
| 12499 | Legal Expense | D12499*E12493 | 0.006148 | $0.25 |
| 12500 | Other Procurement Expense | D12500*E12493 | 0.002359 | $0.10 |
| 12501 | Research & Development Expense | D12501*E12493 | 0.000036 | $0.00 |
| 12502 | Other General and Admin Expense | D12502*E12493 | 0.015212 | $0.62 |
| 12503 | ***Common Costs*** | Sum(E12496:E12502) | | $1.85 |
| 12504 | | | | |
| 12505 | ***TELRIC + Common Costs*** | E12493+E12503 | | $42.78 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***GROUP INTERCOM - PER LINE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| **-NROC** | | | | | | | | |
| ***1st probability is average number of lines (200 lines in a system)*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| Administration - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| Maintenance - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| Administration - SW1 | 10 | 0.005 | 0.660 | | | 0.03 | $41.45 | $0.02 |
| Maintenance - SW1 | 10 | 0.005 | 0.660 | | | 0.03 | $41.45 | $0.02 |
| ***Subtotal - NROC*** | | | | | | **0.12** | | **$0.08** |
| ***Total For Service:*** | | | | | | **0.46** | | **$0.33** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***GROUP INTERCOM - PER LINE (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 12557 | **Direct Cost** | | | | | $0.33 |
| 12558 | | | | | | |
| 12559 | | Cost Calculation | | Cost Factor | Cost | |
| 12560 | | B | C | D | E | |
| 12561 | | | | | | |
| 12562 | ***Directly Assigned*** | | | | | |
| 12563 | Product Management Expense | D12563*E12557 | | 0.025565 | $0.01 | |
| 12564 | Sales Expense | D12564*E12557 | | 0.009225 | $0.00 | |
| 12565 | Product Advertising Expense | D12565*E12557 | | 0.000000 | $0.00 | |
| 12566 | Business Fees (Other Operating Taxes) | D12566*Sum(E12557:E12565) | | 0.002025 | $0.00 | |
| 12567 | ***Directly Assigned Costs*** | Sum(E12557:E12566) | | | $0.01 | |
| 12568 | | | | | | |
| 12569 | ***Total Direct Costs*** | E12557+E12567 | | | $0.34 | |
| 12570 | | | | | | |
| 12571 | ***Directly Attributed*** | | | | | |
| 12572 | Network Operations | D12572*E12569 | | 0.040880 | $0.01 | |
| 12573 | Network Support Assets | D12573*E12569 | | 0.015364 | $0.01 | |
| 12574 | General Support Assets | D12574*E12569 | | 0.069508 | $0.02 | |
| 12575 | General Purpose Computers | D12575*E12569 | | 0.034714 | $0.01 | |
| 12576 | Uncollectible | D12576*E12569 | | 0.000401 | $0.00 | |
| 12577 | Accounting & Finance Expense | D12577*E12569 | | 0.008839 | $0.00 | |
| 12578 | Human Resources Expense | D12578*E12569 | | 0.008145 | $0.00 | |
| 12579 | Information Management Expense | D12579*E12569 | | 0.057009 | $0.02 | |
| 12580 | Intangibles | D12580*E12569 | | 0.002091 | $0.00 | |
| 12581 | ***Directly Attributed Costs*** | Sum(E12572:E12580) | | | $0.08 | |
| 12582 | | | | | | |
| 12583 | ***TELRIC*** | E12572+E12581 | | | $0.42 | |
| 12584 | | | | | | |
| 12585 | ***Common*** | | | | | |
| 12586 | Executive Expense | D12586*E12583 | | 0.007805 | $0.00 | |
| 12587 | Planning Expense | D12587*E12583 | | 0.000580 | $0.00 | |
| 12588 | External Relations Expense | D12588*E12583 | | 0.013029 | $0.01 | |
| 12589 | Legal Expense | D12589*E12583 | | 0.006148 | $0.00 | |
| 12590 | Other Procurement Expense | D12590*E12583 | | 0.002359 | $0.00 | |
| 12591 | Research & Development Expense | D12591*E12583 | | 0.000036 | $0.00 | |
| 12592 | Other General and Admin Expense | D12592*E12583 | | 0.015212 | $0.01 | |
| 12593 | ***Common Costs*** | Sum(E12586:E12592) | | | $0.02 | |
| 12594 | | | | | | |
| 12595 | ***TELRIC + Common Costs*** | E12583+E12593 | | | $0.44 | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***HOT LINE - per line equipped, per line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st column = times per line*** | | | | | | | | |
| ***2nd column = % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| ***Total For Service:*** | | | | | | **1.00** | | **$0.73** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***HOT LINE - per line equipped, per line (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 12647 | **Direct Cost** | | | | $0.73 |
| 12648 | | | | | |
| 12649 | | | | | |
| 12650 | | | | | |
| 12651 | | | | | |
| 12652 | ***Directly Assigned*** | | | | |
| 12653 | Product Management Expense | D12653*E12647 | | 0.025565 | $0.02 |
| 12654 | Sales Expense | D12654*E12647 | | 0.009225 | $0.01 |
| 12655 | Product Advertising Expense | D12655*E12647 | | 0.000000 | $0.00 |
| 12656 | Business Fees (Other Operating Taxes) | D12656*Sum(E12647:E12655) | | 0.002025 | $0.00 |
| 12657 | ***Directly Assigned Costs*** | Sum(E12647:E12656) | | | $0.03 |
| 12658 | | | | | |
| 12659 | ***Total Direct Costs*** | E12647+E12657 | | | $0.76 |
| 12660 | | | | | |
| 12661 | ***Directly Attributed*** | | | | |
| 12662 | Network Operations | D12662*E12659 | | 0.040880 | $0.03 |
| 12663 | Network Support Assets | D12663*E12659 | | 0.015364 | $0.01 |
| 12664 | General Support Assets | D12664*E12659 | | 0.069508 | $0.05 |
| 12665 | General Purpose Computers | D12665*E12659 | | 0.034714 | $0.03 |
| 12666 | Uncollectible | D12666*E12659 | | 0.000401 | $0.00 |
| 12667 | Accounting & Finance Expense | D12667*E12659 | | 0.008839 | $0.01 |
| 12668 | Human Resources Expense | D12668*E12659 | | 0.008145 | $0.01 |
| 12669 | Information Management Expense | D12669*E12659 | | 0.057009 | $0.04 |
| 12670 | Intangibles | D12670*E12659 | | 0.002091 | $0.00 |
| 12671 | ***Directly Attributed Costs*** | Sum(E12662:E12670) | | | $0.18 |
| 12672 | | | | | |
| 12673 | ***TELRIC*** | E12662+E12671 | | | $0.94 |
| 12674 | | | | | |
| 12675 | ***Common*** | | | | |
| 12676 | Executive Expense | D12676*E12673 | | 0.007805 | $0.01 |
| 12677 | Planning Expense | D12677*E12673 | | 0.000580 | $0.00 |
| 12678 | External Relations Expense | D12678*E12673 | | 0.013029 | $0.01 |
| 12679 | Legal Expense | D12679*E12673 | | 0.006148 | $0.01 |
| 12680 | Other Procurement Expense | D12680*E12673 | | 0.002359 | $0.00 |
| 12681 | Research & Development Expense | D12681*E12673 | | 0.000036 | $0.00 |
| 12682 | Other General and Admin Expense | D12682*E12673 | | 0.015212 | $0.01 |
| 12683 | ***Common Costs*** | Sum(E12676:E12682) | | | $0.04 |
| 12684 | | | | | |
| 12685 | ***TELRIC + Common Costs*** | E12673+E12683 | | | $0.98 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***HUNTING - MULTIPOSITION HUNT QUEUING - per group*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Maintenance - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - NROC*** | | | | | | **39.60** | | **$27.36** |
| ***Total For Service:*** | | | | | | **40.26** | | **$27.84** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***HUNTING - MULTIPOSITION HUNT QUEUING - per group (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 12737 | **Direct Cost** | | | | $27.84 |
| 12738 | | | | | |
| 12739 | | | | | |
| 12740 | | | | | |
| 12741 | | | | | |
| 12742 | ***Directly Assigned*** | | | | |
| 12743 | Product Management Expense | D12743*E12737 | | 0.025565 | $0.71 |
| 12744 | Sales Expense | D12744*E12737 | | 0.009225 | $0.26 |
| 12745 | Product Advertising Expense | D12745*E12737 | | 0.000000 | $0.00 |
| 12746 | Business Fees (Other Operating Taxes) | D12746*Sum(E12737:E12745) | | 0.002025 | $0.06 |
| 12747 | ***Directly Assigned Costs*** | Sum(E12737:E12746) | | | $1.03 |
| 12748 | | | | | |
| 12749 | ***Total Direct Costs*** | E12737+E12747 | | | $28.87 |
| 12750 | | | | | |
| 12751 | ***Directly Attributed*** | | | | |
| 12752 | Network Operations | D12752*E12749 | | 0.040880 | $1.18 |
| 12753 | Network Support Assets | D12753*E12749 | | 0.015364 | $0.44 |
| 12754 | General Support Assets | D12754*E12749 | | 0.069508 | $2.01 |
| 12755 | General Purpose Computers | D12755*E12749 | | 0.034714 | $1.00 |
| 12756 | Uncollectible | D12756*E12749 | | 0.000401 | $0.01 |
| 12757 | Accounting & Finance Expense | D12757*E12749 | | 0.008839 | $0.26 |
| 12758 | Human Resources Expense | D12758*E12749 | | 0.008145 | $0.24 |
| 12759 | Information Management Expense | D12759*E12749 | | 0.057009 | $1.65 |
| 12760 | Intangibles | D12760*E12749 | | 0.002091 | $0.06 |
| 12761 | ***Directly Attributed Costs*** | Sum(E12752:E12760) | | | $6.84 |
| 12762 | | | | | |
| 12763 | ***TELRIC*** | E12752+E12761 | | | $35.71 |
| 12764 | | | | | |
| 12765 | ***Common*** | | | | |
| 12766 | Executive Expense | D12766*E12763 | | 0.007805 | $0.28 |
| 12767 | Planning Expense | D12767*E12763 | | 0.000580 | $0.02 |
| 12768 | External Relations Expense | D12768*E12763 | | 0.013029 | $0.47 |
| 12769 | Legal Expense | D12769*E12763 | | 0.006148 | $0.22 |
| 12770 | Other Procurement Expense | D12770*E12763 | | 0.002359 | $0.08 |
| 12771 | Research & Development Expense | D12771*E12763 | | 0.000036 | $0.00 |
| 12772 | Other General and Admin Expense | D12772*E12763 | | 0.015212 | $0.54 |
| 12773 | ***Common Costs*** | Sum(E12766:E12772) | | | $1.61 |
| 12774 | | | | | |
| 12775 | ***TELRIC + Common Costs*** | E12763+E12773 | | | $37.32 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Maintenance - sw1 | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - NROC*** | | | | | | **39.60** | | **$27.36** |
| ***Total For Service:*** | | | | | | **40.26** | | **$27.84** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***HUNTING: MULTIPOSITION WITH ANNOUCEMENT IN QUEUE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 12827 | **Direct Cost** | | | | $27.84 |
| 12828 | | | | | |
| 12829 | | | | | |
| 12830 | | | | | |
| 12831 | | | | | |
| 12832 | ***Directly Assigned*** | | | | |
| 12833 | Product Management Expense | D12833*E12827 | | 0.025565 | $0.71 |
| 12834 | Sales Expense | D12834*E12827 | | 0.009225 | $0.26 |
| 12835 | Product Advertising Expense | D12835*E12827 | | 0.000000 | $0.00 |
| 12836 | Business Fees (Other Operating Taxes) | D12836*Sum(E12827:E12835) | | 0.002025 | $0.06 |
| 12837 | ***Directly Assigned Costs*** | Sum(E12827:E12836) | | | $1.03 |
| 12838 | | | | | |
| 12839 | ***Total Direct Costs*** | E12827+E12837 | | | $28.87 |
| 12840 | | | | | |
| 12841 | ***Directly Attributed*** | | | | |
| 12842 | Network Operations | D12842*E12839 | | 0.040880 | $1.18 |
| 12843 | Network Support Assets | D12843*E12839 | | 0.015364 | $0.44 |
| 12844 | General Support Assets | D12844*E12839 | | 0.069508 | $2.01 |
| 12845 | General Purpose Computers | D12845*E12839 | | 0.034714 | $1.00 |
| 12846 | Uncollectible | D12846*E12839 | | 0.000401 | $0.01 |
| 12847 | Accounting & Finance Expense | D12847*E12839 | | 0.008839 | $0.26 |
| 12848 | Human Resources Expense | D12848*E12839 | | 0.008145 | $0.24 |
| 12849 | Information Management Expense | D12849*E12839 | | 0.057009 | $1.65 |
| 12850 | Intangibles | D12850*E12839 | | 0.002091 | $0.06 |
| 12851 | ***Directly Attributed Costs*** | Sum(E12842:E12850) | | | $6.84 |
| 12852 | | | | | |
| 12853 | ***TELRIC*** | E12842+E12851 | | | $35.71 |
| 12854 | | | | | |
| 12855 | ***Common*** | | | | |
| 12856 | Executive Expense | D12856*E12853 | | 0.007805 | $0.28 |
| 12857 | Planning Expense | D12857*E12853 | | 0.000580 | $0.02 |
| 12858 | External Relations Expense | D12858*E12853 | | 0.013029 | $0.47 |
| 12859 | Legal Expense | D12859*E12853 | | 0.006148 | $0.22 |
| 12860 | Other Procurement Expense | D12860*E12853 | | 0.002359 | $0.08 |
| 12861 | Research & Development Expense | D12861*E12853 | | 0.000036 | $0.00 |
| 12862 | Other General and Admin Expense | D12862*E12853 | | 0.015212 | $0.54 |
| 12863 | ***Common Costs*** | Sum(E12856:E12862) | | | $1.61 |
| 12864 | | | | | |
| 12865 | ***TELRIC + Common Costs*** | E12853+E12863 | | | $37.32 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 30 | 0.660 | | | | 19.80 | $43.81 | $14.46 |
| Translations - SW1 | 30 | 0.660 | | | | 19.80 | $43.81 | $14.46 |
| ***Subtotal - NROC*** | | | | | | **39.60** | | **$28.91** |
| ***Total For Service:*** | | | | | | **40.26** | | **$29.40** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***HUNTING: MULTIPOSITION WITH MUSIC IN QUEUE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 12917 | **Direct Cost** | | | | $29.40 |
| 12918 | | | | | |
| 12919 | | Cost Calculation | | Cost Factor | Cost |
| 12920 | | B | C | D | E |
| 12921 | | | | | |
| 12922 | ***Directly Assigned*** | | | | |
| 12923 | Product Management Expense | D12923*E12917 | | 0.025565 | $0.75 |
| 12924 | Sales Expense | D12924*E12917 | | 0.009225 | $0.27 |
| 12925 | Product Advertising Expense | D12925*E12917 | | 0.000000 | $0.00 |
| 12926 | Business Fees (Other Operating Taxes) | D12926*Sum(E12917:E12925) | | 0.002025 | $0.06 |
| 12927 | ***Directly Assigned Costs*** | Sum(E12917:E12926) | | | $1.08 |
| 12928 | | | | | |
| 12929 | ***Total Direct Costs*** | E12917+E12927 | | | $30.48 |
| 12930 | | | | | |
| 12931 | ***Directly Attributed*** | | | | |
| 12932 | Network Operations | D12932*E12929 | | 0.040880 | $1.25 |
| 12933 | Network Support Assets | D12933*E12929 | | 0.015364 | $0.47 |
| 12934 | General Support Assets | D12934*E12929 | | 0.069508 | $2.12 |
| 12935 | General Purpose Computers | D12935*E12929 | | 0.034714 | $1.06 |
| 12936 | Uncollectible | D12936*E12929 | | 0.000401 | $0.01 |
| 12937 | Accounting & Finance Expense | D12937*E12929 | | 0.008839 | $0.27 |
| 12938 | Human Resources Expense | D12938*E12929 | | 0.008145 | $0.25 |
| 12939 | Information Management Expense | D12939*E12929 | | 0.057009 | $1.74 |
| 12940 | Intangibles | D12940*E12929 | | 0.002091 | $0.06 |
| 12941 | ***Directly Attributed Costs*** | Sum(E12932:E12940) | | | $7.22 |
| 12942 | | | | | |
| 12943 | ***TELRIC*** | E12932+E12941 | | | $37.70 |
| 12944 | | | | | |
| 12945 | ***Common*** | | | | |
| 12946 | Executive Expense | D12946*E12943 | | 0.007805 | $0.29 |
| 12947 | Planning Expense | D12947*E12943 | | 0.000580 | $0.02 |
| 12948 | External Relations Expense | D12948*E12943 | | 0.013029 | $0.49 |
| 12949 | Legal Expense | D12949*E12943 | | 0.006148 | $0.23 |
| 12950 | Other Procurement Expense | D12950*E12943 | | 0.002359 | $0.09 |
| 12951 | Research & Development Expense | D12951*E12943 | | 0.000036 | $0.00 |
| 12952 | Other General and Admin Expense | D12952*E12943 | | 0.015212 | $0.57 |
| 12953 | ***Common Costs*** | Sum(E12946:E12952) | | | $1.70 |
| 12954 | | | | | |
| 12955 | ***TELRIC + Common Costs*** | E12943+E12953 | | | $39.41 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ISDN SHORT HUNT*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 3 | 0.340 | | | | 1.02 | $43.81 | $0.74 |
| ***Subtotal - RCMAC*** | | | | | | **1.68** | | **$1.23** |
| ***Total For Service:*** | | | | | | **1.68** | | **$1.23** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ISDN SHORT HUNT (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13007 | **Direct Cost** | | | | $1.23 |
| 13008 | | | | | |
| 13009 | | | | | |
| 13010 | | Cost Calculation | | Cost Factor | Cost |
| 13011 | | B | C | D | E |
| 13012 | ***Directly Assigned*** | | | | |
| 13013 | Product Management Expense | D13013*E13007 | | 0.025565 | $0.03 |
| 13014 | Sales Expense | D13014*E13007 | | 0.009225 | $0.01 |
| 13015 | Product Advertising Expense | D13015*E13007 | | 0.000000 | $0.00 |
| 13016 | Business Fees (Other Operating Taxes) | D13016*Sum(E13007:E13015) | | 0.002025 | $0.00 |
| 13017 | ***Directly Assigned Costs*** | Sum(E13007:E13016) | | | $0.05 |
| 13018 | | | | | |
| 13019 | ***Total Direct Costs*** | E13007+E13017 | | | $1.27 |
| 13020 | | | | | |
| 13021 | ***Directly Attributed*** | | | | |
| 13022 | Network Operations | D13022*E13019 | | 0.040880 | $0.05 |
| 13023 | Network Support Assets | D13023*E13019 | | 0.015364 | $0.02 |
| 13024 | General Support Assets | D13024*E13019 | | 0.069508 | $0.09 |
| 13025 | General Purpose Computers | D13025*E13019 | | 0.034714 | $0.04 |
| 13026 | Uncollectible | D13026*E13019 | | 0.000401 | $0.00 |
| 13027 | Accounting & Finance Expense | D13027*E13019 | | 0.008839 | $0.01 |
| 13028 | Human Resources Expense | D13028*E13019 | | 0.008145 | $0.01 |
| 13029 | Information Management Expense | D13029*E13019 | | 0.057009 | $0.07 |
| 13030 | Intangibles | D13030*E13019 | | 0.002091 | $0.00 |
| 13031 | ***Directly Attributed Costs*** | Sum(E13022:E13030) | | | $0.30 |
| 13032 | | | | | |
| 13033 | ***TELRIC*** | E13022+E13031 | | | $1.57 |
| 13034 | | | | | |
| 13035 | ***Common*** | | | | |
| 13036 | Executive Expense | D13036*E13033 | | 0.007805 | $0.01 |
| 13037 | Planning Expense | D13037*E13033 | | 0.000580 | $0.00 |
| 13038 | External Relations Expense | D13038*E13033 | | 0.013029 | $0.02 |
| 13039 | Legal Expense | D13039*E13033 | | 0.006148 | $0.01 |
| 13040 | Other Procurement Expense | D13040*E13033 | | 0.002359 | $0.00 |
| 13041 | Research & Development Expense | D13041*E13033 | | 0.000036 | $0.00 |
| 13042 | Other General and Admin Expense | D13042*E13033 | | 0.015212 | $0.02 |
| 13043 | ***Common Costs*** | Sum(E13036:E13042) | | | $0.07 |
| 13044 | | | | | |
| 13045 | ***TELRIC + Common Costs*** | E13033+E13043 | | | $1.64 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***LOUDSPEAKER PAGING TRUNK SIDE, per group*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-NROC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 105 | 0.660 | | | | 69.30 | $41.45 | $47.87 |
| Maintenance - sw1 | 80 | 0.660 | | | | 52.80 | $41.45 | $36.48 |
| Administration - sw2 | 85 | 0.340 | | | | 28.90 | $41.45 | $19.97 |
| Maintenance - sw2 | 95 | 0.340 | | | | 32.30 | $41.45 | $22.31 |
| ***Subtotal - NROC*** | | | | | | **183.30** | | **$126.63** |
| ***Total For Service:*** | | | | | | **184.30** | | **$127.36** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***LOUDSPEAKER PAGING TRUNK SIDE, per group (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13097 | **Direct Cost** | | | | $127.36 |
| 13098 | | | | | |
| 13099 | | Cost Calculation | | Cost Factor | Cost |
| 13100 | | B | C | D | E |
| 13101 | | | | | |
| 13102 | ***Directly Assigned*** | | | | |
| 13103 | Product Management Expense | D13103*E13097 | | 0.025565 | $3.26 |
| 13104 | Sales Expense | D13104*E13097 | | 0.009225 | $1.17 |
| 13105 | Product Advertising Expense | D13105*E13097 | | 0.000000 | $0.00 |
| 13106 | Business Fees (Other Operating Taxes) | D13106*Sum(E13097:E13105) | | 0.002025 | $0.27 |
| 13107 | ***Directly Assigned Costs*** | Sum(E13097:E13106) | | | $4.70 |
| 13108 | | | | | |
| 13109 | ***Total Direct Costs*** | E13097+E13107 | | | $132.06 |
| 13110 | | | | | |
| 13111 | ***Directly Attributed*** | | | | |
| 13112 | Network Operations | D13112*E13109 | | 0.040880 | $5.40 |
| 13113 | Network Support Assets | D13113*E13109 | | 0.015364 | $2.03 |
| 13114 | General Support Assets | D13114*E13109 | | 0.069508 | $9.18 |
| 13115 | General Purpose Computers | D13115*E13109 | | 0.034714 | $4.58 |
| 13116 | Uncollectible | D13116*E13109 | | 0.000401 | $0.05 |
| 13117 | Accounting & Finance Expense | D13117*E13109 | | 0.008839 | $1.17 |
| 13118 | Human Resources Expense | D13118*E13109 | | 0.008145 | $1.08 |
| 13119 | Information Management Expense | D13119*E13109 | | 0.057009 | $7.53 |
| 13120 | Intangibles | D13120*E13109 | | 0.002091 | $0.28 |
| 13121 | ***Directly Attributed Costs*** | Sum(E13112:E13120) | | | $31.29 |
| 13122 | | | | | |
| 13123 | ***TELRIC*** | E13112+E13121 | | | $163.35 |
| 13124 | | | | | |
| 13125 | ***Common*** | | | | |
| 13126 | Executive Expense | D13126*E13123 | | 0.007805 | $1.27 |
| 13127 | Planning Expense | D13127*E13123 | | 0.000580 | $0.09 |
| 13128 | External Relations Expense | D13128*E13123 | | 0.013029 | $2.13 |
| 13129 | Legal Expense | D13129*E13123 | | 0.006148 | $1.00 |
| 13130 | Other Procurement Expense | D13130*E13123 | | 0.002359 | $0.39 |
| 13131 | Research & Development Expense | D13131*E13123 | | 0.000036 | $0.01 |
| 13132 | Other General and Admin Expense | D13132*E13123 | | 0.015212 | $2.48 |
| 13133 | ***Common Costs*** | Sum(E13126:E13132) | | | $7.38 |
| 13134 | | | | | |
| 13135 | ***TELRIC + Common Costs*** | E13123+E13133 | | | $170.73 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MAKE BUSY ARRANGEMENTS, per group*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| ***Total For Service:*** | | | | | | **0.66** | | **$0.48** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MAKE BUSY ARRANGEMENTS, per group (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 13187 | **Direct Cost** | | | $0.48 |
| 13188 | | | | |
| 13189 | | | | |
| 13190 | | | | |
| 13191 | | | | |
| 13192 | ***Directly Assigned*** | | | |
| 13193 | Product Management Expense | D13193*E13187 | 0.025565 | $0.01 |
| 13194 | Sales Expense | D13194*E13187 | 0.009225 | $0.00 |
| 13195 | Product Advertising Expense | D13195*E13187 | 0.000000 | $0.00 |
| 13196 | Business Fees (Other Operating Taxes) | D13196*Sum(E13187:E13195) | 0.002025 | $0.00 |
| 13197 | ***Directly Assigned Costs*** | Sum(E13187:E13196) | | $0.02 |
| 13198 | | | | |
| 13199 | ***Total Direct Costs*** | E13187+E13197 | | $0.50 |
| 13200 | | | | |
| 13201 | ***Directly Attributed*** | | | |
| 13202 | Network Operations | D13202*E13199 | 0.040880 | $0.02 |
| 13203 | Network Support Assets | D13203*E13199 | 0.015364 | $0.01 |
| 13204 | General Support Assets | D13204*E13199 | 0.069508 | $0.03 |
| 13205 | General Purpose Computers | D13205*E13199 | 0.034714 | $0.02 |
| 13206 | Uncollectible | D13206*E13199 | 0.000401 | $0.00 |
| 13207 | Accounting & Finance Expense | D13207*E13199 | 0.008839 | $0.00 |
| 13208 | Human Resources Expense | D13208*E13199 | 0.008145 | $0.00 |
| 13209 | Information Management Expense | D13209*E13199 | 0.057009 | $0.03 |
| 13210 | Intangibles | D13210*E13199 | 0.002091 | $0.00 |
| 13211 | ***Directly Attributed Costs*** | Sum(E13202:E13210) | | $0.12 |
| 13212 | | | | |
| 13213 | ***TELRIC*** | E13202+E13211 | | $0.62 |
| 13214 | | | | |
| 13215 | ***Common*** | | | |
| 13216 | Executive Expense | D13216*E13213 | 0.007805 | $0.00 |
| 13217 | Planning Expense | D13217*E13213 | 0.000580 | $0.00 |
| 13218 | External Relations Expense | D13218*E13213 | 0.013029 | $0.01 |
| 13219 | Legal Expense | D13219*E13213 | 0.006148 | $0.00 |
| 13220 | Other Procurement Expense | D13220*E13213 | 0.002359 | $0.00 |
| 13221 | Research & Development Expense | D13221*E13213 | 0.000036 | $0.00 |
| 13222 | Other General and Admin Expense | D13222*E13213 | 0.015212 | $0.01 |
| 13223 | ***Common Costs*** | Sum(E13216:E13222) | | $0.03 |
| 13224 | | | | |
| 13225 | ***TELRIC + Common Costs*** | E13213+E13223 | | $0.65 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MAKE BUSY ARRANGEMENTS, per line*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| ***Total For Service:*** | | | | | | **0.66** | | **$0.48** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MAKE BUSY ARRANGEMENTS, per line (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 13277 | **Direct Cost** | | | $0.48 |
| 13278 | | | | |
| 13279 | | | | |
| 13280 | | | | |
| 13281 | | | | |
| 13282 | ***Directly Assigned*** | | | |
| 13283 | Product Management Expense | D13283*E13277 | 0.025565 | $0.01 |
| 13284 | Sales Expense | D13284*E13277 | 0.009225 | $0.00 |
| 13285 | Product Advertising Expense | D13285*E13277 | 0.000000 | $0.00 |
| 13286 | Business Fees (Other Operating Taxes) | D13286*Sum(E13277:E13285) | 0.002025 | $0.00 |
| 13287 | ***Directly Assigned Costs*** | Sum(E13277:E13286) | | $0.02 |
| 13288 | | | | |
| 13289 | ***Total Direct Costs*** | E13277+E13287 | | $0.50 |
| 13290 | | | | |
| 13291 | ***Directly Attributed*** | | | |
| 13292 | Network Operations | D13292*E13289 | 0.040880 | $0.02 |
| 13293 | Network Support Assets | D13293*E13289 | 0.015364 | $0.01 |
| 13294 | General Support Assets | D13294*E13289 | 0.069508 | $0.03 |
| 13295 | General Purpose Computers | D13295*E13289 | 0.034714 | $0.02 |
| 13296 | Uncollectible | D13296*E13289 | 0.000401 | $0.00 |
| 13297 | Accounting & Finance Expense | D13297*E13289 | 0.008839 | $0.00 |
| 13298 | Human Resources Expense | D13298*E13289 | 0.008145 | $0.00 |
| 13299 | Information Management Expense | D13299*E13289 | 0.057009 | $0.03 |
| 13300 | Intangibles | D13300*E13289 | 0.002091 | $0.00 |
| 13301 | ***Directly Attributed Costs*** | Sum(E13292:E13300) | | $0.12 |
| 13302 | | | | |
| 13303 | ***TELRIC*** | E13292+E13301 | | $0.62 |
| 13304 | | | | |
| 13305 | ***Common*** | | | |
| 13306 | Executive Expense | D13306*E13303 | 0.007805 | $0.00 |
| 13307 | Planning Expense | D13307*E13303 | 0.000580 | $0.00 |
| 13308 | External Relations Expense | D13308*E13303 | 0.013029 | $0.01 |
| 13309 | Legal Expense | D13309*E13303 | 0.006148 | $0.00 |
| 13310 | Other Procurement Expense | D13310*E13303 | 0.002359 | $0.00 |
| 13311 | Research & Development Expense | D13311*E13303 | 0.000036 | $0.00 |
| 13312 | Other General and Admin Expense | D13312*E13303 | 0.015212 | $0.01 |
| 13313 | ***Common Costs*** | Sum(E13306:E13312) | | $0.03 |
| 13314 | | | | |
| 13315 | ***TELRIC + Common Costs*** | E13303+E13313 | | $0.65 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MESSAGE CENTER - per main station line, per line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MESSAGE CENTER - per main station line, per line (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13367 | **Direct Cost** | | | | $0.25 |
| 13368 | | | | | |
| 13369 | | Cost Calculation | | Cost Factor | Cost |
| 13370 | | B | C | D | E |
| 13371 | | | | | |
| 13372 | ***Directly Assigned*** | | | | |
| 13373 | Product Management Expense | D13373*E13367 | | 0.025565 | $0.01 |
| 13374 | Sales Expense | D13374*E13367 | | 0.009225 | $0.00 |
| 13375 | Product Advertising Expense | D13375*E13367 | | 0.000000 | $0.00 |
| 13376 | Business Fees (Other Operating Taxes) | D13376*Sum(E13367:E13375) | | 0.002025 | $0.00 |
| 13377 | ***Directly Assigned Costs*** | Sum(E13367:E13376) | | | $0.01 |
| 13378 | | | | | |
| 13379 | ***Total Direct Costs*** | E13367+E13377 | | | $0.26 |
| 13380 | | | | | |
| 13381 | ***Directly Attributed*** | | | | |
| 13382 | Network Operations | D13382*E13379 | | 0.040880 | $0.01 |
| 13383 | Network Support Assets | D13383*E13379 | | 0.015364 | $0.00 |
| 13384 | General Support Assets | D13384*E13379 | | 0.069508 | $0.02 |
| 13385 | General Purpose Computers | D13385*E13379 | | 0.034714 | $0.01 |
| 13386 | Uncollectible | D13386*E13379 | | 0.000401 | $0.00 |
| 13387 | Accounting & Finance Expense | D13387*E13379 | | 0.008839 | $0.00 |
| 13388 | Human Resources Expense | D13388*E13379 | | 0.008145 | $0.00 |
| 13389 | Information Management Expense | D13389*E13379 | | 0.057009 | $0.01 |
| 13390 | Intangibles | D13390*E13379 | | 0.002091 | $0.00 |
| 13391 | ***Directly Attributed Costs*** | Sum(E13382:E13390) | | | $0.06 |
| 13392 | | | | | |
| 13393 | ***TELRIC*** | E13382+E13391 | | | $0.32 |
| 13394 | | | | | |
| 13395 | ***Common*** | | | | |
| 13396 | Executive Expense | D13396*E13393 | | 0.007805 | $0.00 |
| 13397 | Planning Expense | D13397*E13393 | | 0.000580 | $0.00 |
| 13398 | External Relations Expense | D13398*E13393 | | 0.013029 | $0.00 |
| 13399 | Legal Expense | D13399*E13393 | | 0.006148 | $0.00 |
| 13400 | Other Procurement Expense | D13400*E13393 | | 0.002359 | $0.00 |
| 13401 | Research & Development Expense | D13401*E13393 | | 0.000036 | $0.00 |
| 13402 | Other General and Admin Expense | D13402*E13393 | | 0.015212 | $0.00 |
| 13403 | ***Common Costs*** | Sum(E13396:E13402) | | | $0.01 |
| 13404 | | | | | |
| 13405 | ***TELRIC + Common Costs*** | E13393+E13403 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MESSAGE WAITING VISUAL, per line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MESSAGE WAITING VISUAL, per line (con't)***

| | | Cost Calculation | | Cost Factor | Cost |
|---|---|---|---|---|---|
| | | B | C | D | E |
| 13457 | **Direct Cost** | | | | $0.25 |
| 13458 | | | | | |
| 13459 | | | | | |
| 13460 | | | | | |
| 13461 | | | | | |
| 13462 | ***Directly Assigned*** | | | | |
| 13463 | Product Management Expense | D13463*E13457 | | 0.025565 | $0.01 |
| 13464 | Sales Expense | D13464*E13457 | | 0.009225 | $0.00 |
| 13465 | Product Advertising Expense | D13465*E13457 | | 0.000000 | $0.00 |
| 13466 | Business Fees (Other Operating Taxes) | D13466*Sum(E13457:E13465) | | 0.002025 | $0.00 |
| 13467 | ***Directly Assigned Costs*** | Sum(E13457:E13466) | | | $0.01 |
| 13468 | | | | | |
| 13469 | ***Total Direct Costs*** | E13457+E13467 | | | $0.26 |
| 13470 | | | | | |
| 13471 | ***Directly Attributed*** | | | | |
| 13472 | Network Operations | D13472*E13469 | | 0.040880 | $0.01 |
| 13473 | Network Support Assets | D13473*E13469 | | 0.015364 | $0.00 |
| 13474 | General Support Assets | D13474*E13469 | | 0.069508 | $0.02 |
| 13475 | General Purpose Computers | D13475*E13469 | | 0.034714 | $0.01 |
| 13476 | Uncollectible | D13476*E13469 | | 0.000401 | $0.00 |
| 13477 | Accounting & Finance Expense | D13477*E13469 | | 0.008839 | $0.00 |
| 13478 | Human Resources Expense | D13478*E13469 | | 0.008145 | $0.00 |
| 13479 | Information Management Expense | D13479*E13469 | | 0.057009 | $0.01 |
| 13480 | Intangibles | D13480*E13469 | | 0.002091 | $0.00 |
| 13481 | ***Directly Attributed Costs*** | Sum(E13472:E13480) | | | $0.06 |
| 13482 | | | | | |
| 13483 | ***TELRIC*** | E13472+E13481 | | | $0.32 |
| 13484 | | | | | |
| 13485 | ***Common*** | | | | |
| 13486 | Executive Expense | D13486*E13483 | | 0.007805 | $0.00 |
| 13487 | Planning Expense | D13487*E13483 | | 0.000580 | $0.00 |
| 13488 | External Relations Expense | D13488*E13483 | | 0.013029 | $0.00 |
| 13489 | Legal Expense | D13489*E13483 | | 0.006148 | $0.00 |
| 13490 | Other Procurement Expense | D13490*E13483 | | 0.002359 | $0.00 |
| 13491 | Research & Development Expense | D13491*E13483 | | 0.000036 | $0.00 |
| 13492 | Other General and Admin Expense | D13492*E13483 | | 0.015212 | $0.00 |
| 13493 | ***Common Costs*** | Sum(E13486:E13492) | | | $0.01 |
| 13494 | | | | | |
| 13495 | ***TELRIC + Common Costs*** | E13483+E13493 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MUSIC ON HOLD - per system*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| -NROC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw2 | 35 | 0.340 | | | | 11.90 | $41.45 | $8.22 |
| Maintenance - sw2 | 35 | 0.340 | | | | 11.90 | $41.45 | $8.22 |
| ***Subtotal - NROC*** | | | | | | **23.80** | | **$16.44** |
| ***Total For Service:*** | | | | | | **24.14** | | **$16.69** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***MUSIC ON HOLD - per system (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13547 | **Direct Cost** | | | | $16.69 |
| 13548 | | | | | |
| 13549 | | Cost Calculation | | Cost Factor | Cost |
| 13550 | | | | | |
| 13551 | | B | C | D | E |
| 13552 | ***Directly Assigned*** | | | | |
| 13553 | Product Management Expense | D13553*E13547 | | 0.025565 | $0.43 |
| 13554 | Sales Expense | D13554*E13547 | | 0.009225 | $0.15 |
| 13555 | Product Advertising Expense | D13555*E13547 | | 0.000000 | $0.00 |
| 13556 | Business Fees (Other Operating Taxes) | D13556*Sum(E13547:E13555) | | 0.002025 | $0.03 |
| 13557 | ***Directly Assigned Costs*** | Sum(E13547:E13556) | | | $0.62 |
| 13558 | | | | | |
| 13559 | ***Total Direct Costs*** | E13547+E13557 | | | $17.31 |
| 13560 | | | | | |
| 13561 | ***Directly Attributed*** | | | | |
| 13562 | Network Operations | D13562*E13559 | | 0.040880 | $0.71 |
| 13563 | Network Support Assets | D13563*E13559 | | 0.015364 | $0.27 |
| 13564 | General Support Assets | D13564*E13559 | | 0.069508 | $1.20 |
| 13565 | General Purpose Computers | D13565*E13559 | | 0.034714 | $0.60 |
| 13566 | Uncollectible | D13566*E13559 | | 0.000401 | $0.01 |
| 13567 | Accounting & Finance Expense | D13567*E13559 | | 0.008839 | $0.15 |
| 13568 | Human Resources Expense | D13568*E13559 | | 0.008145 | $0.14 |
| 13569 | Information Management Expense | D13569*E13559 | | 0.057009 | $0.99 |
| 13570 | Intangibles | D13570*E13559 | | 0.002091 | $0.04 |
| 13571 | ***Directly Attributed Costs*** | Sum(E13562:E13570) | | | $4.10 |
| 13572 | | | | | |
| 13573 | ***TELRIC*** | E13562+E13571 | | | $21.41 |
| 13574 | | | | | |
| 13575 | ***Common*** | | | | |
| 13576 | Executive Expense | D13576*E13573 | | 0.007805 | $0.17 |
| 13577 | Planning Expense | D13577*E13573 | | 0.000580 | $0.01 |
| 13578 | External Relations Expense | D13578*E13573 | | 0.013029 | $0.28 |
| 13579 | Legal Expense | D13579*E13573 | | 0.006148 | $0.13 |
| 13580 | Other Procurement Expense | D13580*E13573 | | 0.002359 | $0.05 |
| 13581 | Research & Development Expense | D13581*E13573 | | 0.000036 | $0.00 |
| 13582 | Other General and Admin Expense | D13582*E13573 | | 0.015212 | $0.33 |
| 13583 | ***Common Costs*** | Sum(E13576:E13582) | | | $0.97 |
| 13584 | | | | | |
| 13585 | ***TELRIC + Common Costs*** | E13573+E13583 | | | $22.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***PRIVACY RELEASE, per station line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| **-NROC** | | | | | | | | |
| ***Time is 20/20 time per system of 200 lines with 50% penetration,divisor 100*** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw2 | 0.2 | 0.340 | | | | 0.07 | $41.45 | $0.05 |
| Maintenance - sw2 | 0.2 | 0.340 | | | | 0.07 | $41.45 | $0.05 |
| ***Subtotal - NROC*** | | | | | | **0.14** | | **$0.09** |
| ***Total For Service:*** | | | | | | **0.48** | | **$0.34** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***PRIVACY RELEASE, per station line (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13637 | **Direct Cost** | | | | $0.34 |
| 13638 | | | | | |
| 13639 | | Cost Calculation | | Cost Factor | Cost |
| 13640 | | | | | |
| 13641 | | B | C | D | E |
| 13642 | ***Directly Assigned*** | | | | |
| 13643 | Product Management Expense | D13643*E13637 | | 0.025565 | $0.01 |
| 13644 | Sales Expense | D13644*E13637 | | 0.009225 | $0.00 |
| 13645 | Product Advertising Expense | D13645*E13637 | | 0.000000 | $0.00 |
| 13646 | Business Fees (Other Operating Taxes) | D13646*Sum(E13637:E13645) | | 0.002025 | $0.00 |
| 13647 | ***Directly Assigned Costs*** | Sum(E13637:E13646) | | | $0.01 |
| 13648 | | | | | |
| 13649 | ***Total Direct Costs*** | E13637+E13647 | | | $0.35 |
| 13650 | | | | | |
| 13651 | ***Directly Attributed*** | | | | |
| 13652 | Network Operations | D13652*E13649 | | 0.040880 | $0.01 |
| 13653 | Network Support Assets | D13653*E13649 | | 0.015364 | $0.01 |
| 13654 | General Support Assets | D13654*E13649 | | 0.069508 | $0.02 |
| 13655 | General Purpose Computers | D13655*E13649 | | 0.034714 | $0.01 |
| 13656 | Uncollectible | D13656*E13649 | | 0.000401 | $0.00 |
| 13657 | Accounting & Finance Expense | D13657*E13649 | | 0.008839 | $0.00 |
| 13658 | Human Resources Expense | D13658*E13649 | | 0.008145 | $0.00 |
| 13659 | Information Management Expense | D13659*E13649 | | 0.057009 | $0.02 |
| 13660 | Intangibles | D13660*E13649 | | 0.002091 | $0.00 |
| 13661 | ***Directly Attributed Costs*** | Sum(E13652:E13660) | | | $0.08 |
| 13662 | | | | | |
| 13663 | ***TELRIC*** | E13652+E13661 | | | $0.44 |
| 13664 | | | | | |
| 13665 | ***Common*** | | | | |
| 13666 | Executive Expense | D13666*E13663 | | 0.007805 | $0.00 |
| 13667 | Planning Expense | D13667*E13663 | | 0.000580 | $0.00 |
| 13668 | External Relations Expense | D13668*E13663 | | 0.013029 | $0.01 |
| 13669 | Legal Expense | D13669*E13663 | | 0.006148 | $0.00 |
| 13670 | Other Procurement Expense | D13670*E13663 | | 0.002359 | $0.00 |
| 13671 | Research & Development Expense | D13671*E13663 | | 0.000036 | $0.00 |
| 13672 | Other General and Admin Expense | D13672*E13663 | | 0.015212 | $0.01 |
| 13673 | ***Common Costs*** | Sum(E13666:E13672) | | | $0.02 |
| 13674 | | | | | |
| 13675 | ***TELRIC + Common Costs*** | E13663+E13673 | | | $0.46 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***QUERY TIME, per station line*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***QUERY TIME, per station line (con't)***

| | | Cost Calculation | | Cost Factor | Cost |
|---|---|---|---|---|---|
| | | B | C | D | E |
| 13727 | **Direct Cost** | | | | $0.25 |
| 13728 | | | | | |
| 13729 | | | | | |
| 13730 | | | | | |
| 13731 | | | | | |
| 13732 | ***Directly Assigned*** | | | | |
| 13733 | Product Management Expense | D13733*E13727 | | 0.025565 | $0.01 |
| 13734 | Sales Expense | D13734*E13727 | | 0.009225 | $0.00 |
| 13735 | Product Advertising Expense | D13735*E13727 | | 0.000000 | $0.00 |
| 13736 | Business Fees (Other Operating Taxes) | D13736*Sum(E13727:E13735) | | 0.002025 | $0.00 |
| 13737 | ***Directly Assigned Costs*** | Sum(E13727:E13736) | | | $0.01 |
| 13738 | | | | | |
| 13739 | ***Total Direct Costs*** | E13727+E13737 | | | $0.26 |
| 13740 | | | | | |
| 13741 | ***Directly Attributed*** | | | | |
| 13742 | Network Operations | D13742*E13739 | | 0.040880 | $0.01 |
| 13743 | Network Support Assets | D13743*E13739 | | 0.015364 | $0.00 |
| 13744 | General Support Assets | D13744*E13739 | | 0.069508 | $0.02 |
| 13745 | General Purpose Computers | D13745*E13739 | | 0.034714 | $0.01 |
| 13746 | Uncollectible | D13746*E13739 | | 0.000401 | $0.00 |
| 13747 | Accounting & Finance Expense | D13747*E13739 | | 0.008839 | $0.00 |
| 13748 | Human Resources Expense | D13748*E13739 | | 0.008145 | $0.00 |
| 13749 | Information Management Expense | D13749*E13739 | | 0.057009 | $0.01 |
| 13750 | Intangibles | D13750*E13739 | | 0.002091 | $0.00 |
| 13751 | ***Directly Attributed Costs*** | Sum(E13742:E13750) | | | $0.06 |
| 13752 | | | | | |
| 13753 | ***TELRIC*** | E13742+E13751 | | | $0.32 |
| 13754 | | | | | |
| 13755 | ***Common*** | | | | |
| 13756 | Executive Expense | D13756*E13753 | | 0.007805 | $0.00 |
| 13757 | Planning Expense | D13757*E13753 | | 0.000580 | $0.00 |
| 13758 | External Relations Expense | D13758*E13753 | | 0.013029 | $0.00 |
| 13759 | Legal Expense | D13759*E13753 | | 0.006148 | $0.00 |
| 13760 | Other Procurement Expense | D13760*E13753 | | 0.002359 | $0.00 |
| 13761 | Research & Development Expense | D13761*E13753 | | 0.000036 | $0.00 |
| 13762 | Other General and Admin Expense | D13762*E13753 | | 0.015212 | $0.00 |
| 13763 | ***Common Costs*** | Sum(E13756:E13762) | | | $0.01 |
| 13764 | | | | | |
| 13765 | ***TELRIC + Common Costs*** | E13753+E13763 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***STATION CAMP-ON, per main line, per line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| ***Total For Service:*** | | | | | | **0.34** | | **$0.25** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***STATION CAMP-ON, per main line, per line (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13817 | **Direct Cost** | | | | $0.25 |
| 13818 | | | | | |
| 13819 | | Cost Calculation | | Cost Factor | Cost |
| 13820 | | | | | |
| 13821 | | B | C | D | E |
| 13822 | ***Directly Assigned*** | | | | |
| 13823 | Product Management Expense | D13823*E13817 | | 0.025565 | $0.01 |
| 13824 | Sales Expense | D13824*E13817 | | 0.009225 | $0.00 |
| 13825 | Product Advertising Expense | D13825*E13817 | | 0.000000 | $0.00 |
| 13826 | Business Fees (Other Operating Taxes) | D13826*Sum(E13817:E13825) | | 0.002025 | $0.00 |
| 13827 | ***Directly Assigned Costs*** | Sum(E13817:E13826) | | | $0.01 |
| 13828 | | | | | |
| 13829 | ***Total Direct Costs*** | E13817+E13827 | | | $0.26 |
| 13830 | | | | | |
| 13831 | ***Directly Attributed*** | | | | |
| 13832 | Network Operations | D13832*E13829 | | 0.040880 | $0.01 |
| 13833 | Network Support Assets | D13833*E13829 | | 0.015364 | $0.00 |
| 13834 | General Support Assets | D13834*E13829 | | 0.069508 | $0.02 |
| 13835 | General Purpose Computers | D13835*E13829 | | 0.034714 | $0.01 |
| 13836 | Uncollectible | D13836*E13829 | | 0.000401 | $0.00 |
| 13837 | Accounting & Finance Expense | D13837*E13829 | | 0.008839 | $0.00 |
| 13838 | Human Resources Expense | D13838*E13829 | | 0.008145 | $0.00 |
| 13839 | Information Management Expense | D13839*E13829 | | 0.057009 | $0.01 |
| 13840 | Intangibles | D13840*E13829 | | 0.002091 | $0.00 |
| 13841 | ***Directly Attributed Costs*** | Sum(E13832:E13840) | | | $0.06 |
| 13842 | | | | | |
| 13843 | ***TELRIC*** | E13832+E13841 | | | $0.32 |
| 13844 | | | | | |
| 13845 | ***Common*** | | | | |
| 13846 | Executive Expense | D13846*E13843 | | 0.007805 | $0.00 |
| 13847 | Planning Expense | D13847*E13843 | | 0.000580 | $0.00 |
| 13848 | External Relations Expense | D13848*E13843 | | 0.013029 | $0.00 |
| 13849 | Legal Expense | D13849*E13843 | | 0.006148 | $0.00 |
| 13850 | Other Procurement Expense | D13850*E13843 | | 0.002359 | $0.00 |
| 13851 | Research & Development Expense | D13851*E13843 | | 0.000036 | $0.00 |
| 13852 | Other General and Admin Expense | D13852*E13843 | | 0.015212 | $0.00 |
| 13853 | ***Common Costs*** | Sum(E13846:E13852) | | | $0.01 |
| 13854 | | | | | |
| 13855 | ***TELRIC + Common Costs*** | E13843+E13853 | | | $0.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***TIME OF DAY CONTROL FOR ARS - PER SYSTEM*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Administration - sw1 | 85 | 0.660 | | | | 56.10 | $41.45 | $38.76 |
| Maintenance - sw1 | 60 | 0.660 | | | | 39.60 | $41.45 | $27.36 |
| Administration - sw2 | 30 | 0.340 | | | | 10.20 | $41.45 | $7.05 |
| Maintenance - sw2 | 75 | 0.340 | | | | 25.50 | $41.45 | $17.62 |
| ***Subtotal - NROC*** | | | | | | **131.40** | | **$90.78** |
| ***Total For Service:*** | | | | | | **131.40** | | **$90.78** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TIME OF DAY CONTROL FOR ARS - PER SYSTEM (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 13907 | **Direct Cost** | | | | | $90.78 |
| 13908 | | | | | | |
| 13909 | | | | | | |
| 13910 | | Cost Calculation | | | Cost Factor | Cost |
| 13911 | | B | | C | D | E |
| 13912 | ***Directly Assigned*** | | | | | |
| 13913 | Product Management Expense | D13913*E13907 | | | 0.025565 | $2.32 |
| 13914 | Sales Expense | D13914*E13907 | | | 0.009225 | $0.84 |
| 13915 | Product Advertising Expense | D13915*E13907 | | | 0.000000 | $0.00 |
| 13916 | Business Fees (Other Operating Taxes) | D13916*Sum(E13907:E13915) | | | 0.002025 | $0.19 |
| 13917 | ***Directly Assigned Costs*** | Sum(E13907:E13916) | | | | $3.35 |
| 13918 | | | | | | |
| 13919 | ***Total Direct Costs*** | E13907+E13917 | | | | $94.12 |
| 13920 | | | | | | |
| 13921 | ***Directly Attributed*** | | | | | |
| 13922 | Network Operations | D13922*E13919 | | | 0.040880 | $3.85 |
| 13923 | Network Support Assets | D13923*E13919 | | | 0.015364 | $1.45 |
| 13924 | General Support Assets | D13924*E13919 | | | 0.069508 | $6.54 |
| 13925 | General Purpose Computers | D13925*E13919 | | | 0.034714 | $3.27 |
| 13926 | Uncollectible | D13926*E13919 | | | 0.000401 | $0.04 |
| 13927 | Accounting & Finance Expense | D13927*E13919 | | | 0.008839 | $0.83 |
| 13928 | Human Resources Expense | D13928*E13919 | | | 0.008145 | $0.77 |
| 13929 | Information Management Expense | D13929*E13919 | | | 0.057009 | $5.37 |
| 13930 | Intangibles | D13930*E13919 | | | 0.002091 | $0.20 |
| 13931 | ***Directly Attributed Costs*** | Sum(E13922:E13930) | | | | $22.30 |
| 13932 | | | | | | |
| 13933 | ***TELRIC*** | E13922+E13931 | | | | $116.43 |
| 13934 | | | | | | |
| 13935 | ***Common*** | | | | | |
| 13936 | Executive Expense | D13936*E13933 | | | 0.007805 | $0.91 |
| 13937 | Planning Expense | D13937*E13933 | | | 0.000580 | $0.07 |
| 13938 | External Relations Expense | D13938*E13933 | | | 0.013029 | $1.52 |
| 13939 | Legal Expense | D13939*E13933 | | | 0.006148 | $0.72 |
| 13940 | Other Procurement Expense | D13940*E13933 | | | 0.002359 | $0.27 |
| 13941 | Research & Development Expense | D13941*E13933 | | | 0.000036 | $0.00 |
| 13942 | Other General and Admin Expense | D13942*E13933 | | | 0.015212 | $1.77 |
| 13943 | ***Common Costs*** | Sum(E13936:E13942) | | | | $5.26 |
| 13944 | | | | | | |
| 13945 | ***TELRIC + Common Costs*** | E13933+E13943 | | | | $121.69 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***TIME OF DAY NCOS UPDATED, PER MAIN STATION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| **-NROC** | | | | | | | | |
| ***1st probability is times per system divided by 200 lines in system*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| Administration - SW2 | 60 | 0.005 | 0.340 | | | 0.10 | $41.45 | $0.07 |
| Maintenance - SW2 | 60 | 0.005 | 0.340 | | | 0.10 | $41.45 | $0.07 |
| ***Subtotal - NROC*** | | | | | | **0.20** | | **$0.14** |
| ***Total For Service:*** | | | | | | **0.54** | | **$0.39** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TIME OF DAY NCOS UPDATED, PER MAIN STATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 13997 | **Direct Cost** | | | | $0.39 |
| 13998 | | | | | |
| 13999 | | Cost Calculation | | Cost Factor | Cost |
| 14000 | | B | C | D | E |
| 14001 | | | | | |
| 14002 | ***Directly Assigned*** | | | | |
| 14003 | Product Management Expense | D14003*E13997 | | 0.025565 | $0.01 |
| 14004 | Sales Expense | D14004*E13997 | | 0.009225 | $0.00 |
| 14005 | Product Advertising Expense | D14005*E13997 | | 0.000000 | $0.00 |
| 14006 | Business Fees (Other Operating Taxes) | D14006*Sum(E13997:E14005) | | 0.002025 | $0.00 |
| 14007 | ***Directly Assigned Costs*** | Sum(E13997:E14006) | | | $0.01 |
| 14008 | | | | | |
| 14009 | ***Total Direct Costs*** | E13997+E14007 | | | $0.40 |
| 14010 | | | | | |
| 14011 | ***Directly Attributed*** | | | | |
| 14012 | Network Operations | D14012*E14009 | | 0.040880 | $0.02 |
| 14013 | Network Support Assets | D14013*E14009 | | 0.015364 | $0.01 |
| 14014 | General Support Assets | D14014*E14009 | | 0.069508 | $0.03 |
| 14015 | General Purpose Computers | D14015*E14009 | | 0.034714 | $0.01 |
| 14016 | Uncollectible | D14016*E14009 | | 0.000401 | $0.00 |
| 14017 | Accounting & Finance Expense | D14017*E14009 | | 0.008839 | $0.00 |
| 14018 | Human Resources Expense | D14018*E14009 | | 0.008145 | $0.00 |
| 14019 | Information Management Expense | D14019*E14009 | | 0.057009 | $0.02 |
| 14020 | Intangibles | D14020*E14009 | | 0.002091 | $0.00 |
| 14021 | ***Directly Attributed Costs*** | Sum(E14012:E14020) | | | $0.10 |
| 14022 | | | | | |
| 14023 | ***TELRIC*** | E14012+E14021 | | | $0.50 |
| 14024 | | | | | |
| 14025 | ***Common*** | | | | |
| 14026 | Executive Expense | D14026*E14023 | | 0.007805 | $0.00 |
| 14027 | Planning Expense | D14027*E14023 | | 0.000580 | $0.00 |
| 14028 | External Relations Expense | D14028*E14023 | | 0.013029 | $0.01 |
| 14029 | Legal Expense | D14029*E14023 | | 0.006148 | $0.00 |
| 14030 | Other Procurement Expense | D14030*E14023 | | 0.002359 | $0.00 |
| 14031 | Research & Development Expense | D14031*E14023 | | 0.000036 | $0.00 |
| 14032 | Other General and Admin Expense | D14032*E14023 | | 0.015212 | $0.01 |
| 14033 | ***Common Costs*** | Sum(E14026:E14032) | | | $0.02 |
| 14034 | | | | | |
| 14035 | ***TELRIC + Common Costs*** | E14023+E14033 | | | $0.52 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***TIME OF DAY ROUTING, per line*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-RCMAC** | | | | | | | | |
| ***1st proability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| **-NROC** | | | | | | | | |
| ***1st probability is times per system divided by 200 lines in system*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| Administration - sw2 | 30 | 0.005 | 0.340 | | | 0.05 | $41.45 | $0.04 |
| Maintenance - sw2 | 75 | 0.005 | 0.340 | | | 0.13 | $41.45 | $0.09 |
| ***Subtotal - NROC*** | | | | | | **0.18** | | **$0.12** |
| ***Total For Service:*** | | | | | | **0.52** | | **$0.37** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TIME OF DAY ROUTING, per line (con't)***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 14087 | **Direct Cost** | | | | | | | | $0.37 |
| 14088 | | | | | | | | | |
| 14089 | | | | | | | | | |
| 14090 | | | | | | | | | |
| 14091 | | | | | | | | | |
| 14092 | ***Directly Assigned*** | | | | | | | | |
| 14093 | Product Management Expense | | | | | | | | |
| 14094 | Sales Expense | | | | | | | | |
| 14095 | Product Advertising Expense | | | | | | | | |
| 14096 | Business Fees (Other Operating Taxes) | | | | | | | | |
| 14097 | ***Directly Assigned Costs*** | | | | | | | | |
| 14098 | | | | | | | | | |
| 14099 | ***Total Direct Costs*** | | | | | | | | |
| 14100 | | | | | | | | | |
| 14101 | ***Directly Attributed*** | | | | | | | | |
| 14102 | Network Operations | | | | | | | | |
| 14103 | Network Support Assets | | | | | | | | |
| 14104 | General Support Assets | | | | | | | | |
| 14105 | General Purpose Computers | | | | | | | | |
| 14106 | *Uncollectible* | | | | | | | | |
| 14107 | Accounting & Finance Expense | | | | | | | | |
| 14108 | Human Resources Expense | | | | | | | | |
| 14109 | Information Management Expense | | | | | | | | |
| 14110 | Intangibles | | | | | | | | |
| 14111 | ***Directly Attributed Costs*** | | | | | | | | |
| 14112 | | | | | | | | | |
| 14113 | ***TELRIC*** | | | | | | | | |
| 14114 | | | | | | | | | |
| 14115 | ***Common*** | | | | | | | | |
| 14116 | Executive Expense | | | | | | | | |
| 14117 | Planning Expense | | | | | | | | |
| 14118 | External Relations Expense | | | | | | | | |
| 14119 | Legal Expense | | | | | | | | |
| 14120 | Other Procurement Expense | | | | | | | | |
| 14121 | Research & Development Expense | | | | | | | | |
| 14122 | Other General and Admin Expense | | | | | | | | |
| 14123 | ***Common Costs*** | | | | | | | | |
| 14124 | | | | | | | | | |
| 14125 | ***TELRIC + Common Costs*** | | | | | | | | |

| | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|
| | B C | D | E |
| 14092 ***Directly Assigned*** | | | |
| 14093 Product Management Expense | D14093*E14087 | 0.025565 | $0.01 |
| 14094 Sales Expense | D14094*E14087 | 0.009225 | $0.00 |
| 14095 Product Advertising Expense | D14095*E14087 | 0.000000 | $0.00 |
| 14096 Business Fees (Other Operating Taxes) | D14096*Sum(E14087:E14095) | 0.002025 | $0.00 |
| 14097 ***Directly Assigned Costs*** | Sum(E14087:E14096) | | $0.01 |
| 14099 ***Total Direct Costs*** | E14087+E14097 | | $0.39 |
| 14101 ***Directly Attributed*** | | | |
| 14102 Network Operations | D14102*E14099 | 0.040880 | $0.02 |
| 14103 Network Support Assets | D14103*E14099 | 0.015364 | $0.01 |
| 14104 General Support Assets | D14104*E14099 | 0.069508 | $0.03 |
| 14105 General Purpose Computers | D14105*E14099 | 0.034714 | $0.01 |
| 14106 *Uncollectible* | D14106*E14099 | 0.000401 | $0.00 |
| 14107 Accounting & Finance Expense | D14107*E14099 | 0.008839 | $0.00 |
| 14108 Human Resources Expense | D14108*E14099 | 0.008145 | $0.00 |
| 14109 Information Management Expense | D14109*E14099 | 0.057009 | $0.02 |
| 14110 Intangibles | D14110*E14099 | 0.002091 | $0.00 |
| 14111 ***Directly Attributed Costs*** | Sum(E14102:E14110) | | $0.09 |
| 14113 ***TELRIC*** | E14102+E14111 | | $0.48 |
| 14115 ***Common*** | | | |
| 14116 Executive Expense | D14116*E14113 | 0.007805 | $0.00 |
| 14117 Planning Expense | D14117*E14113 | 0.000580 | $0.00 |
| 14118 External Relations Expense | D14118*E14113 | 0.013029 | $0.01 |
| 14119 Legal Expense | D14119*E14113 | 0.006148 | $0.00 |
| 14120 Other Procurement Expense | D14120*E14113 | 0.002359 | $0.00 |
| 14121 Research & Development Expense | D14121*E14113 | 0.000036 | $0.00 |
| 14122 Other General and Admin Expense | D14122*E14113 | 0.015212 | $0.01 |
| 14123 ***Common Costs*** | Sum(E14116:E14122) | | $0.02 |
| 14125 ***TELRIC + Common Costs*** | E14113+E14123 | | $0.50 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **0.34** | | **$0.25** |
| -NROC | | | | | | | | |
| ***1st probability is times per system divided by 200 lines in system*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| Administration - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| Maintenance - sw2 | 15 | 0.005 | 0.340 | | | 0.03 | $41.45 | $0.02 |
| ***Subtotal - NROC*** | | | | | | **0.05** | | **$0.04** |
| ***Total For Service:*** | | | | | | **0.39** | | **$0.28** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TRUNK VERIFICATION FROM DESIGNATED STATION, PER LINE EQUIPPED (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 14177 | **Direct Cost** | | | | $0.28 |
| 14178 | | | | | |
| 14179 | | | | | |
| 14180 | | Cost Calculation | | Cost Factor | Cost |
| 14181 | | B | C | D | E |
| 14182 | ***Directly Assigned*** | | | | |
| 14183 | Product Management Expense | D14183*E14177 | | 0.025565 | $0.01 |
| 14184 | Sales Expense | D14184*E14177 | | 0.009225 | $0.00 |
| 14185 | Product Advertising Expense | D14185*E14177 | | 0.000000 | $0.00 |
| 14186 | Business Fees (Other Operating Taxes) | D14186*Sum(E14177:E14185) | | 0.002025 | $0.00 |
| 14187 | ***Directly Assigned Costs*** | Sum(E14177:E14186) | | | $0.01 |
| 14188 | | | | | |
| 14189 | ***Total Direct Costs*** | E14177+E14187 | | | $0.29 |
| 14190 | | | | | |
| 14191 | ***Directly Attributed*** | | | | |
| 14192 | Network Operations | D14192*E14189 | | 0.040880 | $0.01 |
| 14193 | Network Support Assets | D14193*E14189 | | 0.015364 | $0.00 |
| 14194 | General Support Assets | D14194*E14189 | | 0.069508 | $0.02 |
| 14195 | General Purpose Computers | D14195*E14189 | | 0.034714 | $0.01 |
| 14196 | Uncollectible | D14196*E14189 | | 0.000401 | $0.00 |
| 14197 | Accounting & Finance Expense | D14197*E14189 | | 0.008839 | $0.00 |
| 14198 | *Human Resources Expense* | D14198*E14189 | | 0.008145 | $0.00 |
| 14199 | Information Management Expense | D14199*E14189 | | 0.057009 | $0.02 |
| 14200 | Intangibles | D14200*E14189 | | 0.002091 | $0.00 |
| 14201 | ***Directly Attributed Costs*** | Sum(E14192:E14200) | | | $0.07 |
| 14202 | | | | | |
| 14203 | ***TELRIC*** | E14192+E14201 | | | $0.36 |
| 14204 | | | | | |
| 14205 | ***Common*** | | | | |
| 14206 | Executive Expense | D14206*E14203 | | 0.007805 | $0.00 |
| 14207 | Planning Expense | D14207*E14203 | | 0.000580 | $0.00 |
| 14208 | External Relations Expense | D14208*E14203 | | 0.013029 | $0.00 |
| 14209 | Legal Expense | D14209*E14203 | | 0.006148 | $0.00 |
| 14210 | Other Procurement Expense | D14210*E14203 | | 0.002359 | $0.00 |
| 14211 | Research & Development Expense | D14211*E14203 | | 0.000036 | $0.00 |
| 14212 | Other General and Admin Expense | D14212*E14203 | | 0.015212 | $0.01 |
| 14213 | ***Common Costs*** | Sum(E14206:E14212) | | | $0.02 |
| 14214 | | | | | |
| 14215 | ***TELRIC + Common Costs*** | E14203+E14213 | | | $0.38 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RCMAC | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ***Subtotal - RCMAC*** | | | | | | **0.66** | | **$0.48** |
| ***Total For Service:*** | | | | | | **0.66** | | **$0.48** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UCD - IN HUNT GROUP, incl. Queuing, Music on Queue, & Delay Announcement, per line (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 14267 | **Direct Cost** | | | | $0.48 |
| 14268 | | | | | |
| 14269 | | | | | |
| 14270 | | | | | |
| 14271 | | | | | |
| 14272 | ***Directly Assigned*** | | | | |
| 14273 | Product Management Expense | D14273*E14267 | | 0.025565 | $0.01 |
| 14274 | Sales Expense | D14274*E14267 | | 0.009225 | $0.00 |
| 14275 | Product Advertising Expense | D14275*E14267 | | 0.000000 | $0.00 |
| 14276 | Business Fees (Other Operating Taxes) | D14276*Sum(E14267:E14275) | | 0.002025 | $0.00 |
| 14277 | ***Directly Assigned Costs*** | Sum(E14267:E14276) | | | $0.02 |
| 14278 | | | | | |
| 14279 | ***Total Direct Costs*** | E14267+E14277 | | | $0.50 |
| 14280 | | | | | |
| 14281 | ***Directly Attributed*** | | | | |
| 14282 | Network Operations | D14282*E14279 | | 0.040880 | $0.02 |
| 14283 | Network Support Assets | D14283*E14279 | | 0.015364 | $0.01 |
| 14284 | General Support Assets | D14284*E14279 | | 0.069508 | $0.03 |
| 14285 | General Purpose Computers | D14285*E14279 | | 0.034714 | $0.02 |
| 14286 | Uncollectible | D14286*E14279 | | 0.000401 | $0.00 |
| 14287 | Accounting & Finance Expense | D14287*E14279 | | 0.008839 | $0.00 |
| 14288 | Human Resources Expense | D14288*E14279 | | 0.008145 | $0.00 |
| 14289 | Information Management Expense | D14289*E14279 | | 0.057009 | $0.03 |
| 14290 | Intangibles | D14290*E14279 | | 0.002091 | $0.00 |
| 14291 | ***Directly Attributed Costs*** | Sum(E14282:E14290) | | | $0.12 |
| 14292 | | | | | |
| 14293 | ***TELRIC*** | E14282+E14291 | | | $0.62 |
| 14294 | | | | | |
| 14295 | ***Common*** | | | | |
| 14296 | Executive Expense | D14296*E14293 | | 0.007805 | $0.00 |
| 14297 | Planning Expense | D14297*E14293 | | 0.000580 | $0.00 |
| 14298 | External Relations Expense | D14298*E14293 | | 0.013029 | $0.01 |
| 14299 | Legal Expense | D14299*E14293 | | 0.006148 | $0.00 |
| 14300 | Other Procurement Expense | D14300*E14293 | | 0.002359 | $0.00 |
| 14301 | Research & Development Expense | D14301*E14293 | | 0.000036 | $0.00 |
| 14302 | Other General and Admin Expense | D14302*E14293 | | 0.015212 | $0.01 |
| 14303 | ***Common Costs*** | Sum(E14296:E14302) | | | $0.03 |
| 14304 | | | | | |
| 14305 | ***TELRIC + Common Costs*** | E14293+E14303 | | | $0.65 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -CUSTOMER COMMUNICATIONS TECHNICIAN | | | | | | | | |
| ***1st column = time*** | | | | | | | | |
| ***2nd column = occurrence*** | | | | | | | | |
| Initial training | 240 | 1.000 | | | | 240.00 | $43.81 | $175.24 |
| Follow up training - Clarify & cover features | 120 | 1.000 | | | | 120.00 | $43.81 | $87.62 |
| Cover enhance to software package | 120 | 1.000 | | | | 120.00 | $43.81 | $87.62 |
| Loading CCRS database - Initial system | 480 | 1.000 | | | | 480.00 | $43.81 | $350.48 |
| ***Subtotal - CUSTOMER COMMUNICATIONS TECHNICIAN*** | | | | | | **960.00** | | **$700.96** |
| ***Total For Service:*** | | | | | | **960.00** | | **$700.96** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 14357 | **Direct Cost** | | | | | $700.96 |
| 14358 | | | | | | |
| 14359 | | Cost Calculation | | | Cost Factor | Cost |
| 14360 | | B | | | D | E |
| 14361 | | | | | | |
| 14362 | ***Directly Assigned*** | | | | | |
| 14363 | Product Management Expense | D14363*E14357 | | | 0.025565 | $17.92 |
| 14364 | Sales Expense | D14364*E14357 | | | 0.009225 | $6.47 |
| 14365 | Product Advertising Expense | D14365*E14357 | | | 0.000000 | $0.00 |
| 14366 | Business Fees (Other Operating Taxes) | D14366*Sum(E14357:E14365) | | | 0.002025 | $1.47 |
| 14367 | ***Directly Assigned Costs*** | Sum(E14357:E14366) | | | | $25.86 |
| 14368 | | | | | | |
| 14369 | ***Total Direct Costs*** | E14357+E14367 | | | | $726.82 |
| 14370 | | | | | | |
| 14371 | ***Directly Attributed*** | | | | | |
| 14372 | Network Operations | D14372*E14369 | | | 0.040880 | $29.71 |
| 14373 | Network Support Assets | D14373*E14369 | | | 0.015364 | $11.17 |
| 14374 | General Support Assets | D14374*E14369 | | | 0.069508 | $50.52 |
| 14375 | General Purpose Computers | D14375*E14369 | | | 0.034714 | $25.23 |
| 14376 | Uncollectible | D14376*E14369 | | | 0.000401 | $0.29 |
| 14377 | Accounting & Finance Expense | D14377*E14369 | | | 0.008839 | $6.42 |
| 14378 | Human Resources Expense | D14378*E14369 | | | 0.008145 | $5.92 |
| 14379 | Information Management Expense | D14379*E14369 | | | 0.057009 | $41.44 |
| 14380 | Intangibles | D14380*E14369 | | | 0.002091 | $1.52 |
| 14381 | ***Directly Attributed Costs*** | Sum(E14372:E14380) | | | | $172.22 |
| 14382 | | | | | | |
| 14383 | ***TELRIC*** | E14372+E14381 | | | | $899.03 |
| 14384 | | | | | | |
| 14385 | ***Common*** | | | | | |
| 14386 | Executive Expense | D14386*E14383 | | | 0.007805 | $7.02 |
| 14387 | Planning Expense | D14387*E14383 | | | 0.000580 | $0.52 |
| 14388 | External Relations Expense | D14388*E14383 | | | 0.013029 | $11.71 |
| 14389 | Legal Expense | D14389*E14383 | | | 0.006148 | $5.53 |
| 14390 | Other Procurement Expense | D14390*E14383 | | | 0.002359 | $2.12 |
| 14391 | Research & Development Expense | D14391*E14383 | | | 0.000036 | $0.03 |
| 14392 | Other General and Admin Expense | D14392*E14383 | | | 0.015212 | $13.68 |
| 14393 | ***Common Costs*** | Sum(E14386:E14392) | | | | $40.61 |
| 14394 | | | | | | |
| 14395 | ***TELRIC + Common Costs*** | E14383+E14393 | | | | $939.64 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -CUSTOMER COMMUNICATIONS TECH | | | | | | | | |
| ***1st column = time for system establishment*** | | | | | | | | |
| ***2nd column = occurrence*** | | | | | | | | |
| Loading CCRS database | 480 | 1.000 | | | | 480.00 | $43.81 | $350.48 |
| ***Subtotal - CUSTOMER COMMUNICATIONS TECH*** | | | | | | **480.00** | | **$350.48** |
| ***Total For Service:*** | | | | | | **480.00** | | **$350.48** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION (con't)***

| | | | | |
|---|---|---|---|---|
| 14447 | **Direct Cost** | | | $350.48 |
| 14448 | | | | |
| 14449 | | Cost Calculation | Cost Factor | Cost |
| 14450 | | B | C | D | E |
| 14451 | | | | | |
| 14452 | ***Directly Assigned*** | | | |
| 14453 | Product Management Expense | D14453*E14447 | 0.025565 | $8.96 |
| 14454 | Sales Expense | D14454*E14447 | 0.009225 | $3.23 |
| 14455 | Product Advertising Expense | D14455*E14447 | 0.000000 | $0.00 |
| 14456 | Business Fees (Other Operating Taxes) | *D14456*Sum(E14447:E14455)* | *0.002025* | $0.73 |
| 14457 | ***Directly Assigned Costs*** | Sum(E14447:E14456) | | $12.93 |
| 14458 | | | | |
| 14459 | ***Total Direct Costs*** | E14447+E14457 | | $363.41 |
| 14460 | | | | |
| 14461 | ***Directly Attributed*** | | | |
| 14462 | Network Operations | D14462*E14459 | 0.040880 | $14.86 |
| 14463 | Network Support Assets | D14463*E14459 | 0.015364 | $5.58 |
| 14464 | General Support Assets | D14464*E14459 | 0.069508 | $25.26 |
| 14465 | General Purpose Computers | D14465*E14459 | 0.034714 | $12.62 |
| 14466 | Uncollectible | D14466*E14459 | 0.000401 | $0.15 |
| 14467 | Accounting & Finance Expense | D14467*E14459 | 0.008839 | $3.21 |
| 14468 | Human Resources Expense | D14468*E14459 | 0.008145 | $2.96 |
| 14469 | Information Management Expense | D14469*E14459 | 0.057009 | $20.72 |
| 14470 | Intangibles | D14470*E14459 | 0.002091 | $0.76 |
| 14471 | ***Directly Attributed Costs*** | Sum(E14462:E14470) | | $86.11 |
| 14472 | | | | |
| 14473 | ***TELRIC*** | E14462+E14471 | | $449.52 |
| 14474 | | | | |
| 14475 | ***Common*** | | | |
| 14476 | Executive Expense | D14476*E14473 | 0.007805 | $3.51 |
| 14477 | Planning Expense | D14477*E14473 | 0.000580 | $0.26 |
| 14478 | External Relations Expense | D14478*E14473 | 0.013029 | $5.86 |
| 14479 | Legal Expense | D14479*E14473 | 0.006148 | $2.76 |
| 14480 | Other Procurement Expense | D14480*E14473 | 0.002359 | $1.06 |
| 14481 | Research & Development Expense | D14481*E14473 | 0.000036 | $0.02 |
| 14482 | Other General and Admin Expense | D14482*E14473 | 0.015212 | $6.84 |
| 14483 | ***Common Costs*** | Sum(E14476:E14482) | | $20.30 |
| 14484 | | | | |
| 14485 | ***TELRIC + Common Costs*** | E14473+E14483 | | $469.82 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CMS - PACKET CONTROL CAPABILITY, PER SYSTEM*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-CUSTOMER COMMUNICATIONS TECH** | | | | | | | | |
| ***1st column = time for system establishment*** | | | | | | | | |
| ***2nd column = occurrence*** | | | | | | | | |
| System installation | 480 | 1.000 | | | | 480.00 | $43.81 | $350.48 |
| ***Subtotal - CUSTOMER COMMUNICATIONS TECH*** | | | | | | **480.00** | | **$350.48** |
| ***Total For Service:*** | | | | | | **480.00** | | **$350.48** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CMS - PACKET CONTROL CAPABILITY, PER SYSTEM (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 14537 | **Direct Cost** | | | | $350.48 |
| 14538 | | | | | |
| 14539 | | **Cost Calculation** | | **Cost Factor** | **Cost** |
| 14540 | | B | C | D | E |
| 14541 | | | | | |
| 14542 | ***Directly Assigned*** | | | | |
| 14543 | Product Management Expense | D14543*E14537 | | 0.025565 | $8.96 |
| 14544 | Sales Expense | D14544*E14537 | | 0.009225 | $3.23 |
| 14545 | Product Advertising Expense | D14545*E14537 | | 0.000000 | $0.00 |
| 14546 | Business Fees (Other Operating Taxes) | D14546*Sum(E14537:E14545) | | 0.002025 | $0.73 |
| 14547 | ***Directly Assigned Costs*** | Sum(E14537:E14546) | | | $12.93 |
| 14548 | | | | | |
| 14549 | ***Total Direct Costs*** | E14537+E14547 | | | $363.41 |
| 14550 | | | | | |
| 14551 | ***Directly Attributed*** | | | | |
| 14552 | Network Operations | D14552*E14549 | | 0.040880 | $14.86 |
| 14553 | Network Support Assets | D14553*E14549 | | 0.015364 | $5.58 |
| 14554 | General Support Assets | D14554*E14549 | | 0.069508 | $25.26 |
| 14555 | General Purpose Computers | D14555*E14549 | | 0.034714 | $12.62 |
| 14556 | Uncollectible | D14556*E14549 | | 0.000401 | $0.15 |
| 14557 | Accounting & Finance Expense | D14557*E14549 | | 0.008839 | $3.21 |
| 14558 | Human Resources Expense | D14558*E14549 | | 0.008145 | $2.96 |
| 14559 | Information Management Expense | D14559*E14549 | | 0.057009 | $20.72 |
| 14560 | Intangibles | D14560*E14549 | | 0.002091 | $0.76 |
| 14561 | ***Directly Attributed Costs*** | Sum(E14552:E14560) | | | $86.11 |
| 14562 | | | | | |
| 14563 | ***TELRIC*** | E14552+E14561 | | | $449.52 |
| 14564 | | | | | |
| 14565 | ***Common*** | | | | |
| 14566 | Executive Expense | D14566*E14563 | | 0.007805 | $3.51 |
| 14567 | Planning Expense | D14567*E14563 | | 0.000580 | $0.26 |
| 14568 | External Relations Expense | D14568*E14563 | | 0.013029 | $5.86 |
| 14569 | Legal Expense | D14569*E14563 | | 0.006148 | $2.76 |
| 14570 | Other Procurement Expense | D14570*E14563 | | 0.002359 | $1.06 |
| 14571 | Research & Development Expense | D14571*E14563 | | 0.000036 | $0.02 |
| 14572 | Other General and Admin Expense | D14572*E14563 | | 0.015212 | $6.84 |
| 14573 | ***Common Costs*** | Sum(E14566:E14572) | | | $20.30 |
| 14574 | | | | | |
| 14575 | ***TELRIC + Common Costs*** | E14563+E14573 | | | $469.82 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -BUS/GOV SERVICE CENTER | | | | | | | | |
| ***Additional time required to establish SMDR-P per centrex System Interface with customer, gather required information, negotiate due dates Prob #1 = Probability of occurrence*** | | | | | | | | |
| Negotiate feature establishment | 30 | 1.000 | | | | 30.00 | $39.16 | $19.58 |
| ***Issue form RG41-0057 to complex translations to provision service and to BGS carrier service delivery system to validate numbers and build SMDR tables Prob #1 = Probability of occurrence*** | | | | | | | | |
| Comp & issue Form RG41-0057 | 30 | 1.000 | | | | 30.00 | $39.16 | $19.58 |
| ***Additional service order time to establish billing Prob #1 = Probability of occurrence*** | | | | | | | | |
| Issue service order | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Subtotal - BUS/GOV SERVICE CENTER*** | | | | | | **65.00** | | **$42.42** |
| -UNIQUE PRODUCT & SERVICE GROUP | | | | | | | | |
| ***Carrier service delivery system - Customer Communications Tech Time required to build SMDR table from Form RG41-0057 Prob #1 = Probability of occurrence*** | | | | | | | | |
| Build Table | 240 | 1.000 | | | | 240.00 | $37.78 | $151.12 |
| ***Subtotal - UNIQUE PRODUCT & SERVICE GROUP*** | | | | | | **240.00** | | **$151.12** |
| -COMPLEX TRANSLATIONS - NROC - ADMINISTRATION | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| Administrative | 15 | 1.000 | | | | 15.00 | $41.45 | $10.36 |
| ***Subtotal - COMPLEX TRANSLATIONS - NROC - ADMINISTRATION*** | | | | | | **15.00** | | **$10.36** |
| -COMPLEX TRANSLATIONS - NROC - MAINTENANCE | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| Maintenance | 45 | 1.000 | | | | 45.00 | $41.45 | $31.09 |
| ***Subtotal - COMPLEX TRANSLATIONS - NROC - MAINTENANCE*** | | | | | | **45.00** | | **$31.09** |
| -SERVICE ORDER ENTRY CENTER | | | | | | | | |
| ***Additional order entry time*** | | | | | | | | |

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| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION (con't)*** | | | | | | | | |
| ***Prob #1 = % of time additional order entry time is required*** | | | | | | | | |
| ***Prob #2 = % of time manual order entry is required*** | | | | | | | | |
| Cent Sys Feature per feature | 5 | 1.000 | 1.000 | | | 5.00 | $39.16 | $3.26 |
| ***Subtotal - SERVICE ORDER ENTRY CENTER*** | | | | | | **5.00** | | **$3.26** |
| ***DISCONNECT*** | | | | | | | | |
| **-BGS/GOV CENTER** | | | | | | | | |
| ***Additional service order time to change billing*** | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| Issue Disconnect service order | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Subtotal - BGS/GOV CENTER*** | | | | | | **5.00** | | **$3.26** |
| **-SERVICE ORDER ENTRY CENTER** | | | | | | | | |
| ***Additional order entry time*** | | | | | | | | |
| ***Prob #1 = % of time additional order entry time is required*** | | | | | | | | |
| ***Prob #2 = % of time manual order entry is required*** | | | | | | | | |
| Disc Cent Sys Feature per feature | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Subtotal - SERVICE ORDER ENTRY CENTER*** | | | | | | **5.00** | | **$3.26** |
| ***Total For Service:*** | | | | | | **380.00** | | **$244.78** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 14672 | **Direct Cost** | | | | $244.78 |
| 14673 | | | | | |
| 14674 | | Cost Calculation | | Cost Factor | Cost |
| 14675 | | B | C | D | E |
| 14676 | | | | | |
| 14677 | ***Directly Assigned*** | | | | |
| 14678 | Product Management Expense | D14678*E14672 | | 0.025565 | $6.26 |
| 14679 | Sales Expense | D14679*E14672 | | 0.009225 | $2.26 |
| 14680 | Product Advertising Expense | D14680*E14672 | | 0.000000 | $0.00 |
| 14681 | Business Fees (Other Operating Taxes) | D14681*Sum(E14672:E14680) | | 0.002025 | $0.51 |
| 14682 | ***Directly Assigned Costs*** | Sum(E14672:E14681) | | | $9.03 |
| 14683 | | | | | |
| 14684 | ***Total Direct Costs*** | E14672+E14682 | | | $253.81 |
| 14685 | | | | | |
| 14686 | ***Directly Attributed*** | | | | |
| 14687 | Network Operations | D14687*E14684 | | 0.040880 | $10.38 |
| 14688 | Network Support Assets | D14688*E14684 | | 0.015364 | $3.90 |
| 14689 | General Support Assets | D14689*E14684 | | 0.069508 | $17.64 |
| 14690 | General Purpose Computers | D14690*E14684 | | 0.034714 | $8.81 |
| 14691 | Uncollectible | D14691*E14684 | | 0.000401 | $0.10 |
| 14692 | Accounting & Finance Expense | D14692*E14684 | | 0.008839 | $2.24 |
| 14693 | Human Resources Expense | D14693*E14684 | | 0.008145 | $2.07 |
| 14694 | Information Management Expense | D14694*E14684 | | 0.057009 | $14.47 |
| 14695 | Intangibles | D14695*E14684 | | 0.002091 | $0.53 |
| 14696 | ***Directly Attributed Costs*** | Sum(E14687:E14695) | | | $60.14 |
| 14697 | | | | | |
| 14698 | ***TELRIC*** | E14687+E14696 | | | $313.95 |
| 14699 | | | | | |
| 14700 | ***Common*** | | | | |
| 14701 | Executive Expense | D14701*E14698 | | 0.007805 | $2.45 |
| 14702 | Planning Expense | D14702*E14698 | | 0.000580 | $0.18 |
| 14703 | External Relations Expense | D14703*E14698 | | 0.013029 | $4.09 |
| 14704 | Legal Expense | D14704*E14698 | | 0.006148 | $1.93 |
| 14705 | Other Procurement Expense | D14705*E14698 | | 0.002359 | $0.74 |
| 14706 | Research & Development Expense | D14706*E14698 | | 0.000036 | $0.01 |
| 14707 | Other General and Admin Expense | D14707*E14698 | | 0.015212 | $4.78 |
| 14708 | ***Common Costs*** | Sum(E14701:E14707) | | | $14.18 |
| 14709 | | | | | |
| 14710 | ***TELRIC + Common Costs*** | E14698+E14708 | | | $328.13 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
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State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***SMDR-P - ARCHIVED DATA*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-CCT - COMM CUST TECH** | | | | | | | | |
| ***Rep takes the request and prepares paperwork*** | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| SMDR-P paperwork per request | 45 | 1.000 | | | | 45.00 | $43.81 | $32.86 |
| ***MANAGER*** | | | | | | | | |
| ***Grade 4 manager coordinates work flow & delivery*** | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| SMDR work flow | 60 | 1.000 | | | | 60.00 | $56.97 | $56.97 |
| ***CSA - Computer Systems Administrator*** | | | | | | | | |
| ***Prob #1 = Probability of occurrence*** | | | | | | | | |
| Tape Transfers | 60 | 1.000 | | | | 60.00 | $38.08 | $38.08 |
| ***Subtotal - CCT - COMM CUST TECH*** | | | | | | **165.00** | | **$127.91** |
| ***Total For Service:*** | | | | | | **165.00** | | **$127.91** |

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| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***SMDR-P - ARCHIVED DATA (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 14762 | **Direct Cost** | | | | | $127.91 |
| 14763 | | | | | | |
| 14764 | | Cost Calculation | | Cost Factor | Cost | |
| 14765 | | B | C | D | E | |
| 14766 | | | | | | |
| 14767 | ***Directly Assigned*** | | | | | |
| 14768 | Product Management Expense | D14768*E14762 | | 0.025565 | $3.27 | |
| 14769 | Sales Expense | D14769*E14762 | | 0.009225 | $1.18 | |
| 14770 | Product Advertising Expense | D14770*E14762 | | 0.000000 | $0.00 | |
| 14771 | Business Fees (Other Operating Taxes) | D14771*Sum(E14762:E14770) | | 0.002025 | $0.27 | |
| 14772 | ***Directly Assigned Costs*** | Sum(E14762:E14771) | | | $4.72 | |
| 14773 | | | | | | |
| 14774 | ***Total Direct Costs*** | E14762+E14772 | | | $132.63 | |
| 14775 | | | | | | |
| 14776 | ***Directly Attributed*** | | | | | |
| 14777 | Network Operations | D14777*E14774 | | 0.040880 | $5.42 | |
| 14778 | Network Support Assets | D14778*E14774 | | 0.015364 | $2.04 | |
| 14779 | General Support Assets | D14779*E14774 | | 0.069508 | $9.22 | |
| 14780 | General Purpose Computers | D14780*E14774 | | 0.034714 | $4.60 | |
| 14781 | Uncollectible | D14781*E14774 | | 0.000401 | $0.05 | |
| 14782 | Accounting & Finance Expense | D14782*E14774 | | 0.008839 | $1.17 | |
| 14783 | Human Resources Expense | D14783*E14774 | | 0.008145 | $1.08 | |
| 14784 | Information Management Expense | D14784*E14774 | | 0.057009 | $7.56 | |
| 14785 | Intangibles | D14785*E14774 | | 0.002091 | $0.28 | |
| 14786 | ***Directly Attributed Costs*** | Sum(E14777:E14785) | | | $31.43 | |
| 14787 | | | | | | |
| 14788 | ***TELRIC*** | E14777+E14786 | | | $164.05 | |
| 14789 | | | | | | |
| 14790 | ***Common*** | | | | | |
| 14791 | Executive Expense | D14791*E14788 | | 0.007805 | $1.28 | |
| 14792 | Planning Expense | D14792*E14788 | | 0.000580 | $0.10 | |
| 14793 | External Relations Expense | D14793*E14788 | | 0.013029 | $2.14 | |
| 14794 | Legal Expense | D14794*E14788 | | 0.006148 | $1.01 | |
| 14795 | Other Procurement Expense | D14795*E14788 | | 0.002359 | $0.39 | |
| 14796 | Research & Development Expense | D14796*E14788 | | 0.000036 | $0.01 | |
| 14797 | Other General and Admin Expense | D14797*E14788 | | 0.015212 | $2.50 | |
| 14798 | ***Common Costs*** | Sum(E14791:E14797) | | | $7.41 | |
| 14799 | | | | | | |
| 14800 | ***TELRIC + Common Costs*** | E14788+E14798 | | | $171.46 | |

## NONRECURRING COST DETAIL SUMMARY

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| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.4 SUBSEQUENT ORDER CHARGE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-ISC - INTERCONNECT SERVICE CENTER** | | | | | | | | |
| PROVISION SUBSEQUESNT ORDER | 15 | 1.000 | | | | 15.00 | $39.16 | $9.79 |
| ***Subtotal - ISC - INTERCONNECT SERVICE CENTER*** | | | | | | **15.00** | | **$9.79** |
| ***Total For Service:*** | | | | | | **15.00** | | **$9.79** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.12.1.4 SUBSEQUENT ORDER CHARGE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 14852 | ***Direct Cost*** | | | | $9.79 |
| 14853 | | | | | |
| 14854 | | Cost Calculation | | Cost Factor | Cost |
| 14855 | | | | | |
| 14856 | | B | C | D | E |
| 14857 | ***Directly Assigned*** | | | | |
| 14858 | Product Management Expense | D14858*E14852 | | 0.025565 | $0.25 |
| 14859 | Sales Expense | D14859*E14852 | | 0.009225 | $0.09 |
| 14860 | Product Advertising Expense | D14860*E14852 | | 0.000000 | $0.00 |
| 14861 | Business Fees (Other Operating Taxes) | D14861*Sum(E14852:E14860) | | 0.002025 | $0.02 |
| 14862 | ***Directly Assigned Costs*** | Sum(E14852:E14861) | | | $0.36 |
| 14863 | | | | | |
| 14864 | ***Total Direct Costs*** | E14852+E14862 | | | $10.15 |
| 14865 | | | | | |
| 14866 | ***Directly Attributed*** | | | | |
| 14867 | Network Operations | D14867*E14864 | | 0.040880 | $0.41 |
| 14868 | Network Support Assets | D14868*E14864 | | 0.015364 | $0.16 |
| 14869 | General Support Assets | D14869*E14864 | | 0.069508 | $0.71 |
| 14870 | General Purpose Computers | D14870*E14864 | | 0.034714 | $0.35 |
| 14871 | Uncollectible | D14871*E14864 | | 0.000401 | $0.00 |
| 14872 | Accounting & Finance Expense | D14872*E14864 | | 0.008839 | $0.09 |
| 14873 | Human Resources Expense | D14873*E14864 | | 0.008145 | $0.08 |
| 14874 | Information Management Expense | D14874*E14864 | | 0.057009 | $0.58 |
| 14875 | Intangibles | D14875*E14864 | | 0.002091 | $0.02 |
| 14876 | ***Directly Attributed Costs*** | Sum(E14867:E14875) | | | $2.41 |
| 14877 | | | | | |
| 14878 | ***TELRIC*** | E14867+E14876 | | | $12.56 |
| 14879 | | | | | |
| 14880 | ***Common*** | | | | |
| 14881 | Executive Expense | D14881*E14878 | | 0.007805 | $0.10 |
| 14882 | Planning Expense | D14882*E14878 | | 0.000580 | $0.01 |
| 14883 | External Relations Expense | D14883*E14878 | | 0.013029 | $0.16 |
| 14884 | Legal Expense | D14884*E14878 | | 0.006148 | $0.08 |
| 14885 | Other Procurement Expense | D14885*E14878 | | 0.002359 | $0.03 |
| 14886 | Research & Development Expense | D14886*E14878 | | 0.000036 | $0.00 |
| 14887 | Other General and Admin Expense | D14887*E14878 | | 0.015212 | $0.19 |
| 14888 | ***Common Costs*** | Sum(E14881:E14887) | | | $0.57 |
| 14889 | | | | | |
| 14890 | ***TELRIC + Common Costs*** | E14878+E14888 | | | $13.12 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECTION SERVICE CENTER | | | | | | | | |
| ***Prob #1 = .05, .5, .60 probability of occurrences*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies CFA or facility/circuit availability | 2 | 0.050 | | | | 0.10 | $39.16 | $0.07 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address*** | | | | | | | | |
| Exchange Info-Obtain Central Office | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| CPPD-lookup billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Summary Bill List-Look up BTN#, tax code, and Bill date | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.*** | | | | | | | | |
| Issue appropriate forms and/or orders | 2 | 0.500 | | | | 1.00 | $39.16 | $0.65 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all orders for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Includes handling calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service order (ESOI) | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| *Subtotal - INTERCONNECTION SERVICE CENTER* | | | | | | 37.35 | | $24.38 |
| -LOOP PROVISIONING CENTER | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = % of orders manually assigned includes orders not assigned in FACS.*** | | | | | | | | |
| Clearing time per RMA | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| *Subtotal - LOOP PROVISIONING CENTER* | | | | | | 4.50 | | $2.83 |
| -RCMAC | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***prob #2 = % by switch type*** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) (con't)*** | | | | | | | | |
| Translations - SW1 | 10 | 0.660 | | | | 6.60 | $43.81 | $4.82 |
| Translations - SW2 | 7 | 0.340 | | | | 2.38 | $43.81 | $1.74 |
| ***Subtotal - RCMAC*** | | | | | | **8.98** | | **$6.56** |
| **-DESIGNED SERVICE CENTER - DESIGN** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = % of order items that require manual processing*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA mask | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| Circuit design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute WORD doc | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGNED SERVICE CENTER - DESIGN*** | | | | | | **38.00** | | **$28.06** |
| **-CENTRAL OFFICE TECHNICIAN - LNO/CO** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| Analyze Order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete Cross-Connect | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| Perform Comformance testing | 7 | 1.000 | | | | 7.00 | $43.81 | $5.11 |
| Complete DD work status with CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| Post DVA work complete in WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN - LNO/CO*** | | | | | | **21.00** | | **$15.33** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| Screen Work Force Administration for Circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Verify LNO completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Monitor Performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify Co-Provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post Order Complete in Work Force Administration- Control Module | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| **-CORAC/DISPATCH CENTER** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = CRON'd fallout (manual load)*** | | | | | | | | |
| Screen Order | 2 | 0.150 | | | | 0.30 | $37.78 | $0.19 |
| Load work request to Technician | 5 | 0.150 | | | | 0.75 | $37.78 | $0.47 |
| Closeout work request with Technician | 3 | 0.150 | | | | 0.45 | $37.78 | $0.28 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) (con't)*** | | | | | | | | |
| ***Subtotal - CORAC/DISPATCH CENTER*** | | | | | | **1.50** | | **$0.94** |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| B CHANNEL CIRCUIT SWITCHED DATA - 5E | 8 | 0.660 | | | | 5.28 | $43.81 | $3.86 |
| B CHANNEL CIRCUIT SWITCHED DATA - DMS | 8 | 0.340 | | | | 2.72 | $43.81 | $1.99 |
| CALL APPEARANCE - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALL APPEARANCE - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALLER ID BLOCKING, ALL CALL, PER BRS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLER ID BLOCKING, ALL CALL, PER BRS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| D CHANNEL PACKET SWITCHED DATA - 5E | 8 | 0.660 | | | | 5.28 | $43.81 | $3.86 |
| D CHANNEL PACKET SWITCHED DATA - DMS | 8 | 0.340 | | | | 2.72 | $43.81 | $1.99 |
| ADDITIONAL CALL APPEARANCE/FEATURE - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| RINGING NORMAL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 LOGICAL CHANNELS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 LOGICAL CHANNELS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **22.66** | | **$16.55** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| ***2nd probability weighting of SLS line counts to ISDN equipped Central Offices*** | | | | | | | | |
| ***(137,938 lines to 382 central offices)*** | | | | | | | | |
| COMMON BLOCK - 5E | 10 | 0.660 | 0.003 | | | 0.02 | $41.45 | $0.01 |
| COMMON BLOCK - 5E | 10 | 0.660 | 0.003 | | | 0.02 | $41.45 | $0.01 |
| COMMON BLOCK - DMS | 335 | 0.340 | 0.003 | | | 0.34 | $41.45 | $0.24 |
| COMMON BLOCK - DMS | 580 | 0.340 | 0.003 | | | 0.59 | $41.45 | $0.41 |
| D CHANNEL PACKET SWITCHED DATA - DMS | 15 | 0.340 | 0.003 | | | 0.02 | $41.45 | $0.01 |
| D CHANNEL PACKET SWITCHED DATA - DMS | 10 | 0.340 | 0.003 | | | 0.01 | $41.45 | $0.01 |
| CALLER ID BLOCKING, PER BRS - DMS | 10 | 0.340 | 0.003 | | | 0.01 | $41.45 | $0.01 |
| CALLER ID BLOCKING, PER BRS - DMS | 5 | 0.340 | 0.003 | | | 0.01 | $41.45 | $0.00 |
| ***1st probability is % of time this product requires complex translations work*** | | | | | | | | |
| ***2nd probability average numbe of buttons per configuration group*** | | | | | | | | |
| ***3rd probability weighting of SLS line counts to ISDN equipped Central Offices*** | | | | | | | | |
| ***(137,938 lines to 382 central offices)*** | | | | | | | | |
| CONFIGURATION GROUP - ADMINISTRATION | 30 | 1.000 | 0.060 | 0.003 | | 0.01 | $41.45 | $0.00 |
| PER BUTTON - ADMINISTRATION | 7 | 1.000 | | 0.003 | | 0.02 | $41.45 | $0.01 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) (con't)*** | | | | | | | | |
| CONFIGURATION GROUP - MAINTENANCE | 30 | 1.000 | 0.060 | 0.003 | | 0.01 | $41.45 | $0.00 |
| PER BUTTON - MAINTENANCE | 5 | 1.000 | | 0.003 | | 0.02 | $41.45 | $0.01 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **1.06** | | **$0.73** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob #1 = Occurrences*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = % of orders manually assigned includes orders not assigned in FACS.*** | | | | | | | | |
| Clearing time per RMA | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **4.50** | | **$2.83** |
| **-RCMAC** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = % by switch type*** | | | | | | | | |
| Translations - SW1 | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| Translations - SW2 | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **1.00** | | **$0.73** |
| **-DESIGNED SERVICE CENTER - DESIGN** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = % of orders requiring manual processing*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGNED SERVICE CENTER - DESIGN*** | | | | | | **2.30** | | **$1.70** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) (con't)*** | | | | | | | | |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| Screen Work Force Administration for Circuit for order accuracy | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact Co-Provider | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete order in Work Force Administration - Control Module | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| **-CENTRAL OFFICE TECHNICIAN - LNO/CO** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| Analyze Order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove Cross - connect | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| Complete work request in Work Force Administration - Dispatch In Module | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN - LNO/CO*** | | | | | | **9.30** | | **$6.79** |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| B CHANNEL CIRCUIT SWITCHED DATA - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| B CHANNEL CIRCUIT SWITCHED DATA - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALL APPEARANCE - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALL APPEARANCE - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALLER ID BLOCKING, ALL CALL, PER BRS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLER ID BLOCKING, ALL CALL, PER BRS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| D CHANNEL PACKET SWITCHED DATA - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| D CHANNEL PACKET SWITCHED DATA - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ADDITIONAL CALL APPEARANCE/FEATURE - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| ADDITIONAL PRIMARY DIRECTORY NUMBER - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| RINGING NORMAL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 FLOW CONTROL PARAMETER NEGOTIATION, PER CALL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 LOGICAL CHANNELS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 LOGICAL CHANNELS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| X.25 THROUGHOUT CLASS NEGOTIATION, PER CALL - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **8.66** | | **$6.32** |
| ***Total For Service:*** | | | | | | **238.81** | | **$168.93** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***9.12.1.5 DIGITAL LINE SIDE PORT (SUPPORTING BRI ISDN) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 15122 | **Direct Cost** | | | | $168.93 |
| 15123 | | | | | |
| 15124 | | Cost Calculation | | Cost Factor | Cost |
| 15125 | | B | C | D | E |
| 15126 | | | | | |
| 15127 | ***Directly Assigned*** | | | | |
| 15128 | Product Management Expense | D15128*E15122 | | 0.025565 | $4.32 |
| 15129 | Sales Expense | D15129*E15122 | | 0.009225 | $1.56 |
| 15130 | Product Advertising Expense | D15130*E15122 | | 0.000000 | $0.00 |
| 15131 | Business Fees (Other Operating Taxes) | D15131*Sum(E15122:E15130) | | 0.002025 | $0.35 |
| 15132 | ***Directly Assigned Costs*** | Sum(E15122:E15131) | | | $6.23 |
| 15133 | | | | | |
| 15134 | ***Total Direct Costs*** | E15122+E15132 | | | $175.16 |
| 15135 | | | | | |
| 15136 | ***Directly Attributed*** | | | | |
| 15137 | Network Operations | D15137*E15134 | | 0.040880 | $7.16 |
| 15138 | Network Support Assets | D15138*E15134 | | 0.015364 | $2.69 |
| 15139 | General Support Assets | D15139*E15134 | | 0.069508 | $12.18 |
| 15140 | General Purpose Computers | D15140*E15134 | | 0.034714 | $6.08 |
| 15141 | Uncollectible | D15141*E15134 | | 0.000401 | $0.07 |
| 15142 | Accounting & Finance Expense | D15142*E15134 | | 0.008839 | $1.55 |
| 15143 | Human Resources Expense | D15143*E15134 | | 0.008145 | $1.43 |
| 15144 | Information Management Expense | D15144*E15134 | | 0.057009 | $9.99 |
| 15145 | Intangibles | D15145*E15134 | | 0.002091 | $0.37 |
| 15146 | ***Directly Attributed Costs*** | Sum(E15137:E15145) | | | $41.51 |
| 15147 | | | | | |
| 15148 | ***TELRIC*** | E15137+E15146 | | | $216.67 |
| 15149 | | | | | |
| 15150 | ***Common*** | | | | |
| 15151 | Executive Expense | D15151*E15148 | | 0.007805 | $1.69 |
| 15152 | Planning Expense | D15152*E15148 | | 0.000580 | $0.13 |
| 15153 | External Relations Expense | D15153*E15148 | | 0.013029 | $2.82 |
| 15154 | Legal Expense | D15154*E15148 | | 0.006148 | $1.33 |
| 15155 | Other Procurement Expense | D15155*E15148 | | 0.002359 | $0.51 |
| 15156 | Research & Development Expense | D15156*E15148 | | 0.000036 | $0.01 |
| 15157 | Other General and Admin Expense | D15157*E15148 | | 0.015212 | $3.30 |
| 15158 | ***Common Costs*** | Sum(E15151:E15157) | | | $9.79 |
| 15159 | | | | | |
| 15160 | ***TELRIC + Common Costs*** | E15148+E15158 | | | $226.46 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob #1 = .05, .5, .60 probability of occurrences*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies CFA or facility/circuit availability | 2 | 0.050 | | | | 0.10 | $39.16 | $0.07 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address*** | | | | | | | | |
| Exchange Info-Obtain Central Office | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| CPPD-lookup billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Summary Bill List-Look up BTN#, tax code, and Bill date | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.*** | | | | | | | | |
| Issue appropriate forms and/or orders | 2 | 0.500 | | | | 1.00 | $39.16 | $0.65 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all orders for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Includes handling calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service order (ESOI) | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.35** | | **$24.38** |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| Log and Verify Facility (manual orders) | 45 | 0.050 | | | | 2.25 | $44.31 | $1.66 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 6 | 0.050 | | | | 0.30 | $44.31 | $0.22 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.200 | | | | 3.00 | $44.31 | $2.22 |
| Distribute Documents | 4 | 1.000 | | | | 4.00 | $44.31 | $2.95 |
| Log and Verify Facility (mechanzied orders) | 25 | 0.950 | | | | 23.75 | $44.31 | $17.54 |
| Build and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| Build and verify Circuit Design (CD) (mechanized orders) | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY (con't)*** | | | | | | | | |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **40.15** | | **$29.65** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Screen Work Force Authorization for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Verify Local Network Operations for completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Monitor performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Nortify co-provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post order complete in Work Force Administration - control Module | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| **-CORAC/DISPATCH CENTER** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = CRON'd fallout (manual load)*** | | | | | | | | |
| Screen Order | 2 | 0.150 | | | | 0.30 | $37.78 | $0.19 |
| Load work request to Technician | 5 | 0.150 | | | | 0.75 | $37.78 | $0.47 |
| Closeout work request with Technician | 3 | 0.150 | | | | 0.45 | $37.78 | $0.28 |
| ***Subtotal - CORAC/DISPATCH CENTER*** | | | | | | **1.50** | | **$0.94** |
| **-CENTRAL OFFICE TECH** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross connect | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Perform conformance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Complete DD work status with CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| Post DVA work complete in WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECH*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob #1 = Occurrences*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY (con't)*** | | | | | | | | |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.*** | | | | | | | | |
| Log and Verify Facility (manual orders) | 8 | 0.050 | | | | 0.40 | $44.31 | $0.30 |
| Build and validate design related info and Work Authorization (manual orders) | 5 | 0.050 | | | | 0.25 | $44.31 | $0.18 |
| Build and verify circuit design (manual orders) | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| Distribute Documents | 2 | 1.000 | | | | 2.00 | $44.31 | $1.48 |
| Log and Verify Facility (mechanzied orders) | 3 | 0.950 | | | | 2.85 | $44.31 | $2.10 |
| Build and validate design related info and Work Authorization (mechanized orders) | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| Build and verify circuit design mechanized orders) | 2 | 0.950 | | | | 1.90 | $44.31 | $1.40 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **9.45** | | **$6.98** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Screen Work Force Authorization for order accuracy | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact Co-Provider | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in Work Force Administration/control Module | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| **-CENTRAL OFFICE TECH** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove Cross connect | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete Order in Work Force Administration - Dispatch In Module | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECH*** | | | | | | **12.00** | | **$8.76** |
| ***Total For Service:*** | | | | | | **213.45** | | **$151.44** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.12.1.6.1 UNBUNDLED DS1 DID TRUNK PORT FACILITY (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 15302 | **Direct Cost** | | | | $151.44 |
| 15303 | | | | | |
| 15304 | | Cost Calculation | | Cost Factor | Cost |
| 15305 | | | | | |
| 15306 | | B | C | D | E |
| 15307 | ***Directly Assigned*** | | | | |
| 15308 | Product Management Expense | D15308*E15302 | | 0.025565 | $3.87 |
| 15309 | Sales Expense | D15309*E15302 | | 0.009225 | $1.40 |
| 15310 | Product Advertising Expense | D15310*E15302 | | 0.000000 | $0.00 |
| 15311 | Business Fees (Other Operating Taxes) | D15311*Sum(E15302:E15310) | | 0.002025 | $0.32 |
| 15312 | ***Directly Assigned Costs*** | Sum(E15302:E15311) | | | $5.59 |
| 15313 | | | | | |
| 15314 | ***Total Direct Costs*** | E15302+E15312 | | | $157.03 |
| 15315 | | | | | |
| 15316 | ***Directly Attributed*** | | | | |
| 15317 | Network Operations | D15317*E15314 | | 0.040880 | $6.42 |
| 15318 | Network Support Assets | D15318*E15314 | | 0.015364 | $2.41 |
| 15319 | General Support Assets | D15319*E15314 | | 0.069508 | $10.91 |
| 15320 | General Purpose Computers | D15320*E15314 | | 0.034714 | $5.45 |
| 15321 | Uncollectible | D15321*E15314 | | 0.000401 | $0.06 |
| 15322 | Accounting & Finance Expense | D15322*E15314 | | 0.008839 | $1.39 |
| 15323 | Human Resources Expense | D15323*E15314 | | 0.008145 | $1.28 |
| 15324 | Information Management Expense | D15324*E15314 | | 0.057009 | $8.95 |
| 15325 | Intangibles | D15325*E15314 | | 0.002091 | $0.33 |
| 15326 | ***Directly Attributed Costs*** | Sum(E15317:E15325) | | | $37.21 |
| 15327 | | | | | |
| 15328 | ***TELRIC*** | E15317+E15326 | | | $194.23 |
| 15329 | | | | | |
| 15330 | ***Common*** | | | | |
| 15331 | Executive Expense | D15331*E15328 | | 0.007805 | $1.52 |
| 15332 | Planning Expense | D15332*E15328 | | 0.000580 | $0.11 |
| 15333 | External Relations Expense | D15333*E15328 | | 0.013029 | $2.53 |
| 15334 | Legal Expense | D15334*E15328 | | 0.006148 | $1.19 |
| 15335 | Other Procurement Expense | D15335*E15328 | | 0.002359 | $0.46 |
| 15336 | Research & Development Expense | D15336*E15328 | | 0.000036 | $0.01 |
| 15337 | Other General and Admin Expense | D15337*E15328 | | 0.015212 | $2.95 |
| 15338 | ***Common Costs*** | Sum(E15331:E15337) | | | $8.77 |
| 15339 | | | | | |
| 15340 | ***TELRIC + Common Costs*** | E15328+E15338 | | | $203.01 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Prob #1 = .05, .5, .60 probability of occurrences*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies CFA or facility/circuit availability | 2 | 0.050 | | | | 0.10 | $39.16 | $0.07 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address*** | | | | | | | | |
| Exchange Info-Obtain Central Office | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| CPPD-lookup billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Summary Bill List-Look up BTN#, tax code, and Bill date | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.*** | | | | | | | | |
| Issue appropriate forms and/or orders | 2 | 0.500 | | | | 1.00 | $39.16 | $0.65 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all orders for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Includes handling calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service order (ESOI) | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.35** | | **$24.38** |
| -DESIGN SERVICE CENTER - DESIGNER | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Perform TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL (con't)*** | | | | | | | | |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **1.39** | | **$1.03** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| Screen Work Force Administration-Control Module for order accuracy | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete Performance Testing | 45 | 1.000 | | | | 45.00 | $43.81 | $32.86 |
| Notify co-provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post order complete in Work Force Administration - Control Module | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| **-NROC - COMPLEX TRANSLATIONS - TRUNK GROUP** | | | | | | | | |
| ***Prob #1 = .50 probability is % of orders establishing a new trunk group*** | | | | | | | | |
| Assign Trunk Group Number | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| Analyze Access Service Request/Translations Questionnaire | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| Build New Trunk Group | 20 | 0.500 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS - TRUNK GROUP*** | | | | | | **20.00** | | **$13.82** |
| **-NROC - COMPLEX TRANSLATIONS - ROUTE INDEX** | | | | | | | | |
| ***Prob #1 = .50 probability is % of orders establishing a new trunk group*** | | | | | | | | |
| Assign Route Index | 10 | 0.500 | | | | 5.00 | $41.45 | $3.45 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS - ROUTE INDEX*** | | | | | | **5.00** | | **$3.45** |
| **-NROC - COMPLEX TRANSLATIONS - TESTING** | | | | | | | | |
| ***Prob #1 = .50 probability is % of orders establishing a new trunk group*** | | | | | | | | |
| Perform test call | 5 | 0.500 | | | | 2.50 | $41.45 | $1.73 |
| Complete work item in Work Force Administration - Dispatch Module | 5 | 0.500 | | | | 2.50 | $41.45 | $1.73 |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS - TESTING*** | | | | | | **5.00** | | **$3.45** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob #1 = occurrence*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL (con't)*** | | | | | | | | |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob 1 (.05, .95) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and Validate Work Authorization (manual orders) | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| Build and Validate Work Authorization (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and verify Circuit Design (CD) (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| Screen Work Force Administration-Control Module for order accuracy | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact Co-Provider | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete Circuit in Work Force Adminstration - Control Module | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **177.52** | | **$123.78** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.12.1.6.2 MESSAGE TRUNK GROUP, FIRST TRUNK - DS0 DIGITAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 15482 | **Direct Cost** | | | | $123.78 |
| 15483 | | | | | |
| 15484 | | Cost Calculation | | Cost Factor | Cost |
| 15485 | | | | | |
| 15486 | | B | C | D | E |
| 15487 | ***Directly Assigned*** | | | | |
| 15488 | Product Management Expense | D15488*E15482 | | 0.025565 | $3.16 |
| 15489 | Sales Expense | D15489*E15482 | | 0.009225 | $1.14 |
| 15490 | Product Advertising Expense | D15490*E15482 | | 0.000000 | $0.00 |
| 15491 | Business Fees (Other Operating Taxes) | D15491*Sum(E15482:E15490) | | 0.002025 | $0.26 |
| 15492 | ***Directly Assigned Costs*** | Sum(E15482:E15491) | | | $4.57 |
| 15493 | | | | | |
| 15494 | ***Total Direct Costs*** | E15482+E15492 | | | $128.35 |
| 15495 | | | | | |
| 15496 | ***Directly Attributed*** | | | | |
| 15497 | Network Operations | D15497*E15494 | | 0.040880 | $5.25 |
| 15498 | Network Support Assets | D15498*E15494 | | 0.015364 | $1.97 |
| 15499 | General Support Assets | D15499*E15494 | | 0.069508 | $8.92 |
| 15500 | General Purpose Computers | D15500*E15494 | | 0.034714 | $4.46 |
| 15501 | Uncollectible | D15501*E15494 | | 0.000401 | $0.05 |
| 15502 | Accounting & Finance Expense | D15502*E15494 | | 0.008839 | $1.13 |
| 15503 | Human Resources Expense | D15503*E15494 | | 0.008145 | $1.05 |
| 15504 | Information Management Expense | D15504*E15494 | | 0.057009 | $7.32 |
| 15505 | Intangibles | D15505*E15494 | | 0.002091 | $0.27 |
| 15506 | ***Directly Attributed Costs*** | Sum(E15497:E15505) | | | $30.41 |
| 15507 | | | | | |
| 15508 | ***TELRIC*** | E15497+E15506 | | | $158.76 |
| 15509 | | | | | |
| 15510 | ***Common*** | | | | |
| 15511 | Executive Expense | D15511*E15508 | | 0.007805 | $1.24 |
| 15512 | Planning Expense | D15512*E15508 | | 0.000580 | $0.09 |
| 15513 | External Relations Expense | D15513*E15508 | | 0.013029 | $2.07 |
| 15514 | Legal Expense | D15514*E15508 | | 0.006148 | $0.98 |
| 15515 | Other Procurement Expense | D15515*E15508 | | 0.002359 | $0.37 |
| 15516 | Research & Development Expense | D15516*E15508 | | 0.000036 | $0.01 |
| 15517 | Other General and Admin Expense | D15517*E15508 | | 0.015212 | $2.42 |
| 15518 | ***Common Costs*** | Sum(E15511:E15517) | | | $7.17 |
| 15519 | | | | | |
| 15520 | ***TELRIC + Common Costs*** | E15508+E15518 | | | $165.93 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***9.12.1.6.3 MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***PROB #1 = .60, .05 % probability of occurrence*** | | | | | | | | |
| Populate required fields Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Review Firm Order Confirmation | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Issue service order | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Service Order Analysis & Control (SOAC/SOP) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Includes handling calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $39.16 | $0.39 |
| Hanlding problems on the LSR, error on Servie (ESOI) | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **14.85** | | **$9.69** |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob 1 (.05, .20, .95, .80) are percent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| Build and validate Design Related Info (DRI) and Work Authorization (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Buid and validate Design Related Info (DRI) and Work Authorization (mechanized orders) | 4 | 0.950 | 0.042 | | | 0.16 | $44.31 | $0.12 |
| Build and verify Circuit Design (CD) (manual orders) | 15 | 0.050 | 0.042 | | | 0.03 | $44.31 | $0.02 |
| Build and verify Circuit Design (CD) (mechanized orders) | 3 | 0.950 | 0.042 | | | 0.12 | $44.31 | $0.09 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Perform TAS (Trunk Assignment System) Functions | 15 | 0.750 | 0.042 | | | 0.47 | $44.31 | $0.35 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **1.39** | | **$1.03** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| Screen Work Force Administration for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete perfomance testing | 6 | 1.000 | | | | 6.00 | $43.81 | $4.38 |
| Post order complete in Work Force Administration - Control Module | 1 | 1.000 | | | | 1.00 | $43.81 | $0.73 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **12.00** | | **$8.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***PROB #1 = occurrences*** | | | | | | | | |
| Issue service order | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Populate required fields Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Ensure order is successfully distributed to SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.3 MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL (con't)*** | | | | | | | | |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.18** |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob 1 (.05, .95) are pecent orders worked manual versus mechanized.*** | | | | | | | | |
| ***.042 represents 1/24 of a trunk group. Assumes 24 trunks per order.*** | | | | | | | | |
| Order handling and screening | 10 | 1.000 | 0.042 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and Validate Work Authorization (manual orders) | 5 | 0.050 | 0.042 | | | 0.01 | $44.31 | $0.01 |
| Build and Validate Work Authorization (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Build and verify circuit design (manual orders) | 10 | 0.050 | 0.042 | | | 0.02 | $44.31 | $0.02 |
| Build and verify circuit design (mechanized orders) | 2 | 0.950 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 1.000 | 0.042 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| Screen Work Force Administration - Control Module for order accuracy | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in Work Force Administration - Control Module | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **10.00** | | **$7.30** |
| ***Total For Service:*** | | | | | | **50.02** | | **$34.54** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.12.1.6.3 MESSAGE TRUNK GROUP, EACH ADDITIONAL - DS0 DIGITAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 15617 | **Direct Cost** | | | | $34.54 |
| 15618 | | | | | |
| 15619 | | Cost Calculation | | Cost Factor | Cost |
| 15620 | | B | C | D | E |
| 15621 | | | | | |
| 15622 | ***Directly Assigned*** | | | | |
| 15623 | Product Management Expense | D15623*E15617 | | 0.025565 | $0.88 |
| 15624 | Sales Expense | D15624*E15617 | | 0.009225 | $0.32 |
| 15625 | Product Advertising Expense | D15625*E15617 | | 0.000000 | $0.00 |
| 15626 | Business Fees (Other Operating Taxes) | D15626*Sum(E15617:E15625) | | 0.002025 | $0.07 |
| 15627 | ***Directly Assigned Costs*** | Sum(E15617:E15626) | | | $1.27 |
| 15628 | | | | | |
| 15629 | ***Total Direct Costs*** | E15617+E15627 | | | $35.81 |
| 15630 | | | | | |
| 15631 | ***Directly Attributed*** | | | | |
| 15632 | Network Operations | D15632*E15629 | | 0.040880 | $1.46 |
| 15633 | Network Support Assets | D15633*E15629 | | 0.015364 | $0.55 |
| 15634 | General Support Assets | D15634*E15629 | | 0.069508 | $2.49 |
| 15635 | General Purpose Computers | D15635*E15629 | | 0.034714 | $1.24 |
| 15636 | Uncollectible | D15636*E15629 | | 0.000401 | $0.01 |
| 15637 | Accounting & Finance Expense | D15637*E15629 | | 0.008839 | $0.32 |
| 15638 | Human Resources Expense | D15638*E15629 | | 0.008145 | $0.29 |
| 15639 | Information Management Expense | D15639*E15629 | | 0.057009 | $2.04 |
| 15640 | Intangibles | D15640*E15629 | | 0.002091 | $0.07 |
| 15641 | ***Directly Attributed Costs*** | Sum(E15632:E15640) | | | $8.49 |
| 15642 | | | | | |
| 15643 | ***TELRIC*** | E15632+E15641 | | | $44.30 |
| 15644 | | | | | |
| 15645 | ***Common*** | | | | |
| 15646 | Executive Expense | D15646*E15643 | | 0.007805 | $0.35 |
| 15647 | Planning Expense | D15647*E15643 | | 0.000580 | $0.03 |
| 15648 | External Relations Expense | D15648*E15643 | | 0.013029 | $0.58 |
| 15649 | Legal Expense | D15649*E15643 | | 0.006148 | $0.27 |
| 15650 | *Other Procurement Expense* | D15650*E15643 | | 0.002359 | $0.10 |
| 15651 | Research & Development Expense | D15651*E15643 | | 0.000036 | $0.00 |
| 15652 | Other General and Admin Expense | D15652*E15643 | | 0.015212 | $0.67 |
| 15653 | ***Common Costs*** | Sum(E15646:E15652) | | | $2.00 |
| 15654 | | | | | |
| 15655 | ***TELRIC + Common Costs*** | E15643+E15653 | | | $46.30 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Prob #1 = .05, .5, .60 probability of occurrences*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies CFA or facility/circuit availability | 2 | 0.050 | | | | 0.10 | $39.16 | $0.07 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address*** | | | | | | | | |
| Exchange Info-Obtain Central Office | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| CPPD-lookup billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Summary Bill List-Look up BTN#, tax code, and Bill date | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***If there is either directory advertising or a retail contract or both, issue the order to remove the information from the account. An estimate of 50% of the accounts will have these.*** | | | | | | | | |
| Issue appropriate forms and/or orders | 2 | 0.500 | | | | 1.00 | $39.16 | $0.65 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all orders for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Includes handling calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service order (ESOI) | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.35** | | **$24.38** |
| -DESIGN SERVICE CENTER - DESIGNER | | | | | | | | |
| ***Prob #1 = % of time manual handling is required*** | | | | | | | | |
| Order Handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| Generic Order Control order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter Work Authorization mask | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| Circuit Design | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| Distribute Word Doc | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **38.00** | | **$28.06** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT (con't)*** | | | | | | | | |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = .042 represents 1/24 of a trunk group. Assumes 24 trunks per order*** | | | | | | | | |
| Screen Work Force Administration for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Set DS1 Trans. Opts in Switch and add TG members | 20 | 0.042 | | | | 0.84 | $43.81 | $0.61 |
| Monitor performance testing | 15 | 0.042 | | | | 0.63 | $43.81 | $0.46 |
| Notify co-provider of work completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Post order complet in Work Force Administration - Control Module | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **2.52** | | **$1.84** |
| **-CENTRAL OFFICE TECHNICIAN** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete cross connect | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Perform conformance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Complete DD work status with CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| Post DVA work complete in WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN*** | | | | | | **35.00** | | **$25.56** |
| **-CORAC/DISPATCH CENTER** | | | | | | | | |
| ***Prob #1 = times*** | | | | | | | | |
| ***Prob #2 = CRON'd fallout (manual load)*** | | | | | | | | |
| Screen Order | 2 | 0.150 | | | | 0.30 | $37.78 | $0.19 |
| Load work request to Technician | 5 | 0.150 | | | | 0.75 | $37.78 | $0.47 |
| Closeout work request with Technician | 3 | 0.150 | | | | 0.45 | $37.78 | $0.28 |
| ***Subtotal - CORAC/DISPATCH CENTER*** | | | | | | **1.50** | | **$0.94** |
| **-NROC - COMPLEX TRANSLATIONS** | | | | | | | | |
| ***Translations for building PRI Trunk Groups*** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translation work*** | | | | | | | | |
| ***Prob #2 = % DMS switch type*** | | | | | | | | |
| TABLE LTDEF | 20 | 1.000 | 0.340 | | | 6.80 | $41.45 | $4.70 |
| TABLE LTMAP | 15 | 1.000 | 0.340 | | | 5.10 | $41.45 | $3.52 |
| TABLE LTDATA | 20 | 1.000 | 0.340 | | | 6.80 | $41.45 | $4.70 |
| TABLE LTCALLS | 25 | 1.000 | 0.340 | | | 8.50 | $41.45 | $5.87 |
| TABLE IBNRTE | 30 | 1.000 | 0.340 | | | 10.20 | $41.45 | $7.05 |
| TABLE CIRTGRPS | 25 | 1.000 | 0.340 | | | 8.50 | $41.45 | $5.87 |
| TABLE OFRT | 20 | 1.000 | 0.340 | | | 6.80 | $41.45 | $4.70 |
| TABLE DNROUTE | 20 | 1.000 | 0.340 | | | 6.80 | $41.45 | $4.70 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT (con't)*** | | | | | | | | |
| ***Subtotal - NROC - COMPLEX TRANSLATIONS*** | | | | | | **59.50** | | **$41.10** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***Translations for building PRI Trunk Groups*** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translation work*** | | | | | | | | |
| ***Prob #2 = % DMS switch type*** | | | | | | | | |
| TABLE TRKGRP | 35 | 1.000 | 0.340 | | | 11.90 | $41.45 | $8.22 |
| TABLE TRKSGRP | 30 | 1.000 | 0.340 | | | 10.20 | $41.45 | $7.05 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **22.10** | | **$15.27** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translations for a DEDICATED PRI - 23B+D CONFIGURATION - 5E*** | | | | | | | | |
| ***Prob #2 = % 5E switch type*** | | | | | | | | |
| PRI interface group per D Channel | 10 | 1.000 | 0.660 | | | 6.60 | $41.45 | $4.56 |
| D Channel Trunk Group | 35 | 1.000 | 0.660 | | | 23.10 | $41.45 | $15.96 |
| Per B Channel Trunk Group | 140 | 1.000 | 0.660 | | | 92.40 | $41.45 | $63.83 |
| Per Route Index | 45 | 1.000 | 0.660 | | | 29.70 | $41.45 | $20.52 |
| Alernate RI for data | 45 | 1.000 | 0.660 | | | 29.70 | $41.45 | $20.52 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **181.50** | | **$125.39** |
| **-COMPLEX TRANSLATIONS - INPUT** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translations for a DEDICATED PRI - 23B+D CONFIGURATION - 5E*** | | | | | | | | |
| ***Prob #2 = % 5E switch type*** | | | | | | | | |
| PRI interface group per D Channel | 5 | 1.000 | 0.660 | | | 3.30 | $41.45 | $2.28 |
| D Channel Trunk Group | 25 | 1.000 | 0.660 | | | 16.50 | $41.45 | $11.40 |
| Per B Channel Trunk Group | 100 | 1.000 | 0.660 | | | 66.00 | $41.45 | $45.60 |
| Per Route Index | 30 | 1.000 | 0.660 | | | 19.80 | $41.45 | $13.68 |
| Alternate RI for data | 30 | 1.000 | 0.660 | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - COMPLEX TRANSLATIONS - INPUT*** | | | | | | **125.40** | | **$86.63** |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| CALLING NUMBER IDENTIFICATION - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLING NUMBER IDENTIFICAITON - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - INPUT - DMS | 10 | 0.340 | | | | 3.40 | $43.81 | $2.48 |
| CALLING NUMBER IDENTIFICATION BLOCKING - ALL CALLS - DESIGN - DMS | 5 | 0.340 | | | | 1.70 | $43.81 | $1.24 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT (con't)*** | | | | | | | | |
| B CHANNEL CIRCUIT SWITCHED DATA - 5E | 8 | 0.660 | | | | 5.28 | $43.81 | $3.86 |
| B CHANNEL CIRCUIT SWITCHED DATA - DMS | 8 | 0.340 | | | | 2.72 | $43.81 | $1.99 |
| ***Subtotal - RCMAC*** | | | | | | **15.10** | | **$11.03** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Populate required fields Customer Request management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Ensure order is successfully distributed to the systems and is ready for provisioning (SOAC/SOP | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGNER** | | | | | | | | |
| ***Prob #1 = % of time manual handling is required*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Generic Order Control order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter Work Authorization mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect Circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute Word Doc | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGNER*** | | | | | | **2.30** | | **$1.70** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***Prob #1 = .042 represents 1/24 of a trunk group. Assumes 24 trunks per order*** | | | | | | | | |
| Screen Work Force Administration for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Contact co-provider | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in Work Force Administration - Control Module | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **0.63** | | **$0.46** |
| **-CENTRAL OFFICE TECHNICIAN** | | | | | | | | |
| ***Prob #1 = occurrences*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove Cross Connect | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| Complete order in Work Force Administration - Dispatch In Module | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE TECHNICIAN*** | | | | | | **9.30** | | **$6.79** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT (con't)*** | | | | | | | | |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translations for a DEDICATED PRI - 23B+D CONFIGURATION - 5E*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| PRI interface group per D Channel | 5 | 1.000 | 0.660 | | | 3.30 | $41.45 | $2.28 |
| D Channel Trunk Group | 10 | 1.000 | 0.660 | | | 6.60 | $41.45 | $4.56 |
| Per B Channel Trunk Group | 40 | 1.000 | 0.660 | | | 26.40 | $41.45 | $18.24 |
| Per Route Index | 15 | 1.000 | 0.660 | | | 9.90 | $41.45 | $6.84 |
| Alternate RI for data | 15 | 1.000 | 0.660 | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **56.10** | | **$38.76** |
| **-COMPLEX TRANSLATIONS - INPUT** | | | | | | | | |
| ***Prob #1 = % of time this product requires complex translations for a DEDICATED PRI - 23B+D CONFIGURATION - 5E*** | | | | | | | | |
| ***2nd probability is % by switch type*** | | | | | | | | |
| PRI interface group per D Channel | 5 | 1.000 | 0.660 | | | 3.30 | $41.45 | $2.28 |
| D Channel Trunk Group | 5 | 1.000 | 0.660 | | | 3.30 | $41.45 | $2.28 |
| Per B Channel Trunk Group | 20 | 1.000 | 0.660 | | | 13.20 | $41.45 | $9.12 |
| Per Route Index | 15 | 1.000 | 0.660 | | | 9.90 | $41.45 | $6.84 |
| Alternate RI for data | 15 | 1.000 | 0.660 | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - COMPLEX TRANSLATIONS - INPUT*** | | | | | | **39.60** | | **$27.36** |
| **-RCMAC** | | | | | | | | |
| ***1st probability is % by switch type*** | | | | | | | | |
| CALLING NUMBER IDENTIFICATION - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLING NUMBER IDENTIFICAITON - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| CALLING NUMBER IDENTIFICATION BLOCKING, ALL CALL, PER BRS - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| B CHANNEL CIRCUIT SWITCHED DATA - 5E | 1 | 0.660 | | | | 0.66 | $43.81 | $0.48 |
| B CHANNEL CIRCUIT SWITCHED DATA - DMS | 1 | 0.340 | | | | 0.34 | $43.81 | $0.25 |
| ***Subtotal - RCMAC*** | | | | | | **3.00** | | **$2.19** |
| ***Total For Service:*** | | | | | | **651.90** | | **$452.46** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***9.12.1.6.4 DS1 PRI ISDN TRUNK PORT (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 15887 | **Direct Cost** | | | | $452.46 |
| 15888 | | | | | |
| 15889 | | | | | |
| 15890 | | | | | |
| 15891 | | | | | |
| 15892 | ***Directly Assigned*** | | | | |
| 15893 | Product Management Expense | D15893*E15887 | | 0.025565 | $11.57 |
| 15894 | Sales Expense | D15894*E15887 | | 0.009225 | $4.17 |
| 15895 | Product Advertising Expense | D15895*E15887 | | 0.000000 | $0.00 |
| 15896 | Business Fees (Other Operating Taxes) | D15896*Sum(E15887:E15895) | | 0.002025 | $0.95 |
| 15897 | ***Directly Assigned Costs*** | Sum(E15887:E15896) | | | $16.69 |
| 15898 | | | | | |
| 15899 | ***Total Direct Costs*** | E15887+E15897 | | | $469.15 |
| 15900 | | | | | |
| 15901 | ***Directly Attributed*** | | | | |
| 15902 | Network Operations | D15902*E15899 | | 0.040880 | $19.18 |
| 15903 | Network Support Assets | D15903*E15899 | | 0.015364 | $7.21 |
| 15904 | General Support Assets | D15904*E15899 | | 0.069508 | $32.61 |
| 15905 | General Purpose Computers | D15905*E15899 | | 0.034714 | $16.29 |
| 15906 | Uncollectible | D15906*E15899 | | 0.000401 | $0.19 |
| 15907 | Accounting & Finance Expense | D15907*E15899 | | 0.008839 | $4.15 |
| 15908 | Human Resources Expense | D15908*E15899 | | 0.008145 | $3.82 |
| 15909 | Information Management Expense | D15909*E15899 | | 0.057009 | $26.75 |
| 15910 | Intangibles | D15910*E15899 | | 0.002091 | $0.98 |
| 15911 | ***Directly Attributed Costs*** | Sum(E15902:E15910) | | | $111.16 |
| 15912 | | | | | |
| 15913 | ***TELRIC*** | E15902+E15911 | | | $580.31 |
| 15914 | | | | | |
| 15915 | ***Common*** | | | | |
| 15916 | Executive Expense | D15916*E15913 | | 0.007805 | $4.53 |
| 15917 | Planning Expense | D15917*E15913 | | 0.000580 | $0.34 |
| 15918 | External Relations Expense | D15918*E15913 | | 0.013029 | $7.56 |
| 15919 | Legal Expense | D15919*E15913 | | 0.006148 | $3.57 |
| 15920 | Other Procurement Expense | D15920*E15913 | | 0.002359 | $1.37 |
| 15921 | Research & Development Expense | D15921*E15913 | | 0.000036 | $0.02 |
| 15922 | Other General and Admin Expense | D15922*E15913 | | 0.015212 | $8.83 |
| 15923 | ***Common Costs*** | Sum(E15916:E15922) | | | $26.21 |
| 15924 | | | | | |
| 15925 | ***TELRIC + Common Costs*** | E15913+E15923 | | | $606.52 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC STP PORT*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 0.800 | | | | 0.80 | $40.03 | $0.53 |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| CREDIT INFO/SECURITY | 2 | 0.100 | | | | 0.20 | $40.03 | $0.13 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| COMPLETE TGMR/TRDB | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| MANUAL GCOCMA | 15 | 0.100 | | | | 1.50 | $40.03 | $1.00 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 10 | 0.250 | | | | 2.50 | $40.03 | $1.67 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST PORT VALIDATION | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ORD DIST TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST USOC VALIDATION | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD COMP EF/DTT VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **74.00** | | **$49.37** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| ORDER LOGGING | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| PREP LOOP/DRI SCREEN | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| DESIGN DS0 DIGITAL CHAN TRK | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CCSAC STP PORT (con't)*** | | | | | | | | |
| DISTRIBUTE WORD DOC | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-TRANSLATIONS** | | | | | | | | |
| ***Probabilities are % ratio of orders for A Links (.65) versus B/D Links (.35).*** | | | | | | | | |
| INSTALL A LINK SET | 105 | 0.650 | | | | 68.25 | $41.45 | $47.15 |
| INSTALL B/D LINK SET | 180 | 0.350 | | | | 63.00 | $41.45 | $43.52 |
| PERFORM TESTS | 120 | 1.000 | | | | 120.00 | $41.45 | $82.90 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **251.25** | | **$173.57** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***Work performed in STP office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| CONTACT CT TO COMPLETE | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **14.00** | | **$10.22** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| ***.042 weighting is 1/24 of a DS1 to obtain a per trunk cost.*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **35.00** | | **$25.56** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC STP PORT (con't)*** | | | | | | | | |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| MANUAL GCOCMA | 15 | 0.100 | | | | 1.50 | $40.03 | $1.00 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ORD DIST TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST USOC VALIDATION | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMP EF/DTT VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CHECK WFA | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **51.75** | | **$34.53** |
| **-DESIGN** | | | | | | | | |
| ***.1, .05 probabilities are % manual work. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| ORDER LOGGING | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| CIRCUIT DISCONNECT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE CROSS-CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE WITH CCTI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **459.30** | | **$317.64** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

*CCSAC STP PORT (con't)*

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 16067 | **Direct Cost** | | | | | | | | $317.64 |
| 16068 | | | | | | | | | |
| 16069 | | Cost Calculation | | | | | Cost Factor | | Cost |
| 16070 | | B | | | | C | D | | E |
| 16071 | | | | | | | | | |
| 16072 | ***Directly Assigned*** | | | | | | | | |
| 16073 | Product Management Expense | D16073*E16067 | | | | | 0.025565 | | $8.12 |
| 16074 | Sales Expense | D16074*E16067 | | | | | 0.009225 | | $2.93 |
| 16075 | Product Advertising Expense | D16075*E16067 | | | | | 0.000000 | | $0.00 |
| 16076 | Business Fees (Other Operating Taxes) | D16076*Sum(E16067:E16075) | | | | | 0.002025 | | $0.67 |
| 16077 | ***Directly Assigned Costs*** | Sum(E16067:E16076) | | | | | | | $11.72 |
| 16078 | | | | | | | | | |
| 16079 | ***Total Direct Costs*** | E16067+E16077 | | | | | | | $329.35 |
| 16080 | | | | | | | | | |
| 16081 | ***Directly Attributed*** | | | | | | | | |
| 16082 | Network Operations | D16082*E16079 | | | | | 0.040880 | | $13.46 |
| 16083 | Network Support Assets | D16083*E16079 | | | | | 0.015364 | | $5.06 |
| 16084 | General Support Assets | D16084*E16079 | | | | | 0.069508 | | $22.89 |
| 16085 | General Purpose Computers | D16085*E16079 | | | | | 0.034714 | | $11.43 |
| 16086 | Uncollectible | D16086*E16079 | | | | | 0.000401 | | $0.13 |
| 16087 | Accounting & Finance Expense | D16087*E16079 | | | | | 0.008839 | | $2.91 |
| 16088 | Human Resources Expense | D16088*E16079 | | | | | 0.008145 | | $2.68 |
| 16089 | Information Management Expense | D16089*E16079 | | | | | 0.057009 | | $18.78 |
| 16090 | Intangibles | D16090*E16079 | | | | | 0.002091 | | $0.69 |
| 16091 | ***Directly Attributed Costs*** | Sum(E16082:E16090) | | | | | | | $78.04 |
| 16092 | | | | | | | | | |
| 16093 | ***TELRIC*** | E16082+E16091 | | | | | | | $407.39 |
| 16094 | | | | | | | | | |
| 16095 | ***Common*** | | | | | | | | |
| 16096 | Executive Expense | D16096*E16093 | | | | | 0.007805 | | $3.18 |
| 16097 | Planning Expense | D16097*E16093 | | | | | 0.000580 | | $0.24 |
| 16098 | External Relations Expense | D16098*E16093 | | | | | 0.013029 | | $5.31 |
| 16099 | Legal Expense | D16099*E16093 | | | | | 0.006148 | | $2.50 |
| 16100 | Other Procurement Expense | D16100*E16093 | | | | | 0.002359 | | $0.96 |
| 16101 | Research & Development Expense | D16101*E16093 | | | | | 0.000036 | | $0.01 |
| 16102 | Other General and Admin Expense | D16102*E16093 | | | | | 0.015212 | | $6.20 |
| 16103 | ***Common Costs*** | Sum(E16096:E16102) | | | | | | | $18.40 |
| 16104 | | | | | | | | | |
| 16105 | ***TELRIC + Common Costs*** | E16093+E16103 | | | | | | | $425.79 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 0.800 | | | | 0.80 | $40.03 | $0.53 |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST PORT VALIDATION | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **48.05** | | **$32.06** |
| **-TRANSLATIONS** | | | | | | | | |
| ACTIVATE POINT CODE | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER (con't)*** | | | | | | | | |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **35.25** | | **$23.52** |
| **-TRANSLATIONS** | | | | | | | | |
| DEACTIVATE POINT CODE | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***Total For Service:*** | | | | | | **123.30** | | **$83.21** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CCSAC OPTIONS BASIC FIRST ACTIVATION PER ORDER (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 16202 | **Direct Cost** | | | | | $83.21 |
| 16203 | | | | | | |
| 16204 | | Cost Calculation | | Cost Factor | Cost | |
| 16205 | | B | C | D | E | |
| 16206 | | | | | | |
| 16207 | ***Directly Assigned*** | | | | | |
| 16208 | Product Management Expense | D16208*E16202 | | 0.025565 | $2.13 | |
| 16209 | Sales Expense | D16209*E16202 | | 0.009225 | $0.77 | |
| 16210 | Product Advertising Expense | D16210*E16202 | | 0.000000 | $0.00 | |
| 16211 | Business Fees (Other Operating Taxes) | D16211*Sum(E16202:E16210) | | 0.002025 | $0.17 | |
| 16212 | ***Directly Assigned Costs*** | Sum(E16202:E16211) | | | $3.07 | |
| 16213 | | | | | | |
| 16214 | ***Total Direct Costs*** | E16202+E16212 | | | $86.28 | |
| 16215 | | | | | | |
| 16216 | ***Directly Attributed*** | | | | | |
| 16217 | Network Operations | D16217*E16214 | | 0.040880 | $3.53 | |
| 16218 | Network Support Assets | D16218*E16214 | | 0.015364 | $1.33 | |
| 16219 | General Support Assets | D16219*E16214 | | 0.069508 | $6.00 | |
| 16220 | General Purpose Computers | D16220*E16214 | | 0.034714 | $3.00 | |
| 16221 | Uncollectible | D16221*E16214 | | 0.000401 | $0.03 | |
| 16222 | Accounting & Finance Expense | D16222*E16214 | | 0.008839 | $0.76 | |
| 16223 | Human Resources Expense | D16223*E16214 | | 0.008145 | $0.70 | |
| 16224 | Information Management Expense | D16224*E16214 | | 0.057009 | $4.92 | |
| 16225 | Intangibles | D16225*E16214 | | 0.002091 | $0.18 | |
| 16226 | ***Directly Attributed Costs*** | Sum(E16217:E16225) | | | $20.44 | |
| 16227 | | | | | | |
| 16228 | ***TELRIC*** | E16217+E16226 | | | $106.72 | |
| 16229 | | | | | | |
| 16230 | ***Common*** | | | | | |
| 16231 | Executive Expense | D16231*E16228 | | 0.007805 | $0.83 | |
| 16232 | Planning Expense | D16232*E16228 | | 0.000580 | $0.06 | |
| 16233 | External Relations Expense | D16233*E16228 | | 0.013029 | $1.39 | |
| 16234 | Legal Expense | D16234*E16228 | | 0.006148 | $0.66 | |
| 16235 | Other Procurement Expense | D16235*E16228 | | 0.002359 | $0.25 | |
| 16236 | Research & Development Expense | D16236*E16228 | | 0.000036 | $0.00 | |
| 16237 | Other General and Admin Expense | D16237*E16228 | | 0.015212 | $1.62 | |
| 16238 | ***Common Costs*** | Sum(E16231:E16237) | | | $4.82 | |
| 16239 | | | | | | |
| 16240 | ***TELRIC + Common Costs*** | E16228+E16238 | | | $111.54 | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-TRANSLATIONS** | | | | | | | | |
| ACTIVATE POINT CODE | 5 | 1.000 | | | | 5.00 | $41.45 | $3.45 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **5.00** | | **$3.45** |
| ***DISCONNECT*** | | | | | | | | |
| **-TRANSLATIONS** | | | | | | | | |
| DEACTIVATE POINT CODE | 5 | 1.000 | | | | 5.00 | $41.45 | $3.45 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **5.00** | | **$3.45** |
| ***Total For Service:*** | | | | | | **10.00** | | **$6.91** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CCSAC OPTIONS BASIC EACH ADDL ACTIVATION PER ORDER (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 16292 | **Direct Cost** | | | | | $6.91 |
| 16293 | | | | | | |
| 16294 | | | Cost Calculation | | Cost Factor | Cost |
| 16295 | | | B | C | D | E |
| 16296 | | | | | | |
| 16297 | ***Directly Assigned*** | | | | | |
| 16298 | Product Management Expense | | D16298*E16292 | | 0.025565 | $0.18 |
| 16299 | Sales Expense | | D16299*E16292 | | 0.009225 | $0.06 |
| 16300 | Product Advertising Expense | | D16300*E16292 | | 0.000000 | $0.00 |
| 16301 | Business Fees (Other Operating Taxes) | | D16301*Sum(E16292:E16300) | | 0.002025 | $0.01 |
| 16302 | ***Directly Assigned Costs*** | | Sum(E16292:E16301) | | | $0.25 |
| 16303 | | | | | | |
| 16304 | ***Total Direct Costs*** | | E16292+E16302 | | | $7.16 |
| 16305 | | | | | | |
| 16306 | ***Directly Attributed*** | | | | | |
| 16307 | Network Operations | | D16307*E16304 | | 0.040880 | $0.29 |
| 16308 | Network Support Assets | | D16308*E16304 | | 0.015364 | $0.11 |
| 16309 | General Support Assets | | D16309*E16304 | | 0.069508 | $0.50 |
| 16310 | General Purpose Computers | | D16310*E16304 | | 0.034714 | $0.25 |
| 16311 | Uncollectible | | D16311*E16304 | | 0.000401 | $0.00 |
| 16312 | Accounting & Finance Expense | | D16312*E16304 | | 0.008839 | $0.06 |
| 16313 | Human Resources Expense | | D16313*E16304 | | 0.008145 | $0.06 |
| 16314 | Information Management Expense | | D16314*E16304 | | 0.057009 | $0.41 |
| 16315 | Intangibles | | D16315*E16304 | | 0.002091 | $0.01 |
| 16316 | ***Directly Attributed Costs*** | | Sum(E16307:E16315) | | | $1.70 |
| 16317 | | | | | | |
| 16318 | ***TELRIC*** | | E16307+E16316 | | | $8.86 |
| 16319 | | | | | | |
| 16320 | ***Common*** | | | | | |
| 16321 | Executive Expense | | D16321*E16318 | | 0.007805 | $0.07 |
| 16322 | Planning Expense | | D16322*E16318 | | 0.000580 | $0.01 |
| 16323 | External Relations Expense | | D16323*E16318 | | 0.013029 | $0.12 |
| 16324 | Legal Expense | | D16324*E16318 | | 0.006148 | $0.05 |
| 16325 | Other Procurement Expense | | D16325*E16318 | | 0.002359 | $0.02 |
| 16326 | Research & Development Expense | | D16326*E16318 | | 0.000036 | $0.00 |
| 16327 | Other General and Admin Expense | | D16327*E16318 | | 0.015212 | $0.13 |
| 16328 | ***Common Costs*** | | Sum(E16321:E16327) | | | $0.40 |
| 16329 | | | | | | |
| 16330 | ***TELRIC + Common Costs*** | | E16318+E16328 | | | $9.26 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY LOA | 1 | 0.800 | | | | 0.80 | $40.03 | $0.53 |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| INTRA-CO CALLS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD DIST PORT VALIDATION | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| ORD DIST NRC | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **48.05** | | **$32.06** |
| **-TRANSLATIONS** | | | | | | | | |
| ACTIVATE POINT CODE LSTP | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| ACTIVATE POINT CODE RSTP | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| ***DISCONNECT*** | | | | | | | | |
| **-SERVICE DELIVERY COORDINATOR** | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.8 probability represents this task occurs 80% of the time.*** | | | | | | | | |
| ***.1 probability for GCOCMA, Credit Info occurs 10% of the time.*** | | | | | | | | |
| ***.5 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| LOGGING ASR | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| LOAD WFM | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INPUT ASR INTO EXACT | 8 | 0.250 | | | | 2.00 | $40.03 | $1.33 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER (con't)*** | | | | | | | | |
| VALIDATE EXACT | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| VERIFY TAXI | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| SS7 FORM - NSMC | 7 | 1.000 | | | | 7.00 | $40.03 | $4.67 |
| FOC | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORD DIST PORT TUF/IABS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORD COMPLETION /VALIDATION | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| EXACT COMPLETION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **35.25** | | **$23.52** |
| **-TRANSLATIONS** | | | | | | | | |
| DEACTIVATE POINT CD LSTP | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| DEACTIVATE POINT CD RSTP | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| ***Total For Service:*** | | | | | | **143.30** | | **$97.02** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CCSAC OPTIONS DATABASE FIRST ACTIVATION PER ORDER (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 16427 | **Direct Cost** | | | | $97.02 |
| 16428 | | | | | |
| 16429 | | Cost Calculation | | Cost Factor | Cost |
| 16430 | | B | C | D | E |
| 16431 | | | | | |
| 16432 | ***Directly Assigned*** | | | | |
| 16433 | Product Management Expense | D16433*E16427 | | 0.025565 | $2.48 |
| 16434 | Sales Expense | D16434*E16427 | | 0.009225 | $0.90 |
| 16435 | Product Advertising Expense | D16435*E16427 | | 0.000000 | $0.00 |
| 16436 | Business Fees (Other Operating Taxes) | D16436*Sum(E16427:E16435) | | 0.002025 | $0.20 |
| 16437 | ***Directly Assigned Costs*** | Sum(E16427:E16436) | | | $3.58 |
| 16438 | | | | | |
| 16439 | ***Total Direct Costs*** | E16427+E16437 | | | $100.60 |
| 16440 | | | | | |
| 16441 | ***Directly Attributed*** | | | | |
| 16442 | Network Operations | D16442*E16439 | | 0.040880 | $4.11 |
| 16443 | Network Support Assets | D16443*E16439 | | 0.015364 | $1.55 |
| 16444 | General Support Assets | D16444*E16439 | | 0.069508 | $6.99 |
| 16445 | General Purpose Computers | D16445*E16439 | | 0.034714 | $3.49 |
| 16446 | Uncollectible | D16446*E16439 | | 0.000401 | $0.04 |
| 16447 | Accounting & Finance Expense | D16447*E16439 | | 0.008839 | $0.89 |
| 16448 | Human Resources Expense | D16448*E16439 | | 0.008145 | $0.82 |
| 16449 | Information Management Expense | D16449*E16439 | | 0.057009 | $5.74 |
| 16450 | Intangibles | D16450*E16439 | | 0.002091 | $0.21 |
| 16451 | ***Directly Attributed Costs*** | Sum(E16442:E16450) | | | $23.84 |
| 16452 | | | | | |
| 16453 | ***TELRIC*** | E16442+E16451 | | | $124.44 |
| 16454 | | | | | |
| 16455 | ***Common*** | | | | |
| 16456 | Executive Expense | D16456*E16453 | | 0.007805 | $0.97 |
| 16457 | Planning Expense | D16457*E16453 | | 0.000580 | $0.07 |
| 16458 | External Relations Expense | D16458*E16453 | | 0.013029 | $1.62 |
| 16459 | Legal Expense | D16459*E16453 | | 0.006148 | $0.77 |
| 16460 | Other Procurement Expense | D16460*E16453 | | 0.002359 | $0.29 |
| 16461 | Research & Development Expense | D16461*E16453 | | 0.000036 | $0.00 |
| 16462 | Other General and Admin Expense | D16462*E16453 | | 0.015212 | $1.89 |
| 16463 | ***Common Costs*** | Sum(E16456:E16462) | | | $5.62 |
| 16464 | | | | | |
| 16465 | ***TELRIC + Common Costs*** | E16453+E16463 | | | $130.06 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-TRANSLATIONS** | | | | | | | | |
| ACTIVATE POINT CODE LSTP | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| ACTIVATE POINT CODE RSTP | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| ***DISCONNECT*** | | | | | | | | |
| **-TRANSLATIONS** | | | | | | | | |
| DEACTIVATE POINT CD LSTP | 20 | 1.000 | | | | 20.00 | $41.45 | $13.82 |
| DEACTIVATE POINT CD RSTP | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - TRANSLATIONS*** | | | | | | **30.00** | | **$20.73** |
| ***Total For Service:*** | | | | | | **60.00** | | **$41.45** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***CCSAC OPTIONS DATABASE EA ADDL ACTIVATION PER ORDER (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 16517 | **Direct Cost** | | | | $41.45 |
| 16518 | | | | | |
| 16519 | | Cost Calculation | | Cost Factor | Cost |
| 16520 | | B | C | D | E |
| 16521 | | | | | |
| 16522 | ***Directly Assigned*** | | | | |
| 16523 | Product Management Expense | D16523*E16517 | | 0.025565 | $1.06 |
| 16524 | Sales Expense | D16524*E16517 | | 0.009225 | $0.38 |
| 16525 | Product Advertising Expense | D16525*E16517 | | 0.000000 | $0.00 |
| 16526 | Business Fees (Other Operating Taxes) | D16526*Sum(E16517:E16525) | | 0.002025 | $0.09 |
| 16527 | ***Directly Assigned Costs*** | Sum(E16517:E16526) | | | $1.53 |
| 16528 | | | | | |
| 16529 | ***Total Direct Costs*** | E16517+E16527 | | | $42.98 |
| 16530 | | | | | |
| 16531 | ***Directly Attributed*** | | | | |
| 16532 | Network Operations | D16532*E16529 | | 0.040880 | $1.76 |
| 16533 | Network Support Assets | D16533*E16529 | | 0.015364 | $0.66 |
| 16534 | General Support Assets | D16534*E16529 | | 0.069508 | $2.99 |
| 16535 | General Purpose Computers | D16535*E16529 | | 0.034714 | $1.49 |
| 16536 | Uncollectible | D16536*E16529 | | 0.000401 | $0.02 |
| 16537 | Accounting & Finance Expense | D16537*E16529 | | 0.008839 | $0.38 |
| 16538 | Human Resources Expense | D16538*E16529 | | 0.008145 | $0.35 |
| 16539 | Information Management Expense | D16539*E16529 | | 0.057009 | $2.45 |
| 16540 | Intangibles | D16540*E16529 | | 0.002091 | $0.09 |
| 16541 | ***Directly Attributed Costs*** | Sum(E16532:E16540) | | | $10.18 |
| 16542 | | | | | |
| 16543 | ***TELRIC*** | E16532+E16541 | | | $53.16 |
| 16544 | | | | | |
| 16545 | ***Common*** | | | | |
| 16546 | Executive Expense | D16546*E16543 | | 0.007805 | $0.41 |
| 16547 | Planning Expense | D16547*E16543 | | 0.000580 | $0.03 |
| 16548 | External Relations Expense | D16548*E16543 | | 0.013029 | $0.69 |
| 16549 | Legal Expense | D16549*E16543 | | 0.006148 | $0.33 |
| 16550 | Other Procurement Expense | D16550*E16543 | | 0.002359 | $0.13 |
| 16551 | Research & Development Expense | D16551*E16543 | | 0.000036 | $0.00 |
| 16552 | Other General and Admin Expense | D16552*E16543 | | 0.015212 | $0.81 |
| 16553 | ***Common Costs*** | Sum(E16546:E16552) | | | $2.40 |
| 16554 | | | | | |
| 16555 | ***TELRIC + Common Costs*** | E16543+E16553 | | | $55.56 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR)***

*ADD*

-ENGR. N20 (per half hour)
ADDITIONAL ENGINEERING - BASIC $22.97

| | | |
|---|---|---|
| *Subtotal - ENGR. N20 (per half hour)* | 0.00 | $22.97 |
| *Total For Service:* | 0.00 | $22.97 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL ENGINEERING - BASIC (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 16607 | **Direct Cost** | | | | $22.97 |
| 16608 | | | | | |
| 16609 | | Cost Calculation | | Cost Factor | Cost |
| 16610 | | B | C | D | E |
| 16611 | | | | | |
| 16612 | ***Directly Assigned*** | | | | |
| 16613 | Product Management Expense | D16613*E16607 | | 0.025565 | $0.59 |
| 16614 | Sales Expense | D16614*E16607 | | 0.009225 | $0.21 |
| 16615 | Product Advertising Expense | D16615*E16607 | | 0.000000 | $0.00 |
| 16616 | Business Fees (Other Operating Taxes) | D16616*Sum(E16607:E16615) | | 0.002025 | $0.05 |
| 16617 | ***Directly Assigned Costs*** | Sum(E16607:E16616) | | | $0.85 |
| 16618 | | | | | |
| 16619 | ***Total Direct Costs*** | E16607+E16617 | | | $23.82 |
| 16620 | | | | | |
| 16621 | ***Directly Attributed*** | | | | |
| 16622 | Network Operations | D16622*E16619 | | 0.040880 | $0.97 |
| 16623 | Network Support Assets | D16623*E16619 | | 0.015364 | $0.37 |
| 16624 | General Support Assets | D16624*E16619 | | 0.069508 | $1.66 |
| 16625 | General Purpose Computers | D16625*E16619 | | 0.034714 | $0.83 |
| 16626 | Uncollectible | D16626*E16619 | | 0.000401 | $0.01 |
| 16627 | Accounting & Finance Expense | D16627*E16619 | | 0.008839 | $0.21 |
| 16628 | Human Resources Expense | D16628*E16619 | | 0.008145 | $0.19 |
| 16629 | Information Management Expense | D16629*E16619 | | 0.057009 | $1.36 |
| 16630 | Intangibles | D16630*E16619 | | 0.002091 | $0.05 |
| 16631 | ***Directly Attributed Costs*** | Sum(E16622:E16630) | | | $5.64 |
| 16632 | | | | | |
| 16633 | ***TELRIC*** | E16622+E16631 | | | $29.46 |
| 16634 | | | | | |
| 16635 | ***Common*** | | | | |
| 16636 | Executive Expense | D16636*E16633 | | 0.007805 | $0.23 |
| 16637 | Planning Expense | D16637*E16633 | | 0.000580 | $0.02 |
| 16638 | External Relations Expense | D16638*E16633 | | 0.013029 | $0.38 |
| 16639 | Legal Expense | D16639*E16633 | | 0.006148 | $0.18 |
| 16640 | Other Procurement Expense | D16640*E16633 | | 0.002359 | $0.07 |
| 16641 | Research & Development Expense | D16641*E16633 | | 0.000036 | $0.00 |
| 16642 | Other General and Admin Expense | D16642*E16633 | | 0.015212 | $0.45 |
| 16643 | ***Common Costs*** | Sum(E16636:E16642) | | | $1.33 |
| 16644 | | | | | |
| 16645 | ***TELRIC + Common Costs*** | E16633+E16643 | | | $30.79 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -ENGR. N20 (per half hour) | | | | | | | | |
| ADDITIONAL ENGINEERING - OVERTIME | | | | | | | | $28.41 |
| ***Subtotal - ENGR. N20 (per half hour)*** | | | | | | 0.00 | | $28.41 |
| ***Total For Service:*** | | | | | | 0.00 | | $28.41 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL ENGINEERING - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 16697 | **Direct Cost** | | | | $28.41 |
| 16698 | | | | | |
| 16699 | | Cost Calculation | | Cost Factor | Cost |
| 16700 | | B | C | D | E |
| 16701 | | | | | |
| 16702 | ***Directly Assigned*** | | | | |
| 16703 | Product Management Expense | D16703*E16697 | | 0.025565 | $0.73 |
| 16704 | Sales Expense | D16704*E16697 | | 0.009225 | $0.26 |
| 16705 | Product Advertising Expense | D16705*E16697 | | 0.000000 | $0.00 |
| 16706 | Business Fees (Other Operating Taxes) | D16706*Sum(E16697:E16705) | | 0.002025 | $0.06 |
| 16707 | ***Directly Assigned Costs*** | Sum(E16697:E16706) | | | $1.05 |
| 16708 | | | | | |
| 16709 | ***Total Direct Costs*** | E16697+E16707 | | | $29.46 |
| 16710 | | | | | |
| 16711 | ***Directly Attributed*** | | | | |
| 16712 | Network Operations | D16712*E16709 | | 0.040880 | $1.20 |
| 16713 | Network Support Assets | D16713*E16709 | | 0.015364 | $0.45 |
| 16714 | General Support Assets | D16714*E16709 | | 0.069508 | $2.05 |
| 16715 | General Purpose Computers | D16715*E16709 | | 0.034714 | $1.02 |
| 16716 | Uncollectible | D16716*E16709 | | 0.000401 | $0.01 |
| 16717 | Accounting & Finance Expense | D16717*E16709 | | 0.008839 | $0.26 |
| 16718 | Human Resources Expense | D16718*E16709 | | 0.008145 | $0.24 |
| 16719 | Information Management Expense | D16719*E16709 | | 0.057009 | $1.68 |
| 16720 | Intangibles | D16720*E16709 | | 0.002091 | $0.06 |
| 16721 | ***Directly Attributed Costs*** | Sum(E16712:E16720) | | | $6.98 |
| 16722 | | | | | |
| 16723 | ***TELRIC*** | E16712+E16721 | | | $36.44 |
| 16724 | | | | | |
| 16725 | ***Common*** | | | | |
| 16726 | Executive Expense | D16726*E16723 | | 0.007805 | $0.28 |
| 16727 | Planning Expense | D16727*E16723 | | 0.000580 | $0.02 |
| 16728 | External Relations Expense | D16728*E16723 | | 0.013029 | $0.47 |
| 16729 | Legal Expense | D16729*E16723 | | 0.006148 | $0.22 |
| 16730 | Other Procurement Expense | D16730*E16723 | | 0.002359 | $0.09 |
| 16731 | Research & Development Expense | D16731*E16723 | | 0.000036 | $0.00 |
| 16732 | Other General and Admin Expense | D16732*E16723 | | 0.015212 | $0.55 |
| 16733 | ***Common Costs*** | Sum(E16726:E16732) | | | $1.65 |
| 16734 | | | | | |
| 16735 | ***TELRIC + Common Costs*** | E16723+E16733 | | | $38.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INSTALL/MTCE. L50 (per half hour)** | | | | | | | | |
| ADDITIONAL LABOR INSTALLATION - OVERTIME | | | | | | | | $6.53 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$6.53** |
| ***Total For Service:*** | | | | | | **0.00** | | **$6.53** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR INSTALLATION - OVERTIME (PER HALF HOUR) (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 16787 | **Direct Cost** | | | | $6.53 |
| 16788 | | | | | |
| 16789 | | | | | |
| 16790 | | | | | |
| 16791 | | | | | |
| 16792 | ***Directly Assigned*** | | | | |
| 16793 | Product Management Expense | D16793*E16787 | | 0.025565 | $0.17 |
| 16794 | Sales Expense | D16794*E16787 | | 0.009225 | $0.06 |
| 16795 | Product Advertising Expense | D16795*E16787 | | 0.000000 | $0.00 |
| 16796 | Business Fees (Other Operating Taxes) | D16796*Sum(E16787:E16795) | | 0.002025 | $0.01 |
| 16797 | ***Directly Assigned Costs*** | Sum(E16787:E16796) | | | $0.24 |
| 16798 | | | | | |
| 16799 | ***Total Direct Costs*** | E16787+E16797 | | | $6.77 |
| 16800 | | | | | |
| 16801 | ***Directly Attributed*** | | | | |
| 16802 | Network Operations | D16802*E16799 | | 0.040880 | $0.28 |
| 16803 | Network Support Assets | D16803*E16799 | | 0.015364 | $0.10 |
| 16804 | General Support Assets | D16804*E16799 | | 0.069508 | $0.47 |
| 16805 | General Purpose Computers | D16805*E16799 | | 0.034714 | $0.24 |
| 16806 | Uncollectible | D16806*E16799 | | 0.000401 | $0.00 |
| 16807 | Accounting & Finance Expense | D16807*E16799 | | 0.008839 | $0.06 |
| 16808 | Human Resources Expense | D16808*E16799 | | 0.008145 | $0.06 |
| 16809 | Information Management Expense | D16809*E16799 | | 0.057009 | $0.39 |
| 16810 | Intangibles | D16810*E16799 | | 0.002091 | $0.01 |
| 16811 | ***Directly Attributed Costs*** | Sum(E16802:E16810) | | | $1.60 |
| 16812 | | | | | |
| 16813 | ***TELRIC*** | E16802+E16811 | | | $8.38 |
| 16814 | | | | | |
| 16815 | ***Common*** | | | | |
| 16816 | Executive Expense | D16816*E16813 | | 0.007805 | $0.07 |
| 16817 | Planning Expense | D16817*E16813 | | 0.000580 | $0.00 |
| 16818 | External Relations Expense | D16818*E16813 | | 0.013029 | $0.11 |
| 16819 | Legal Expense | D16819*E16813 | | 0.006148 | $0.05 |
| 16820 | Other Procurement Expense | D16820*E16813 | | 0.002359 | $0.02 |
| 16821 | Research & Development Expense | D16821*E16813 | | 0.000036 | $0.00 |
| 16822 | Other General and Admin Expense | D16822*E16813 | | 0.015212 | $0.13 |
| 16823 | ***Common Costs*** | Sum(E16816:E16822) | | | $0.38 |
| 16824 | | | | | |
| 16825 | ***TELRIC + Common Costs*** | E16813+E16823 | | | $8.75 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INSTALL/MTCE. L50 (per half hour) | | | | | | | | |
| ADDITIONAL LABOR INSTALLATION - PREMIUM | | | | | | | | $13.06 |
| *Subtotal - INSTALL/MTCE. L50 (per half hour)* | | | | | | 0.00 | | $13.06 |
| *Total For Service:* | | | | | | 0.00 | | $13.06 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR INSTALLATION - PREMIUM (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 16877 | **Direct Cost** | | | | $13.06 |
| 16878 | | | | | |
| 16879 | | | Cost | Cost | |
| 16880 | | | Calculation | Factor | Cost |
| 16881 | | | B | C | D | E |
| 16882 | ***Directly Assigned*** | | | | |
| 16883 | Product Management Expense | | D16883*E16877 | 0.025565 | $0.33 |
| 16884 | Sales Expense | | D16884*E16877 | 0.009225 | $0.12 |
| 16885 | Product Advertising Expense | | D16885*E16877 | 0.000000 | $0.00 |
| 16886 | Business Fees (Other Operating Taxes) | | D16886*Sum(E16877:E16885) | 0.002025 | $0.03 |
| 16887 | ***Directly Assigned Costs*** | | Sum(E16877:E16886) | | $0.48 |
| 16888 | | | | | |
| 16889 | ***Total Direct Costs*** | | E16877+E16887 | | $13.54 |
| 16890 | | | | | |
| 16891 | ***Directly Attributed*** | | | | |
| 16892 | Network Operations | | D16892*E16889 | 0.040880 | $0.55 |
| 16893 | Network Support Assets | | D16893*E16889 | 0.015364 | $0.21 |
| 16894 | General Support Assets | | D16894*E16889 | 0.069508 | $0.94 |
| 16895 | General Purpose Computers | | D16895*E16889 | 0.034714 | $0.47 |
| 16896 | Uncollectible | | D16896*E16889 | 0.000401 | $0.01 |
| 16897 | Accounting & Finance Expense | | D16897*E16889 | 0.008839 | $0.12 |
| 16898 | Human Resources Expense | | D16898*E16889 | 0.008145 | $0.11 |
| 16899 | Information Management Expense | | D16899*E16889 | 0.057009 | $0.77 |
| 16900 | Intangibles | | D16900*E16889 | 0.002091 | $0.03 |
| 16901 | ***Directly Attributed Costs*** | | Sum(E16892:E16900) | | $3.21 |
| 16902 | | | | | |
| 16903 | ***TELRIC*** | | E16892+E16901 | | $16.75 |
| 16904 | | | | | |
| 16905 | ***Common*** | | | | |
| 16906 | Executive Expense | | D16906*E16903 | 0.007805 | $0.13 |
| 16907 | Planning Expense | | D16907*E16903 | 0.000580 | $0.01 |
| 16908 | External Relations Expense | | D16908*E16903 | 0.013029 | $0.22 |
| 16909 | Legal Expense | | D16909*E16903 | 0.006148 | $0.10 |
| 16910 | Other Procurement Expense | | D16910*E16903 | 0.002359 | $0.04 |
| 16911 | Research & Development Expense | | D16911*E16903 | 0.000036 | $0.00 |
| 16912 | Other General and Admin Expense | | D16912*E16903 | 0.015212 | $0.25 |
| 16913 | ***Common Costs*** | | Sum(E16906:E16912) | | $0.76 |
| 16914 | | | | | |
| 16915 | ***TELRIC + Common Costs*** | | E16903+E16913 | | $17.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR)***

***ADD***

**-INSTALL/MTCE. L50 (per half hour)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MAINTENANCE OF SERVICE - BASIC | | | | | | | | $20.02 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$20.02** |
| ***Total For Service:*** | | | | | | **0.00** | | **$20.02** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR OTHER - BASIC (PER HALF HOUR) (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 16967 | **Direct Cost** | | | | | $20.02 |
| 16968 | | | | | | |
| 16969 | | Cost Calculation | | Cost Factor | Cost | |
| 16970 | | B | C | D | E | |
| 16971 | | | | | | |
| 16972 | ***Directly Assigned*** | | | | | |
| 16973 | Product Management Expense | D16973*E16967 | | 0.025565 | $0.51 | |
| 16974 | Sales Expense | D16974*E16967 | | 0.009225 | $0.18 | |
| 16975 | Product Advertising Expense | D16975*E16967 | | 0.000000 | $0.00 | |
| 16976 | Business Fees (Other Operating Taxes) | D16976*Sum(E16967:E16975) | | 0.002025 | $0.04 | |
| 16977 | ***Directly Assigned Costs*** | Sum(E16967:E16976) | | | $0.74 | |
| 16978 | | | | | | |
| 16979 | ***Total Direct Costs*** | E16967+E16977 | | | $20.76 | |
| 16980 | | | | | | |
| 16981 | ***Directly Attributed*** | | | | | |
| 16982 | Network Operations | D16982*E16979 | | 0.040880 | $0.85 | |
| 16983 | Network Support Assets | D16983*E16979 | | 0.015364 | $0.32 | |
| 16984 | General Support Assets | D16984*E16979 | | 0.069508 | $1.44 | |
| 16985 | General Purpose Computers | D16985*E16979 | | 0.034714 | $0.72 | |
| 16986 | Uncollectible | D16986*E16979 | | 0.000401 | $0.01 | |
| 16987 | Accounting & Finance Expense | D16987*E16979 | | 0.008839 | $0.18 | |
| 16988 | Human Resources Expense | D16988*E16979 | | 0.008145 | $0.17 | |
| 16989 | Information Management Expense | D16989*E16979 | | 0.057009 | $1.18 | |
| 16990 | Intangibles | D16990*E16979 | | 0.002091 | $0.04 | |
| 16991 | ***Directly Attributed Costs*** | Sum(E16982:E16990) | | | $4.92 | |
| 16992 | | | | | | |
| 16993 | ***TELRIC*** | E16982+E16991 | | | $25.68 | |
| 16994 | | | | | | |
| 16995 | ***Common*** | | | | | |
| 16996 | Executive Expense | D16996*E16993 | | 0.007805 | $0.20 | |
| 16997 | Planning Expense | D16997*E16993 | | 0.000580 | $0.01 | |
| 16998 | External Relations Expense | D16998*E16993 | | 0.013029 | $0.33 | |
| 16999 | Legal Expense | D16999*E16993 | | 0.006148 | $0.16 | |
| 17000 | Other Procurement Expense | D17000*E16993 | | 0.002359 | $0.06 | |
| 17001 | Research & Development Expense | D17001*E16993 | | 0.000036 | $0.00 | |
| 17002 | Other General and Admin Expense | D17002*E16993 | | 0.015212 | $0.39 | |
| 17003 | ***Common Costs*** | Sum(E16996:E17002) | | | $1.16 | |
| 17004 | | | | | | |
| 17005 | ***TELRIC + Common Costs*** | E16993+E17003 | | | $26.84 | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INSTALL/MTCE. L50 (per half hour) | | | | | | | | |
| MAINTENANCE OF SERVICE - OVERTIME | | | | | | | | $26.74 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | 0.00 | | $26.74 |
| ***Total For Service:*** | | | | | | 0.00 | | $26.74 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR OTHER - OVERTIME (PER HALF HOUR) (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 17057 | **Direct Cost** | | | $26.74 |
| 17058 | | | | |
| 17059 | | | | |
| 17060 | | | | |
| 17061 | | | | |
| 17062 | ***Directly Assigned*** | | | |
| 17063 | Product Management Expense | D17063*E17057 | 0.025565 | $0.68 |
| 17064 | Sales Expense | D17064*E17057 | 0.009225 | $0.25 |
| 17065 | Product Advertising Expense | D17065*E17057 | 0.000000 | $0.00 |
| 17066 | Business Fees (Other Operating Taxes) | D17066*Sum(E17057:E17065) | 0.002025 | $0.06 |
| 17067 | ***Directly Assigned Costs*** | Sum(E17057:E17066) | | $0.99 |
| 17068 | | | | |
| 17069 | ***Total Direct Costs*** | E17057+E17067 | | $27.73 |
| 17070 | | | | |
| 17071 | ***Directly Attributed*** | | | |
| 17072 | Network Operations | D17072*E17069 | 0.040880 | $1.13 |
| 17073 | Network Support Assets | D17073*E17069 | 0.015364 | $0.43 |
| 17074 | General Support Assets | D17074*E17069 | 0.069508 | $1.93 |
| 17075 | General Purpose Computers | D17075*E17069 | 0.034714 | $0.96 |
| 17076 | Uncollectible | D17076*E17069 | 0.000401 | $0.01 |
| 17077 | Accounting & Finance Expense | D17077*E17069 | 0.008839 | $0.25 |
| 17078 | Human Resources Expense | D17078*E17069 | 0.008145 | $0.23 |
| 17079 | Information Management Expense | D17079*E17069 | 0.057009 | $1.58 |
| 17080 | Intangibles | D17080*E17069 | 0.002091 | $0.06 |
| 17081 | ***Directly Attributed Costs*** | Sum(E17072:E17080) | | $6.57 |
| 17082 | | | | |
| 17083 | ***TELRIC*** | E17072+E17081 | | $34.30 |
| 17084 | | | | |
| 17085 | ***Common*** | | | |
| 17086 | Executive Expense | D17086*E17083 | 0.007805 | $0.27 |
| 17087 | Planning Expense | D17087*E17083 | 0.000580 | $0.02 |
| 17088 | External Relations Expense | D17088*E17083 | 0.013029 | $0.45 |
| 17089 | Legal Expense | D17089*E17083 | 0.006148 | $0.21 |
| 17090 | Other Procurement Expense | D17090*E17083 | 0.002359 | $0.08 |
| 17091 | Research & Development Expense | D17091*E17083 | 0.000036 | $0.00 |
| 17092 | Other General and Admin Expense | D17092*E17083 | 0.015212 | $0.52 |
| 17093 | ***Common Costs*** | Sum(E17086:E17092) | | $1.55 |
| 17094 | | | | |
| 17095 | ***TELRIC + Common Costs*** | E17083+E17093 | | $35.85 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR)***

*ADD*

**-INSTALL/MTCE. L50 (per half hour)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MAINTENANCE OF SERVICE - PREMIUM | | | | | | | | $33.47 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$33.47** |
| ***Total For Service:*** | | | | | | **0.00** | | **$33.47** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL LABOR OTHER - PREMIUM (PEER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17147 | **Direct Cost** | | | | $33.47 |
| 17148 | | | | | |
| 17149 | | Cost Calculation | | Cost Factor | Cost |
| 17150 | | B | C | D | E |
| 17151 | | | | | |
| 17152 | ***Directly Assigned*** | | | | |
| 17153 | Product Management Expense | D17153*E17147 | | 0.025565 | $0.86 |
| 17154 | Sales Expense | D17154*E17147 | | 0.009225 | $0.31 |
| 17155 | Product Advertising Expense | D17155*E17147 | | 0.000000 | $0.00 |
| 17156 | Business Fees (Other Operating Taxes) | D17156*Sum(E17147:E17155) | | 0.002025 | $0.07 |
| 17157 | ***Directly Assigned Costs*** | Sum(E17147:E17156) | | | $1.23 |
| 17158 | | | | | |
| 17159 | ***Total Direct Costs*** | E17147+E17157 | | | $34.70 |
| 17160 | | | | | |
| 17161 | ***Directly Attributed*** | | | | |
| 17162 | Network Operations | D17162*E17159 | | 0.040880 | $1.42 |
| 17163 | Network Support Assets | D17163*E17159 | | 0.015364 | $0.53 |
| 17164 | General Support Assets | D17164*E17159 | | 0.069508 | $2.41 |
| 17165 | General Purpose Computers | D17165*E17159 | | 0.034714 | $1.20 |
| 17166 | Uncollectible | D17166*E17159 | | 0.000401 | $0.01 |
| 17167 | Accounting & Finance Expense | D17167*E17159 | | 0.008839 | $0.31 |
| 17168 | Human Resources Expense | D17168*E17159 | | 0.008145 | $0.28 |
| 17169 | Information Management Expense | D17169*E17159 | | 0.057009 | $1.98 |
| 17170 | Intangibles | D17170*E17159 | | 0.002091 | $0.07 |
| 17171 | ***Directly Attributed Costs*** | Sum(E17162:E17170) | | | $8.22 |
| 17172 | | | | | |
| 17173 | ***TELRIC*** | E17162+E17171 | | | $42.93 |
| 17174 | | | | | |
| 17175 | ***Common*** | | | | |
| 17176 | Executive Expense | D17176*E17173 | | 0.007805 | $0.34 |
| 17177 | Planning Expense | D17177*E17173 | | 0.000580 | $0.02 |
| 17178 | External Relations Expense | D17178*E17173 | | 0.013029 | $0.56 |
| 17179 | Legal Expense | D17179*E17173 | | 0.006148 | $0.26 |
| 17180 | Other Procurement Expense | D17180*E17173 | | 0.002359 | $0.10 |
| 17181 | Research & Development Expense | D17181*E17173 | | 0.000036 | $0.00 |
| 17182 | Other General and Admin Expense | D17182*E17173 | | 0.015212 | $0.65 |
| 17183 | ***Common Costs*** | Sum(E17176:E17182) | | | $1.94 |
| 17184 | | | | | |
| 17185 | ***TELRIC + Common Costs*** | E17173+E17183 | | | $44.87 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***TESTING AND MAINTENANCE - BASIC (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. L40 (per half hour) | | | | | | | | |
| TESTING AND MAINTENANCE - BASIC | | | | | | | | $21.27 |
| ***Subtotal - C.O. MTCE. L40 (per half hour)*** | | | | | | **0.00** | | **$21.27** |
| ***Total For Service:*** | | | | | | **0.00** | | **$21.27** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TESTING AND MAINTENANCE - BASIC (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17237 | **Direct Cost** | | | | $21.27 |
| 17238 | | | | | |
| 17239 | | Cost Calculation | | Cost Factor | Cost |
| 17240 | | | | | |
| 17241 | | B | C | D | E |
| 17242 | ***Directly Assigned*** | | | | |
| 17243 | Product Management Expense | D17243*E17237 | | 0.025565 | $0.54 |
| 17244 | Sales Expense | D17244*E17237 | | 0.009225 | $0.20 |
| 17245 | Product Advertising Expense | D17245*E17237 | | 0.000000 | $0.00 |
| 17246 | Business Fees (Other Operating Taxes) | D17246*Sum(E17237:E17245) | | 0.002025 | $0.04 |
| 17247 | ***Directly Assigned Costs*** | Sum(E17237:E17246) | | | $0.78 |
| 17248 | | | | | |
| 17249 | ***Total Direct Costs*** | E17237+E17247 | | | $22.05 |
| 17250 | | | | | |
| 17251 | ***Directly Attributed*** | | | | |
| 17252 | Network Operations | D17252*E17249 | | 0.040880 | $0.90 |
| 17253 | Network Support Assets | D17253*E17249 | | 0.015364 | $0.34 |
| 17254 | General Support Assets | D17254*E17249 | | 0.069508 | $1.53 |
| 17255 | General Purpose Computers | D17255*E17249 | | 0.034714 | $0.77 |
| 17256 | Uncollectible | D17256*E17249 | | 0.000401 | $0.01 |
| 17257 | Accounting & Finance Expense | D17257*E17249 | | 0.008839 | $0.19 |
| 17258 | Human Resources Expense | D17258*E17249 | | 0.008145 | $0.18 |
| 17259 | Information Management Expense | D17259*E17249 | | 0.057009 | $1.26 |
| 17260 | Intangibles | D17260*E17249 | | 0.002091 | $0.05 |
| 17261 | ***Directly Attributed Costs*** | Sum(E17252:E17260) | | | $5.23 |
| 17262 | | | | | |
| 17263 | ***TELRIC*** | E17252+E17261 | | | $27.28 |
| 17264 | | | | | |
| 17265 | ***Common*** | | | | |
| 17266 | Executive Expense | D17266*E17263 | | 0.007805 | $0.21 |
| 17267 | Planning Expense | D17267*E17263 | | 0.000580 | $0.02 |
| 17268 | External Relations Expense | D17268*E17263 | | 0.013029 | $0.36 |
| 17269 | Legal Expense | D17269*E17263 | | 0.006148 | $0.17 |
| 17270 | Other Procurement Expense | D17270*E17263 | | 0.002359 | $0.06 |
| 17271 | Research & Development Expense | D17271*E17263 | | 0.000036 | $0.00 |
| 17272 | Other General and Admin Expense | D17272*E17263 | | 0.015212 | $0.41 |
| 17273 | ***Common Costs*** | Sum(E17266:E17272) | | | $1.23 |
| 17274 | | | | | |
| 17275 | ***TELRIC + Common Costs*** | E17263+E17273 | | | $28.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR)***

***ADD***

**-C.O. MTCE. L40 (per half hour)**

TESTING AND MAINTENANCE - OVERTIME $28.41

| | | |
|---|---|---|
| *Subtotal - C.O. MTCE. L40 (per half hour)* | 0.00 | $28.41 |
| *Total For Service:* | 0.00 | $28.41 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TESTING AND MAINTENANCE - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17327 | **Direct Cost** | | | | $28.41 |
| 17328 | | | | | |
| 17329 | | Cost Calculation | | Cost Factor | Cost |
| 17330 | | B | C | D | E |
| 17331 | | | | | |
| 17332 | ***Directly Assigned*** | | | | |
| 17333 | Product Management Expense | D17333*E17327 | | 0.025565 | $0.73 |
| 17334 | Sales Expense | D17334*E17327 | | 0.009225 | $0.26 |
| 17335 | Product Advertising Expense | D17335*E17327 | | 0.000000 | $0.00 |
| 17336 | Business Fees (Other Operating Taxes) | D17336*Sum(E17327:E17335) | | 0.002025 | $0.06 |
| 17337 | ***Directly Assigned Costs*** | Sum(E17327:E17336) | | | $1.05 |
| 17338 | | | | | |
| 17339 | ***Total Direct Costs*** | E17327+E17337 | | | $29.46 |
| 17340 | | | | | |
| 17341 | ***Directly Attributed*** | | | | |
| 17342 | Network Operations | D17342*E17339 | | 0.040880 | $1.20 |
| 17343 | Network Support Assets | D17343*E17339 | | 0.015364 | $0.45 |
| 17344 | General Support Assets | D17344*E17339 | | 0.069508 | $2.05 |
| 17345 | General Purpose Computers | D17345*E17339 | | 0.034714 | $1.02 |
| 17346 | Uncollectible | D17346*E17339 | | 0.000401 | $0.01 |
| 17347 | Accounting & Finance Expense | D17347*E17339 | | 0.008839 | $0.26 |
| 17348 | Human Resources Expense | D17348*E17339 | | 0.008145 | $0.24 |
| 17349 | Information Management Expense | D17349*E17339 | | 0.057009 | $1.68 |
| 17350 | Intangibles | D17350*E17339 | | 0.002091 | $0.06 |
| 17351 | ***Directly Attributed Costs*** | Sum(E17342:E17350) | | | $6.98 |
| 17352 | | | | | |
| 17353 | ***TELRIC*** | E17342+E17351 | | | $36.44 |
| 17354 | | | | | |
| 17355 | ***Common*** | | | | |
| 17356 | Executive Expense | D17356*E17353 | | 0.007805 | $0.28 |
| 17357 | Planning Expense | D17357*E17353 | | 0.000580 | $0.02 |
| 17358 | External Relations Expense | D17358*E17353 | | 0.013029 | $0.47 |
| 17359 | Legal Expense | D17359*E17353 | | 0.006148 | $0.22 |
| 17360 | Other Procurement Expense | D17360*E17353 | | 0.002359 | $0.09 |
| 17361 | Research & Development Expense | D17361*E17353 | | 0.000036 | $0.00 |
| 17362 | Other General and Admin Expense | D17362*E17353 | | 0.015212 | $0.55 |
| 17363 | ***Common Costs*** | Sum(E17356:E17362) | | | $1.65 |
| 17364 | | | | | |
| 17365 | ***TELRIC + Common Costs*** | E17353+E17363 | | | $38.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR)***

*ADD*

**-C.O. MTCE. L40 (per half hour)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| TESTING AND MAINTENANCE - PREMIUM | | | | | | | | $35.55 |
| *Subtotal - C.O. MTCE. L40 (per half hour)* | | | | | | 0.00 | | $35.55 |
| *Total For Service:* | | | | | | 0.00 | | $35.55 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***TESTING AND MAINTENANCE - PREMIUM (PER HALF HOUR) (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 17417 | **Direct Cost** | | | | | $35.55 |
| 17418 | | | | | | |
| 17419 | | | Cost Calculation | | Cost Factor | Cost |
| 17420 | | | B | C | D | E |
| 17421 | | | | | | |
| 17422 | ***Directly Assigned*** | | | | | |
| 17423 | Product Management Expense | | D17423*E17417 | | 0.025565 | $0.91 |
| 17424 | Sales Expense | | D17424*E17417 | | 0.009225 | $0.33 |
| 17425 | Product Advertising Expense | | D17425*E17417 | | 0.000000 | $0.00 |
| 17426 | Business Fees (Other Operating Taxes) | | D17426*Sum(E17417:E17425) | | 0.002025 | $0.07 |
| 17427 | ***Directly Assigned Costs*** | | Sum(E17417:E17426) | | | $1.31 |
| 17428 | | | | | | |
| 17429 | ***Total Direct Costs*** | | E17417+E17427 | | | $36.86 |
| 17430 | | | | | | |
| 17431 | ***Directly Attributed*** | | | | | |
| 17432 | Network Operations | | D17432*E17429 | | 0.040880 | $1.51 |
| 17433 | Network Support Assets | | D17433*E17429 | | 0.015364 | $0.57 |
| 17434 | General Support Assets | | D17434*E17429 | | 0.069508 | $2.56 |
| 17435 | General Purpose Computers | | D17435*E17429 | | 0.034714 | $1.28 |
| 17436 | Uncollectible | | D17436*E17429 | | 0.000401 | $0.01 |
| 17437 | Accounting & Finance Expense | | D17437*E17429 | | 0.008839 | $0.33 |
| 17438 | Human Resources Expense | | D17438*E17429 | | 0.008145 | $0.30 |
| 17439 | Information Management Expense | | D17439*E17429 | | 0.057009 | $2.10 |
| 17440 | Intangibles | | D17440*E17429 | | 0.002091 | $0.08 |
| 17441 | ***Directly Attributed Costs*** | | Sum(E17432:E17440) | | | $8.73 |
| 17442 | | | | | | |
| 17443 | ***TELRIC*** | | E17432+E17441 | | | $45.60 |
| 17444 | | | | | | |
| 17445 | ***Common*** | | | | | |
| 17446 | Executive Expense | | D17446*E17443 | | 0.007805 | $0.36 |
| 17447 | Planning Expense | | D17447*E17443 | | 0.000580 | $0.03 |
| 17448 | External Relations Expense | | D17448*E17443 | | 0.013029 | $0.59 |
| 17449 | Legal Expense | | D17449*E17443 | | 0.006148 | $0.28 |
| 17450 | Other Procurement Expense | | D17450*E17443 | | 0.002359 | $0.11 |
| 17451 | Research & Development Expense | | D17451*E17443 | | 0.000036 | $0.00 |
| 17452 | Other General and Admin Expense | | D17452*E17443 | | 0.015212 | $0.69 |
| 17453 | ***Common Costs*** | | Sum(E17446:E17452) | | | $2.06 |
| 17454 | | | | | | |
| 17455 | ***TELRIC + Common Costs*** | | E17443+E17453 | | | $47.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INSTALL/MTCE. L50 (per half hour) | | | | | | | | |
| MAINTENANCE OF SERVICE - BASIC | | | | | | | | $20.02 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$20.02** |
| ***Total For Service:*** | | | | | | **0.00** | | **$20.02** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MAINTENANCE OF SERVICE - BASIC (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17507 | **Direct Cost** | | | | $20.02 |
| 17508 | | | | | |
| 17509 | | Cost Calculation | | Cost Factor | Cost |
| 17510 | | B | C | D | E |
| 17511 | | | | | |
| 17512 | ***Directly Assigned*** | | | | |
| 17513 | Product Management Expense | D17513*E17507 | | 0.025565 | $0.51 |
| 17514 | Sales Expense | D17514*E17507 | | 0.009225 | $0.18 |
| 17515 | Product Advertising Expense | D17515*E17507 | | 0.000000 | $0.00 |
| 17516 | Business Fees (Other Operating Taxes) | D17516*Sum(E17507:E17515) | | 0.002025 | $0.04 |
| 17517 | ***Directly Assigned Costs*** | Sum(E17507:E17516) | | | $0.74 |
| 17518 | | | | | |
| 17519 | ***Total Direct Costs*** | E17507+E17517 | | | $20.76 |
| 17520 | | | | | |
| 17521 | ***Directly Attributed*** | | | | |
| 17522 | Network Operations | D17522*E17519 | | 0.040880 | $0.85 |
| 17523 | Network Support Assets | D17523*E17519 | | 0.015364 | $0.32 |
| 17524 | General Support Assets | D17524*E17519 | | 0.069508 | $1.44 |
| 17525 | General Purpose Computers | D17525*E17519 | | 0.034714 | $0.72 |
| 17526 | Uncollectible | D17526*E17519 | | 0.000401 | $0.01 |
| 17527 | Accounting & Finance Expense | D17527*E17519 | | 0.008839 | $0.18 |
| 17528 | Human Resources Expense | D17528*E17519 | | 0.008145 | $0.17 |
| 17529 | Information Management Expense | D17529*E17519 | | 0.057009 | $1.18 |
| 17530 | Intangibles | D17530*E17519 | | 0.002091 | $0.04 |
| 17531 | ***Directly Attributed Costs*** | Sum(E17522:E17530) | | | $4.92 |
| 17532 | | | | | |
| 17533 | ***TELRIC*** | E17522+E17531 | | | $25.68 |
| 17534 | | | | | |
| 17535 | ***Common*** | | | | |
| 17536 | Executive Expense | D17536*E17533 | | 0.007805 | $0.20 |
| 17537 | Planning Expense | D17537*E17533 | | 0.000580 | $0.01 |
| 17538 | External Relations Expense | D17538*E17533 | | 0.013029 | $0.33 |
| 17539 | Legal Expense | D17539*E17533 | | 0.006148 | $0.16 |
| 17540 | Other Procurement Expense | D17540*E17533 | | 0.002359 | $0.06 |
| 17541 | Research & Development Expense | D17541*E17533 | | 0.000036 | $0.00 |
| 17542 | Other General and Admin Expense | D17542*E17533 | | 0.015212 | $0.39 |
| 17543 | ***Common Costs*** | Sum(E17536:E17542) | | | $1.16 |
| 17544 | | | | | |
| 17545 | ***TELRIC + Common Costs*** | E17533+E17543 | | | $26.84 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR)***

***ADD***

**-INSTALL/MTCE. L50 (per half hour)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MAINTENANCE OF SERVICE - OVERTIME | | | | | | | | $26.74 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$26.74** |
| ***Total For Service:*** | | | | | | **0.00** | | **$26.74** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MAINTENANCE OF SERVICE - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17597 | **Direct Cost** | | | | $26.74 |
| 17598 | | | | | |
| 17599 | | Cost Calculation | | Cost Factor | Cost |
| 17600 | | B | C | D | E |
| 17601 | | | | | |
| 17602 | ***Directly Assigned*** | | | | |
| 17603 | Product Management Expense | D17603*E17597 | | 0.025565 | $0.68 |
| 17604 | Sales Expense | D17604*E17597 | | 0.009225 | $0.25 |
| 17605 | Product Advertising Expense | D17605*E17597 | | 0.000000 | $0.00 |
| 17606 | Business Fees (Other Operating Taxes) | D17606*Sum(E17597:E17605) | | 0.002025 | $0.06 |
| 17607 | ***Directly Assigned Costs*** | Sum(E17597:E17606) | | | $0.99 |
| 17608 | | | | | |
| 17609 | ***Total Direct Costs*** | E17597+E17607 | | | $27.73 |
| 17610 | | | | | |
| 17611 | ***Directly Attributed*** | | | | |
| 17612 | Network Operations | D17612*E17609 | | 0.040880 | $1.13 |
| 17613 | Network Support Assets | D17613*E17609 | | 0.015364 | $0.43 |
| 17614 | General Support Assets | D17614*E17609 | | 0.069508 | $1.93 |
| 17615 | General Purpose Computers | D17615*E17609 | | 0.034714 | $0.96 |
| 17616 | Uncollectible | D17616*E17609 | | 0.000401 | $0.01 |
| 17617 | Accounting & Finance Expense | D17617*E17609 | | 0.008839 | $0.25 |
| 17618 | Human Resources Expense | D17618*E17609 | | 0.008145 | $0.23 |
| 17619 | Information Management Expense | D17619*E17609 | | 0.057009 | $1.58 |
| 17620 | Intangibles | D17620*E17609 | | 0.002091 | $0.06 |
| 17621 | ***Directly Attributed Costs*** | Sum(E17612:E17620) | | | $6.57 |
| 17622 | | | | | |
| 17623 | ***TELRIC*** | E17612+E17621 | | | $34.30 |
| 17624 | | | | | |
| 17625 | ***Common*** | | | | |
| 17626 | Executive Expense | D17626*E17623 | | 0.007805 | $0.27 |
| 17627 | Planning Expense | D17627*E17623 | | 0.000580 | $0.02 |
| 17628 | External Relations Expense | D17628*E17623 | | 0.013029 | $0.45 |
| 17629 | Legal Expense | D17629*E17623 | | 0.006148 | $0.21 |
| 17630 | Other Procurement Expense | D17630*E17623 | | 0.002359 | $0.08 |
| 17631 | Research & Development Expense | D17631*E17623 | | 0.000036 | $0.00 |
| 17632 | Other General and Admin Expense | D17632*E17623 | | 0.015212 | $0.52 |
| 17633 | ***Common Costs*** | Sum(E17626:E17632) | | | $1.55 |
| 17634 | | | | | |
| 17635 | ***TELRIC + Common Costs*** | E17623+E17633 | | | $35.85 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INSTALL/MTCE. L50 (per half hour) | | | | | | | | |
| MAINTENANCE OF SERVICE - PREMIUM | | | | | | | | $33.47 |
| ***Subtotal - INSTALL/MTCE. L50 (per half hour)*** | | | | | | **0.00** | | **$33.47** |
| ***Total For Service:*** | | | | | | **0.00** | | **$33.47** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MAINTENANCE OF SERVICE - PREMIUM (PER HALF HOUR) (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 17687 | **Direct Cost** | | | | $33.47 |
| 17688 | | | | | |
| 17689 | | | | | |
| 17690 | | | | | |
| 17691 | | | | | |
| 17692 | ***Directly Assigned*** | | | | |
| 17693 | Product Management Expense | D17693*E17687 | | 0.025565 | $0.86 |
| 17694 | Sales Expense | D17694*E17687 | | 0.009225 | $0.31 |
| 17695 | Product Advertising Expense | D17695*E17687 | | 0.000000 | $0.00 |
| 17696 | Business Fees (Other Operating Taxes) | D17696*Sum(E17687:E17695) | | 0.002025 | $0.07 |
| 17697 | ***Directly Assigned Costs*** | Sum(E17687:E17696) | | | $1.23 |
| 17698 | | | | | |
| 17699 | ***Total Direct Costs*** | E17687+E17697 | | | $34.70 |
| 17700 | | | | | |
| 17701 | ***Directly Attributed*** | | | | |
| 17702 | Network Operations | D17702*E17699 | | 0.040880 | $1.42 |
| 17703 | Network Support Assets | D17703*E17699 | | 0.015364 | $0.53 |
| 17704 | General Support Assets | D17704*E17699 | | 0.069508 | $2.41 |
| 17705 | General Purpose Computers | D17705*E17699 | | 0.034714 | $1.20 |
| 17706 | Uncollectible | D17706*E17699 | | 0.000401 | $0.01 |
| 17707 | Accounting & Finance Expense | D17707*E17699 | | 0.008839 | $0.31 |
| 17708 | Human Resources Expense | D17708*E17699 | | 0.008145 | $0.28 |
| 17709 | Information Management Expense | D17709*E17699 | | 0.057009 | $1.98 |
| 17710 | Intangibles | D17710*E17699 | | 0.002091 | $0.07 |
| 17711 | ***Directly Attributed Costs*** | Sum(E17702:E17710) | | | $8.22 |
| 17712 | | | | | |
| 17713 | ***TELRIC*** | E17702+E17711 | | | $42.93 |
| 17714 | | | | | |
| 17715 | ***Common*** | | | | |
| 17716 | Executive Expense | D17716*E17713 | | 0.007805 | $0.34 |
| 17717 | Planning Expense | D17717*E17713 | | 0.000580 | $0.02 |
| 17718 | External Relations Expense | D17718*E17713 | | 0.013029 | $0.56 |
| 17719 | Legal Expense | D17719*E17713 | | 0.006148 | $0.26 |
| 17720 | Other Procurement Expense | D17720*E17713 | | 0.002359 | $0.10 |
| 17721 | Research & Development Expense | D17721*E17713 | | 0.000036 | $0.00 |
| 17722 | Other General and Admin Expense | D17722*E17713 | | 0.015212 | $0.65 |
| 17723 | ***Common Costs*** | Sum(E17716:E17722) | | | $1.94 |
| 17724 | | | | | |
| 17725 | ***TELRIC + Common Costs*** | E17713+E17723 | | | $44.87 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR)***

*ADD*

**-C.O. MTCE. L40 (per half hour)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| ADDITIONAL COOP ACCEPTANCE TESTING - BASIC | | | | | | | | $21.27 |
| *Subtotal - C.O. MTCE. L40 (per half hour)* | | | | | | 0.00 | | $21.27 |
| *Total For Service:* | | | | | | 0.00 | | $21.27 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL COOP ACCEPTANCE TESTING - BASIC (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17777 | **Direct Cost** | | | | $21.27 |
| 17778 | | | | | |
| 17779 | | Cost Calculation | | Cost Factor | Cost |
| 17780 | | | | | |
| 17781 | | B | C | D | E |
| 17782 | ***Directly Assigned*** | | | | |
| 17783 | Product Management Expense | D17783*E17777 | | 0.025565 | $0.54 |
| 17784 | Sales Expense | D17784*E17777 | | 0.009225 | $0.20 |
| 17785 | Product Advertising Expense | D17785*E17777 | | 0.000000 | $0.00 |
| 17786 | Business Fees (Other Operating Taxes) | D17786*Sum(E17777:E17785) | | 0.002025 | $0.04 |
| 17787 | ***Directly Assigned Costs*** | Sum(E17777:E17786) | | | $0.78 |
| 17788 | | | | | |
| 17789 | ***Total Direct Costs*** | E17777+E17787 | | | $22.05 |
| 17790 | | | | | |
| 17791 | ***Directly Attributed*** | | | | |
| 17792 | Network Operations | D17792*E17789 | | 0.040880 | $0.90 |
| 17793 | Network Support Assets | D17793*E17789 | | 0.015364 | $0.34 |
| 17794 | General Support Assets | D17794*E17789 | | 0.069508 | $1.53 |
| 17795 | General Purpose Computers | D17795*E17789 | | 0.034714 | $0.77 |
| 17796 | Uncollectible | D17796*E17789 | | 0.000401 | $0.01 |
| 17797 | Accounting & Finance Expense | D17797*E17789 | | 0.008839 | $0.19 |
| 17798 | Human Resources Expense | D17798*E17789 | | 0.008145 | $0.18 |
| 17799 | Information Management Expense | D17799*E17789 | | 0.057009 | $1.26 |
| 17800 | Intangibles | D17800*E17789 | | 0.002091 | $0.05 |
| 17801 | ***Directly Attributed Costs*** | Sum(E17792:E17800) | | | $5.23 |
| 17802 | | | | | |
| 17803 | ***TELRIC*** | E17792+E17801 | | | $27.28 |
| 17804 | | | | | |
| 17805 | ***Common*** | | | | |
| 17806 | Executive Expense | D17806*E17803 | | 0.007805 | $0.21 |
| 17807 | Planning Expense | D17807*E17803 | | 0.000580 | $0.02 |
| 17808 | External Relations Expense | D17808*E17803 | | 0.013029 | $0.36 |
| 17809 | Legal Expense | D17809*E17803 | | 0.006148 | $0.17 |
| 17810 | Other Procurement Expense | D17810*E17803 | | 0.002359 | $0.06 |
| 17811 | Research & Development Expense | D17811*E17803 | | 0.000036 | $0.00 |
| 17812 | Other General and Admin Expense | D17812*E17803 | | 0.015212 | $0.41 |
| 17813 | ***Common Costs*** | Sum(E17806:E17812) | | | $1.23 |
| 17814 | | | | | |
| 17815 | ***TELRIC + Common Costs*** | E17803+E17813 | | | $28.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. L40 (per half hour) | | | | | | | | |
| ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME | | | | | | | | $28.41 |
| *Subtotal - C.O. MTCE. L40 (per half hour)* | | | | | | 0.00 | | $28.41 |
| *Total For Service:* | | | | | | 0.00 | | $28.41 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL COOP ACCEPTANCE TESTING - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17867 | **Direct Cost** | | | | $28.41 |
| 17868 | | | | | |
| 17869 | | Cost Calculation | | Cost Factor | Cost |
| 17870 | | B | C | D | E |
| 17871 | | | | | |
| 17872 | ***Directly Assigned*** | | | | |
| 17873 | Product Management Expense | D17873*E17867 | | 0.025565 | $0.73 |
| 17874 | Sales Expense | D17874*E17867 | | 0.009225 | $0.26 |
| 17875 | Product Advertising Expense | D17875*E17867 | | 0.000000 | $0.00 |
| 17876 | Business Fees (Other Operating Taxes) | D17876*Sum(E17867:E17875) | | 0.002025 | $0.06 |
| 17877 | ***Directly Assigned Costs*** | Sum(E17867:E17876) | | | $1.05 |
| 17878 | | | | | |
| 17879 | ***Total Direct Costs*** | E17867+E17877 | | | $29.46 |
| 17880 | | | | | |
| 17881 | ***Directly Attributed*** | | | | |
| 17882 | Network Operations | D17882*E17879 | | 0.040880 | $1.20 |
| 17883 | Network Support Assets | D17883*E17879 | | 0.015364 | $0.45 |
| 17884 | General Support Assets | D17884*E17879 | | 0.069508 | $2.05 |
| 17885 | General Purpose Computers | D17885*E17879 | | 0.034714 | $1.02 |
| 17886 | Uncollectible | D17886*E17879 | | 0.000401 | $0.01 |
| 17887 | Accounting & Finance Expense | D17887*E17879 | | 0.008839 | $0.26 |
| 17888 | Human Resources Expense | D17888*E17879 | | 0.008145 | $0.24 |
| 17889 | Information Management Expense | D17889*E17879 | | 0.057009 | $1.68 |
| 17890 | Intangibles | D17890*E17879 | | 0.002091 | $0.06 |
| 17891 | ***Directly Attributed Costs*** | Sum(E17882:E17890) | | | $6.98 |
| 17892 | | | | | |
| 17893 | ***TELRIC*** | E17882+E17891 | | | $36.44 |
| 17894 | | | | | |
| 17895 | ***Common*** | | | | |
| 17896 | Executive Expense | D17896*E17893 | | 0.007805 | $0.28 |
| 17897 | Planning Expense | D17897*E17893 | | 0.000580 | $0.02 |
| 17898 | External Relations Expense | D17898*E17893 | | 0.013029 | $0.47 |
| 17899 | Legal Expense | D17899*E17893 | | 0.006148 | $0.22 |
| 17900 | Other Procurement Expense | D17900*E17893 | | 0.002359 | $0.09 |
| 17901 | Research & Development Expense | D17901*E17893 | | 0.000036 | $0.00 |
| 17902 | Other General and Admin Expense | D17902*E17893 | | 0.015212 | $0.55 |
| 17903 | ***Common Costs*** | Sum(E17896:E17902) | | | $1.65 |
| 17904 | | | | | |
| 17905 | ***TELRIC + Common Costs*** | E17893+E17903 | | | $38.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. L40 (per half hour) | | | | | | | | |
| ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM | | | | | | | | $35.55 |
| ***Subtotal - C.O. MTCE. L40 (per half hour)*** | | | | | | **0.00** | | **$35.55** |
| ***Total For Service:*** | | | | | | **0.00** | | **$35.55** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL COOP ACCEPTANCE TESTING - PREMIUM (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 17957 | **Direct Cost** | | | | $35.55 |
| 17958 | | | | | |
| 17959 | | Cost Calculation | | Cost Factor | Cost |
| 17960 | | B | C | D | E |
| 17961 | | | | | |
| 17962 | ***Directly Assigned*** | | | | |
| 17963 | Product Management Expense | D17963*E17957 | | 0.025565 | $0.91 |
| 17964 | Sales Expense | D17964*E17957 | | 0.009225 | $0.33 |
| 17965 | Product Advertising Expense | D17965*E17957 | | 0.000000 | $0.00 |
| 17966 | Business Fees (Other Operating Taxes) | D17966*Sum(E17957:E17965) | | 0.002025 | $0.07 |
| 17967 | ***Directly Assigned Costs*** | Sum(E17957:E17966) | | | $1.31 |
| 17968 | | | | | |
| 17969 | ***Total Direct Costs*** | E17957+E17967 | | | $36.86 |
| 17970 | | | | | |
| 17971 | ***Directly Attributed*** | | | | |
| 17972 | Network Operations | D17972*E17969 | | 0.040880 | $1.51 |
| 17973 | Network Support Assets | D17973*E17969 | | 0.015364 | $0.57 |
| 17974 | General Support Assets | D17974*E17969 | | 0.069508 | $2.56 |
| 17975 | General Purpose Computers | D17975*E17969 | | 0.034714 | $1.28 |
| 17976 | Uncollectible | D17976*E17969 | | 0.000401 | $0.01 |
| 17977 | Accounting & Finance Expense | D17977*E17969 | | 0.008839 | $0.33 |
| 17978 | Human Resources Expense | D17978*E17969 | | 0.008145 | $0.30 |
| 17979 | Information Management Expense | D17979*E17969 | | 0.057009 | $2.10 |
| 17980 | Intangibles | D17980*E17969 | | 0.002091 | $0.08 |
| 17981 | ***Directly Attributed Costs*** | Sum(E17972:E17980) | | | $8.73 |
| 17982 | | | | | |
| 17983 | ***TELRIC*** | E17972+E17981 | | | $45.60 |
| 17984 | | | | | |
| 17985 | ***Common*** | | | | |
| 17986 | Executive Expense | D17986*E17983 | | 0.007805 | $0.36 |
| 17987 | Planning Expense | D17987*E17983 | | 0.000580 | $0.03 |
| 17988 | External Relations Expense | D17988*E17983 | | 0.013029 | $0.59 |
| 17989 | Legal Expense | D17989*E17983 | | 0.006148 | $0.28 |
| 17990 | Other Procurement Expense | D17990*E17983 | | 0.002359 | $0.11 |
| 17991 | Research & Development Expense | D17991*E17983 | | 0.000036 | $0.00 |
| 17992 | Other General and Admin Expense | D17992*E17983 | | 0.015212 | $0.69 |
| 17993 | ***Common Costs*** | Sum(E17986:E17992) | | | $2.06 |
| 17994 | | | | | |
| 17995 | ***TELRIC + Common Costs*** | E17983+E17993 | | | $47.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. L40 (per half hour)** | | | | | | | | |
| NONSCHEDULED COOP TESTING - BASIC | | | | | | | | $21.27 |
| ***Subtotal - C.O. MTCE. L40 (per half hour)*** | | | | | | **0.00** | | **$21.27** |
| ***Total For Service:*** | | | | | | **0.00** | | **$21.27** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSCHEDULED COOP TESTING - BASIC (PER HALF HOUR) (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 18047 | **Direct Cost** | | | | | $21.27 |
| 18048 | | | | | | |
| 18049 | | | Cost Calculation | | Cost Factor | Cost |
| 18050 | | | B | C | D | E |
| 18051 | | | | | | |
| 18052 | ***Directly Assigned*** | | | | | |
| 18053 | Product Management Expense | | D18053*E18047 | | 0.025565 | $0.54 |
| 18054 | Sales Expense | | D18054*E18047 | | 0.009225 | $0.20 |
| 18055 | Product Advertising Expense | | D18055*E18047 | | 0.000000 | $0.00 |
| 18056 | Business Fees (Other Operating Taxes) | | D18056*Sum(E18047:E18055) | | 0.002025 | $0.04 |
| 18057 | ***Directly Assigned Costs*** | | Sum(E18047:E18056) | | | $0.78 |
| 18058 | | | | | | |
| 18059 | ***Total Direct Costs*** | | E18047+E18057 | | | $22.05 |
| 18060 | | | | | | |
| 18061 | ***Directly Attributed*** | | | | | |
| 18062 | Network Operations | | D18062*E18059 | | 0.040880 | $0.90 |
| 18063 | Network Support Assets | | D18063*E18059 | | 0.015364 | $0.34 |
| 18064 | General Support Assets | | D18064*E18059 | | 0.069508 | $1.53 |
| 18065 | General Purpose Computers | | D18065*E18059 | | 0.034714 | $0.77 |
| 18066 | Uncollectible | | D18066*E18059 | | 0.000401 | $0.01 |
| 18067 | Accounting & Finance Expense | | D18067*E18059 | | 0.008839 | $0.19 |
| 18068 | Human Resources Expense | | D18068*E18059 | | 0.008145 | $0.18 |
| 18069 | Information Management Expense | | D18069*E18059 | | 0.057009 | $1.26 |
| 18070 | Intangibles | | D18070*E18059 | | 0.002091 | $0.05 |
| 18071 | ***Directly Attributed Costs*** | | Sum(E18062:E18070) | | | $5.23 |
| 18072 | | | | | | |
| 18073 | ***TELRIC*** | | E18062+E18071 | | | $27.28 |
| 18074 | | | | | | |
| 18075 | ***Common*** | | | | | |
| 18076 | Executive Expense | | D18076*E18073 | | 0.007805 | $0.21 |
| 18077 | Planning Expense | | D18077*E18073 | | 0.000580 | $0.02 |
| 18078 | External Relations Expense | | D18078*E18073 | | 0.013029 | $0.36 |
| 18079 | Legal Expense | | D18079*E18073 | | 0.006148 | $0.17 |
| 18080 | Other Procurement Expense | | D18080*E18073 | | 0.002359 | $0.06 |
| 18081 | Research & Development Expense | | D18081*E18073 | | 0.000036 | $0.00 |
| 18082 | Other General and Admin Expense | | D18082*E18073 | | 0.015212 | $0.41 |
| 18083 | ***Common Costs*** | | Sum(E18076:E18082) | | | $1.23 |
| 18084 | | | | | | |
| 18085 | ***TELRIC + Common Costs*** | | E18073+E18083 | | | $28.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. L40 (per half hour) | | | | | | | | |
| NONSCHEDULED COOP TESTING - OVERTIME | | | | | | | | $28.41 |
| *Subtotal - C.O. MTCE. L40 (per half hour)* | | | | | | 0.00 | | $28.41 |
| *Total For Service:* | | | | | | 0.00 | | $28.41 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSHCEDULED COOP TESTING - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18137 | **Direct Cost** | | | | $28.41 |
| 18138 | | | | | |
| 18139 | | | | | |
| 18140 | | Cost Calculation | | Cost Factor | Cost |
| 18141 | | B | C | D | E |
| 18142 | ***Directly Assigned*** | | | | |
| 18143 | Product Management Expense | D18143*E18137 | | 0.025565 | $0.73 |
| 18144 | Sales Expense | D18144*E18137 | | 0.009225 | $0.26 |
| 18145 | Product Advertising Expense | D18145*E18137 | | 0.000000 | $0.00 |
| 18146 | Business Fees (Other Operating Taxes) | D18146*Sum(E18137:E18145) | | 0.002025 | $0.06 |
| 18147 | ***Directly Assigned Costs*** | Sum(E18137:E18146) | | | $1.05 |
| 18148 | | | | | |
| 18149 | ***Total Direct Costs*** | E18137+E18147 | | | $29.46 |
| 18150 | | | | | |
| 18151 | ***Directly Attributed*** | | | | |
| 18152 | Network Operations | D18152*E18149 | | 0.040880 | $1.20 |
| 18153 | Network Support Assets | D18153*E18149 | | 0.015364 | $0.45 |
| 18154 | General Support Assets | D18154*E18149 | | 0.069508 | $2.05 |
| 18155 | General Purpose Computers | D18155*E18149 | | 0.034714 | $1.02 |
| 18156 | Uncollectible | D18156*E18149 | | 0.000401 | $0.01 |
| 18157 | Accounting & Finance Expense | D18157*E18149 | | 0.008839 | $0.26 |
| 18158 | Human Resources Expense | D18158*E18149 | | 0.008145 | $0.24 |
| 18159 | Information Management Expense | D18159*E18149 | | 0.057009 | $1.68 |
| 18160 | Intangibles | D18160*E18149 | | 0.002091 | $0.06 |
| 18161 | ***Directly Attributed Costs*** | Sum(E18152:E18160) | | | $6.98 |
| 18162 | | | | | |
| 18163 | ***TELRIC*** | E18152+E18161 | | | $36.44 |
| 18164 | | | | | |
| 18165 | ***Common*** | | | | |
| 18166 | Executive Expense | D18166*E18163 | | 0.007805 | $0.28 |
| 18167 | Planning Expense | D18167*E18163 | | 0.000580 | $0.02 |
| 18168 | External Relations Expense | D18168*E18163 | | 0.013029 | $0.47 |
| 18169 | Legal Expense | D18169*E18163 | | 0.006148 | $0.22 |
| 18170 | Other Procurement Expense | D18170*E18163 | | 0.002359 | $0.09 |
| 18171 | Research & Development Expense | D18171*E18163 | | 0.000036 | $0.00 |
| 18172 | Other General and Admin Expense | D18172*E18163 | | 0.015212 | $0.55 |
| 18173 | ***Common Costs*** | Sum(E18166:E18172) | | | $1.65 |
| 18174 | | | | | |
| 18175 | ***TELRIC + Common Costs*** | E18163+E18173 | | | $38.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. L40 (per half hour)** | | | | | | | | |
| NONSCHEDULED COOP TESTING - PREMIUM | | | | | | | | $35.55 |
| ***Subtotal - C.O. MTCE. L40 (per half hour)*** | | | | | | **0.00** | | **$35.55** |
| ***Total For Service:*** | | | | | | **0.00** | | **$35.55** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSCHEDULED COOP TESTING - PREMIUM (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18227 | **Direct Cost** | | | | $35.55 |
| 18228 | | | | | |
| 18229 | | Cost Calculation | | Cost Factor | Cost |
| 18230 | | B | C | D | E |
| 18231 | | | | | |
| 18232 | ***Directly Assigned*** | | | | |
| 18233 | Product Management Expense | D18233*E18227 | | 0.025565 | $0.91 |
| 18234 | Sales Expense | D18234*E18227 | | 0.009225 | $0.33 |
| 18235 | Product Advertising Expense | D18235*E18227 | | 0.000000 | $0.00 |
| 18236 | Business Fees (Other Operating Taxes) | D18236*Sum(E18227:E18235) | | 0.002025 | $0.07 |
| 18237 | ***Directly Assigned Costs*** | Sum(E18227:E18236) | | | $1.31 |
| 18238 | | | | | |
| 18239 | ***Total Direct Costs*** | E18227+E18237 | | | $36.86 |
| 18240 | | | | | |
| 18241 | ***Directly Attributed*** | | | | |
| 18242 | Network Operations | D18242*E18239 | | 0.040880 | $1.51 |
| 18243 | Network Support Assets | D18243*E18239 | | 0.015364 | $0.57 |
| 18244 | General Support Assets | D18244*E18239 | | 0.069508 | $2.56 |
| 18245 | General Purpose Computers | D18245*E18239 | | 0.034714 | $1.28 |
| 18246 | Uncollectible | D18246*E18239 | | 0.000401 | $0.01 |
| 18247 | Accounting & Finance Expense | D18247*E18239 | | 0.008839 | $0.33 |
| 18248 | Human Resources Expense | D18248*E18239 | | 0.008145 | $0.30 |
| 18249 | Information Management Expense | D18249*E18239 | | 0.057009 | $2.10 |
| 18250 | Intangibles | D18250*E18239 | | 0.002091 | $0.08 |
| 18251 | ***Directly Attributed Costs*** | Sum(E18242:E18250) | | | $8.73 |
| 18252 | | | | | |
| 18253 | ***TELRIC*** | E18242+E18251 | | | $45.60 |
| 18254 | | | | | |
| 18255 | ***Common*** | | | | |
| 18256 | Executive Expense | D18256*E18253 | | 0.007805 | $0.36 |
| 18257 | Planning Expense | D18257*E18253 | | 0.000580 | $0.03 |
| 18258 | External Relations Expense | D18258*E18253 | | 0.013029 | $0.59 |
| 18259 | Legal Expense | D18259*E18253 | | 0.006148 | $0.28 |
| 18260 | Other Procurement Expense | D18260*E18253 | | 0.002359 | $0.11 |
| 18261 | Research & Development Expense | D18261*E18253 | | 0.000036 | $0.00 |
| 18262 | Other General and Admin Expense | D18262*E18253 | | 0.015212 | $0.69 |
| 18263 | ***Common Costs*** | Sum(E18256:E18262) | | | $2.06 |
| 18264 | | | | | |
| 18265 | ***TELRIC + Common Costs*** | E18253+E18263 | | | $47.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. - L40 (per half hour)** | | | | | | | | |
| NONSCHEDULED MANUAL TESTING - BASIC | | | | | | | | $21.27 |
| ***Subtotal - C.O. MTCE. - L40 (per half hour)*** | | | | | | **0.00** | | **$21.27** |
| ***Total For Service:*** | | | | | | **0.00** | | **$21.27** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSCHEDULED MANUAL TESTING - BASIC (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18317 | **Direct Cost** | | | | $21.27 |
| 18318 | | | | | |
| 18319 | | Cost Calculation | | Cost Factor | Cost |
| 18320 | | | | | |
| 18321 | | B | C | D | E |
| 18322 | ***Directly Assigned*** | | | | |
| 18323 | Product Management Expense | D18323*E18317 | | 0.025565 | $0.54 |
| 18324 | Sales Expense | D18324*E18317 | | 0.009225 | $0.20 |
| 18325 | Product Advertising Expense | D18325*E18317 | | 0.000000 | $0.00 |
| 18326 | Business Fees (Other Operating Taxes) | D18326*Sum(E18317:E18325) | | 0.002025 | $0.04 |
| 18327 | ***Directly Assigned Costs*** | Sum(E18317:E18326) | | | $0.78 |
| 18328 | | | | | |
| 18329 | ***Total Direct Costs*** | E18317+E18327 | | | $22.05 |
| 18330 | | | | | |
| 18331 | ***Directly Attributed*** | | | | |
| 18332 | Network Operations | D18332*E18329 | | 0.040880 | $0.90 |
| 18333 | Network Support Assets | D18333*E18329 | | 0.015364 | $0.34 |
| 18334 | General Support Assets | D18334*E18329 | | 0.069508 | $1.53 |
| 18335 | General Purpose Computers | D18335*E18329 | | 0.034714 | $0.77 |
| 18336 | Uncollectible | D18336*E18329 | | 0.000401 | $0.01 |
| 18337 | Accounting & Finance Expense | D18337*E18329 | | 0.008839 | $0.19 |
| 18338 | Human Resources Expense | D18338*E18329 | | 0.008145 | $0.18 |
| 18339 | Information Management Expense | D18339*E18329 | | 0.057009 | $1.26 |
| 18340 | Intangibles | D18340*E18329 | | 0.002091 | $0.05 |
| 18341 | ***Directly Attributed Costs*** | Sum(E18332:E18340) | | | $5.23 |
| 18342 | | | | | |
| 18343 | ***TELRIC*** | E18332+E18341 | | | $27.28 |
| 18344 | | | | | |
| 18345 | ***Common*** | | | | |
| 18346 | Executive Expense | D18346*E18343 | | 0.007805 | $0.21 |
| 18347 | Planning Expense | D18347*E18343 | | 0.000580 | $0.02 |
| 18348 | External Relations Expense | D18348*E18343 | | 0.013029 | $0.36 |
| 18349 | Legal Expense | D18349*E18343 | | 0.006148 | $0.17 |
| 18350 | Other Procurement Expense | D18350*E18343 | | 0.002359 | $0.06 |
| 18351 | Research & Development Expense | D18351*E18343 | | 0.000036 | $0.00 |
| 18352 | Other General and Admin Expense | D18352*E18343 | | 0.015212 | $0.41 |
| 18353 | ***Common Costs*** | Sum(E18346:E18352) | | | $1.23 |
| 18354 | | | | | |
| 18355 | ***TELRIC + Common Costs*** | E18343+E18353 | | | $28.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. - L40 (per half hour)** | | | | | | | | |
| NONSCHEDULED MANUAL TESTING - OVERTIME | | | | | | | | $28.41 |
| ***Subtotal - C.O. MTCE. - L40 (per half hour)*** | | | | | | **0.00** | | **$28.41** |
| ***Total For Service:*** | | | | | | **0.00** | | **$28.41** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSCHEDULED MANUAL TESTING - OVERTIME (PER HALF HOUR) (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 18407 | **Direct Cost** | | | | | $28.41 |
| 18408 | | | | | | |
| 18409 | | | Cost Calculation | | Cost Factor | Cost |
| 18410 | | | B | C | D | E |
| 18411 | | | | | | |
| 18412 | ***Directly Assigned*** | | | | | |
| 18413 | Product Management Expense | | D18413*E18407 | | 0.025565 | $0.73 |
| 18414 | Sales Expense | | D18414*E18407 | | 0.009225 | $0.26 |
| 18415 | Product Advertising Expense | | D18415*E18407 | | 0.000000 | $0.00 |
| 18416 | Business Fees (Other Operating Taxes) | | D18416*Sum(E18407:E18415) | | 0.002025 | $0.06 |
| 18417 | ***Directly Assigned Costs*** | | Sum(E18407:E18416) | | | $1.05 |
| 18418 | | | | | | |
| 18419 | ***Total Direct Costs*** | | E18407+E18417 | | | $29.46 |
| 18420 | | | | | | |
| 18421 | ***Directly Attributed*** | | | | | |
| 18422 | Network Operations | | D18422*E18419 | | 0.040880 | $1.20 |
| 18423 | Network Support Assets | | D18423*E18419 | | 0.015364 | $0.45 |
| 18424 | General Support Assets | | D18424*E18419 | | 0.069508 | $2.05 |
| 18425 | General Purpose Computers | | D18425*E18419 | | 0.034714 | $1.02 |
| 18426 | Uncollectible | | D18426*E18419 | | 0.000401 | $0.01 |
| 18427 | Accounting & Finance Expense | | D18427*E18419 | | 0.008839 | $0.26 |
| 18428 | Human Resources Expense | | D18428*E18419 | | 0.008145 | $0.24 |
| 18429 | Information Management Expense | | D18429*E18419 | | 0.057009 | $1.68 |
| 18430 | Intangibles | | D18430*E18419 | | 0.002091 | $0.06 |
| 18431 | ***Directly Attributed Costs*** | | Sum(E18422:E18430) | | | $6.98 |
| 18432 | | | | | | |
| 18433 | ***TELRIC*** | | E18422+E18431 | | | $36.44 |
| 18434 | | | | | | |
| 18435 | ***Common*** | | | | | |
| 18436 | Executive Expense | | D18436*E18433 | | 0.007805 | $0.28 |
| 18437 | Planning Expense | | D18437*E18433 | | 0.000580 | $0.02 |
| 18438 | External Relations Expense | | D18438*E18433 | | 0.013029 | $0.47 |
| 18439 | Legal Expense | | D18439*E18433 | | 0.006148 | $0.22 |
| 18440 | Other Procurement Expense | | D18440*E18433 | | 0.002359 | $0.09 |
| 18441 | Research & Development Expense | | D18441*E18433 | | 0.000036 | $0.00 |
| 18442 | Other General and Admin Expense | | D18442*E18433 | | 0.015212 | $0.55 |
| 18443 | ***Common Costs*** | | Sum(E18436:E18442) | | | $1.65 |
| 18444 | | | | | | |
| 18445 | ***TELRIC + Common Costs*** | | E18433+E18443 | | | $38.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. - L40 (per half hour) | | | | | | | | |
| NONSCHEDULED MANUAL TESTING - PREMIUM | | | | | | | | $35.55 |
| *Subtotal - C.O. MTCE. - L40 (per half hour)* | | | | | | 0.00 | | $35.55 |
| *Total For Service:* | | | | | | 0.00 | | $35.55 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NONSCHEDULED MANUAL TESTING - PREMIUM (PER HALF HOUR) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18497 | **Direct Cost** | | | | $35.55 |
| 18498 | | | | | |
| 18499 | | Cost Calculation | | Cost Factor | Cost |
| 18500 | | B | C | D | E |
| 18501 | | | | | |
| 18502 | ***Directly Assigned*** | | | | |
| 18503 | Product Management Expense | D18503*E18497 | | 0.025565 | $0.91 |
| 18504 | Sales Expense | D18504*E18497 | | 0.009225 | $0.33 |
| 18505 | Product Advertising Expense | D18505*E18497 | | 0.000000 | $0.00 |
| 18506 | Business Fees (Other Operating Taxes) | D18506*Sum(E18497:E18505) | | 0.002025 | $0.07 |
| 18507 | ***Directly Assigned Costs*** | Sum(E18497:E18506) | | | $1.31 |
| 18508 | | | | | |
| 18509 | ***Total Direct Costs*** | E18497+E18507 | | | $36.86 |
| 18510 | | | | | |
| 18511 | ***Directly Attributed*** | | | | |
| 18512 | Network Operations | D18512*E18509 | | 0.040880 | $1.51 |
| 18513 | Network Support Assets | D18513*E18509 | | 0.015364 | $0.57 |
| 18514 | General Support Assets | D18514*E18509 | | 0.069508 | $2.56 |
| 18515 | General Purpose Computers | D18515*E18509 | | 0.034714 | $1.28 |
| 18516 | Uncollectible | D18516*E18509 | | 0.000401 | $0.01 |
| 18517 | Accounting & Finance Expense | D18517*E18509 | | 0.008839 | $0.33 |
| 18518 | Human Resources Expense | D18518*E18509 | | 0.008145 | $0.30 |
| 18519 | Information Management Expense | D18519*E18509 | | 0.057009 | $2.10 |
| 18520 | Intangibles | D18520*E18509 | | 0.002091 | $0.08 |
| 18521 | ***Directly Attributed Costs*** | Sum(E18512:E18520) | | | $8.73 |
| 18522 | | | | | |
| 18523 | ***TELRIC*** | E18512+E18521 | | | $45.60 |
| 18524 | | | | | |
| 18525 | ***Common*** | | | | |
| 18526 | Executive Expense | D18526*E18523 | | 0.007805 | $0.36 |
| 18527 | Planning Expense | D18527*E18523 | | 0.000580 | $0.03 |
| 18528 | External Relations Expense | D18528*E18523 | | 0.013029 | $0.59 |
| 18529 | Legal Expense | D18529*E18523 | | 0.006148 | $0.28 |
| 18530 | Other Procurement Expense | D18530*E18523 | | 0.002359 | $0.11 |
| 18531 | Research & Development Expense | D18531*E18523 | | 0.000036 | $0.00 |
| 18532 | Other General and Admin Expense | D18532*E18523 | | 0.015212 | $0.69 |
| 18533 | ***Common Costs*** | Sum(E18526:E18532) | | | $2.06 |
| 18534 | | | | | |
| 18535 | ***TELRIC + Common Costs*** | E18523+E18533 | | | $47.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH)***

*ADD*

**-C.O. MTCE. - L40 (monthly cost)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| COOPERATIVE SCHEDULED TESTING - LOSS | | | | | | | | $0.06 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.06** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.06** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - LOSS (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18587 | **Direct Cost** | | | | $0.06 |
| 18588 | | | | | |
| 18589 | | Cost Calculation | | Cost Factor | Cost |
| 18590 | | B | C | D | E |
| 18591 | | | | | |
| 18592 | ***Directly Assigned*** | | | | |
| 18593 | Product Management Expense | D18593*E18587 | | 0.025565 | $0.00 |
| 18594 | Sales Expense | D18594*E18587 | | 0.009225 | $0.00 |
| 18595 | Product Advertising Expense | D18595*E18587 | | 0.000000 | $0.00 |
| 18596 | Business Fees (Other Operating Taxes) | D18596*Sum(E18587:E18595) | | 0.002025 | $0.00 |
| 18597 | ***Directly Assigned Costs*** | Sum(E18587:E18596) | | | $0.00 |
| 18598 | | | | | |
| 18599 | ***Total Direct Costs*** | E18587+E18597 | | | $0.06 |
| 18600 | | | | | |
| 18601 | ***Directly Attributed*** | | | | |
| 18602 | Network Operations | D18602*E18599 | | 0.040880 | $0.00 |
| 18603 | Network Support Assets | D18603*E18599 | | 0.015364 | $0.00 |
| 18604 | General Support Assets | D18604*E18599 | | 0.069508 | $0.00 |
| 18605 | General Purpose Computers | D18605*E18599 | | 0.034714 | $0.00 |
| 18606 | Uncollectible | D18606*E18599 | | 0.000401 | $0.00 |
| 18607 | Accounting & Finance Expense | D18607*E18599 | | 0.008839 | $0.00 |
| 18608 | Human Resources Expense | D18608*E18599 | | 0.008145 | $0.00 |
| 18609 | Information Management Expense | D18609*E18599 | | 0.057009 | $0.00 |
| 18610 | Intangibles | D18610*E18599 | | 0.002091 | $0.00 |
| 18611 | ***Directly Attributed Costs*** | Sum(E18602:E18610) | | | $0.01 |
| 18612 | | | | | |
| 18613 | ***TELRIC*** | E18602+E18611 | | | $0.08 |
| 18614 | | | | | |
| 18615 | ***Common*** | | | | |
| 18616 | Executive Expense | D18616*E18613 | | 0.007805 | $0.00 |
| 18617 | Planning Expense | D18617*E18613 | | 0.000580 | $0.00 |
| 18618 | External Relations Expense | D18618*E18613 | | 0.013029 | $0.00 |
| 18619 | Legal Expense | D18619*E18613 | | 0.006148 | $0.00 |
| 18620 | Other Procurement Expense | D18620*E18613 | | 0.002359 | $0.00 |
| 18621 | Research & Development Expense | D18621*E18613 | | 0.000036 | $0.00 |
| 18622 | Other General and Admin Expense | D18622*E18613 | | 0.015212 | $0.00 |
| 18623 | ***Common Costs*** | Sum(E18616:E18622) | | | $0.00 |
| 18624 | | | | | |
| 18625 | ***TELRIC + Common Costs*** | E18613+E18623 | | | $0.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. - L40 (monthly cost) | | | | | | | | |
| COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE | | | | | | | | $0.06 |
| *Subtotal - C.O. MTCE. - L40 (monthly cost)* | | | | | | 0.00 | | $0.06 |
| *Total For Service:* | | | | | | 0.00 | | $0.06 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18677 | **Direct Cost** | | | | $0.06 |
| 18678 | | | | | |
| 18679 | | Cost Calculation | | Cost Factor | Cost |
| 18680 | | B | C | D | E |
| 18681 | | | | | |
| 18682 | ***Directly Assigned*** | | | | |
| 18683 | Product Management Expense | D18683*E18677 | | 0.025565 | $0.00 |
| 18684 | Sales Expense | D18684*E18677 | | 0.009225 | $0.00 |
| 18685 | Product Advertising Expense | D18685*E18677 | | 0.000000 | $0.00 |
| 18686 | Business Fees (Other Operating Taxes) | D18686*Sum(E18677:E18685) | | 0.002025 | $0.00 |
| 18687 | ***Directly Assigned Costs*** | Sum(E18677:E18686) | | | $0.00 |
| 18688 | | | | | |
| 18689 | ***Total Direct Costs*** | E18677+E18687 | | | $0.06 |
| 18690 | | | | | |
| 18691 | ***Directly Attributed*** | | | | |
| 18692 | Network Operations | D18692*E18689 | | 0.040880 | $0.00 |
| 18693 | Network Support Assets | D18693*E18689 | | 0.015364 | $0.00 |
| 18694 | General Support Assets | D18694*E18689 | | 0.069508 | $0.00 |
| 18695 | General Purpose Computers | D18695*E18689 | | 0.034714 | $0.00 |
| 18696 | Uncollectible | D18696*E18689 | | 0.000401 | $0.00 |
| 18697 | Accounting & Finance Expense | D18697*E18689 | | 0.008839 | $0.00 |
| 18698 | Human Resources Expense | D18698*E18689 | | 0.008145 | $0.00 |
| 18699 | Information Management Expense | D18699*E18689 | | 0.057009 | $0.00 |
| 18700 | Intangibles | D18700*E18689 | | 0.002091 | $0.00 |
| 18701 | ***Directly Attributed Costs*** | Sum(E18692:E18700) | | | $0.01 |
| 18702 | | | | | |
| 18703 | ***TELRIC*** | E18692+E18701 | | | $0.08 |
| 18704 | | | | | |
| 18705 | ***Common*** | | | | |
| 18706 | Executive Expense | D18706*E18703 | | 0.007805 | $0.00 |
| 18707 | Planning Expense | D18707*E18703 | | 0.000580 | $0.00 |
| 18708 | External Relations Expense | D18708*E18703 | | 0.013029 | $0.00 |
| 18709 | Legal Expense | D18709*E18703 | | 0.006148 | $0.00 |
| 18710 | Other Procurement Expense | D18710*E18703 | | 0.002359 | $0.00 |
| 18711 | Research & Development Expense | D18711*E18703 | | 0.000036 | $0.00 |
| 18712 | Other General and Admin Expense | D18712*E18703 | | 0.015212 | $0.00 |
| 18713 | ***Common Costs*** | Sum(E18706:E18712) | | | $0.00 |
| 18714 | | | | | |
| 18715 | ***TELRIC + Common Costs*** | E18703+E18713 | | | $0.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. - L40 (monthly cost) | | | | | | | | |
| COOPERATIVE SCHEDULED TESTING - BALANCE | | | | | | | | $0.24 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | 0.00 | | $0.24 |
| ***Total For Service:*** | | | | | | 0.00 | | $0.24 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - BALANCE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18767 | **Direct Cost** | | | | $0.24 |
| 18768 | | | | | |
| 18769 | | Cost Calculation | | Cost Factor | Cost |
| 18770 | | B | C | D | E |
| 18771 | | | | | |
| 18772 | ***Directly Assigned*** | | | | |
| 18773 | Product Management Expense | D18773*E18767 | | 0.025565 | $0.01 |
| 18774 | Sales Expense | D18774*E18767 | | 0.009225 | $0.00 |
| 18775 | Product Advertising Expense | D18775*E18767 | | 0.000000 | $0.00 |
| 18776 | Business Fees (Other Operating Taxes) | D18776*Sum(E18767:E18775) | | 0.002025 | $0.00 |
| 18777 | ***Directly Assigned Costs*** | Sum(E18767:E18776) | | | $0.01 |
| 18778 | | | | | |
| 18779 | ***Total Direct Costs*** | E18767+E18777 | | | $0.25 |
| 18780 | | | | | |
| 18781 | ***Directly Attributed*** | | | | |
| 18782 | Network Operations | D18782*E18779 | | 0.040880 | $0.01 |
| 18783 | Network Support Assets | D18783*E18779 | | 0.015364 | $0.00 |
| 18784 | General Support Assets | D18784*E18779 | | 0.069508 | $0.02 |
| 18785 | General Purpose Computers | D18785*E18779 | | 0.034714 | $0.01 |
| 18786 | Uncollectible | D18786*E18779 | | 0.000401 | $0.00 |
| 18787 | Accounting & Finance Expense | D18787*E18779 | | 0.008839 | $0.00 |
| 18788 | Human Resources Expense | D18788*E18779 | | 0.008145 | $0.00 |
| 18789 | Information Management Expense | D18789*E18779 | | 0.057009 | $0.01 |
| 18790 | Intangibles | D18790*E18779 | | 0.002091 | $0.00 |
| 18791 | ***Directly Attributed Costs*** | Sum(E18782:E18790) | | | $0.06 |
| 18792 | | | | | |
| 18793 | ***TELRIC*** | E18782+E18791 | | | $0.31 |
| 18794 | | | | | |
| 18795 | ***Common*** | | | | |
| 18796 | Executive Expense | D18796*E18793 | | 0.007805 | $0.00 |
| 18797 | Planning Expense | D18797*E18793 | | 0.000580 | $0.00 |
| 18798 | External Relations Expense | D18798*E18793 | | 0.013029 | $0.00 |
| 18799 | Legal Expense | D18799*E18793 | | 0.006148 | $0.00 |
| 18800 | Other Procurement Expense | D18800*E18793 | | 0.002359 | $0.00 |
| 18801 | Research & Development Expense | D18801*E18793 | | 0.000036 | $0.00 |
| 18802 | Other General and Admin Expense | D18802*E18793 | | 0.015212 | $0.00 |
| 18803 | ***Common Costs*** | Sum(E18796:E18802) | | | $0.01 |
| 18804 | | | | | |
| 18805 | ***TELRIC + Common Costs*** | E18793+E18803 | | | $0.32 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH)***

***ADD***

**-C.O. MTCE. - L40 (monthly cost)**

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| COOPERATIVE SCHEDULED TESTING - GAIN SLOPE | | | | | | | | $0.06 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.06** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.06** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - GAIN SLOPE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18857 | **Direct Cost** | | | | $0.06 |
| 18858 | | | | | |
| 18859 | | Cost Calculation | | Cost Factor | Cost |
| 18860 | | B | C | D | E |
| 18861 | | | | | |
| 18862 | ***Directly Assigned*** | | | | |
| 18863 | Product Management Expense | D18863*E18857 | | 0.025565 | $0.00 |
| 18864 | Sales Expense | D18864*E18857 | | 0.009225 | $0.00 |
| 18865 | Product Advertising Expense | D18865*E18857 | | 0.000000 | $0.00 |
| 18866 | Business Fees (Other Operating Taxes) | D18866*Sum(E18857:E18865) | | 0.002025 | $0.00 |
| 18867 | ***Directly Assigned Costs*** | Sum(E18857:E18866) | | | $0.00 |
| 18868 | | | | | |
| 18869 | ***Total Direct Costs*** | E18857+E18867 | | | $0.06 |
| 18870 | | | | | |
| 18871 | ***Directly Attributed*** | | | | |
| 18872 | Network Operations | D18872*E18869 | | 0.040880 | $0.00 |
| 18873 | Network Support Assets | D18873*E18869 | | 0.015364 | $0.00 |
| 18874 | General Support Assets | D18874*E18869 | | 0.069508 | $0.00 |
| 18875 | General Purpose Computers | D18875*E18869 | | 0.034714 | $0.00 |
| 18876 | Uncollectible | D18876*E18869 | | 0.000401 | $0.00 |
| 18877 | Accounting & Finance Expense | D18877*E18869 | | 0.008839 | $0.00 |
| 18878 | Human Resources Expense | D18878*E18869 | | 0.008145 | $0.00 |
| 18879 | Information Management Expense | D18879*E18869 | | 0.057009 | $0.00 |
| 18880 | Intangibles | D18880*E18869 | | 0.002091 | $0.00 |
| 18881 | ***Directly Attributed Costs*** | Sum(E18872:E18880) | | | $0.01 |
| 18882 | | | | | |
| 18883 | ***TELRIC*** | E18872+E18881 | | | $0.08 |
| 18884 | | | | | |
| 18885 | ***Common*** | | | | |
| 18886 | Executive Expense | D18886*E18883 | | 0.007805 | $0.00 |
| 18887 | Planning Expense | D18887*E18883 | | 0.000580 | $0.00 |
| 18888 | External Relations Expense | D18888*E18883 | | 0.013029 | $0.00 |
| 18889 | Legal Expense | D18889*E18883 | | 0.006148 | $0.00 |
| 18890 | Other Procurement Expense | D18890*E18883 | | 0.002359 | $0.00 |
| 18891 | Research & Development Expense | D18891*E18883 | | 0.000036 | $0.00 |
| 18892 | Other General and Admin Expense | D18892*E18883 | | 0.015212 | $0.00 |
| 18893 | ***Common Costs*** | Sum(E18886:E18892) | | | $0.00 |
| 18894 | | | | | |
| 18895 | ***TELRIC + Common Costs*** | E18883+E18893 | | | $0.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. - L40 (monthly cost)** | | | | | | | | |
| COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE | | | | | | | | $0.06 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.06** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.06** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***COOPERATIVE SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 18947 | **Direct Cost** | | | | $0.06 |
| 18948 | | | | | |
| 18949 | | Cost Calculation | | Cost Factor | Cost |
| 18950 | | B | C | D | E |
| 18951 | | | | | |
| 18952 | ***Directly Assigned*** | | | | |
| 18953 | Product Management Expense | D18953*E18947 | | 0.025565 | $0.00 |
| 18954 | Sales Expense | D18954*E18947 | | 0.009225 | $0.00 |
| 18955 | Product Advertising Expense | D18955*E18947 | | 0.000000 | $0.00 |
| 18956 | Business Fees (Other Operating Taxes) | D18956*Sum(E18947:E18955) | | 0.002025 | $0.00 |
| 18957 | ***Directly Assigned Costs*** | Sum(E18947:E18956) | | | $0.00 |
| 18958 | | | | | |
| 18959 | ***Total Direct Costs*** | E18947+E18957 | | | $0.06 |
| 18960 | | | | | |
| 18961 | ***Directly Attributed*** | | | | |
| 18962 | Network Operations | D18962*E18959 | | 0.040880 | $0.00 |
| 18963 | Network Support Assets | D18963*E18959 | | 0.015364 | $0.00 |
| 18964 | General Support Assets | D18964*E18959 | | 0.069508 | $0.00 |
| 18965 | General Purpose Computers | D18965*E18959 | | 0.034714 | $0.00 |
| 18966 | Uncollectible | D18966*E18959 | | 0.000401 | $0.00 |
| 18967 | Accounting & Finance Expense | D18967*E18959 | | 0.008839 | $0.00 |
| 18968 | Human Resources Expense | D18968*E18959 | | 0.008145 | $0.00 |
| 18969 | Information Management Expense | D18969*E18959 | | 0.057009 | $0.00 |
| 18970 | Intangibles | D18970*E18959 | | 0.002091 | $0.00 |
| 18971 | ***Directly Attributed Costs*** | Sum(E18962:E18970) | | | $0.01 |
| 18972 | | | | | |
| 18973 | ***TELRIC*** | E18962+E18971 | | | $0.08 |
| 18974 | | | | | |
| 18975 | ***Common*** | | | | |
| 18976 | Executive Expense | D18976*E18973 | | 0.007805 | $0.00 |
| 18977 | Planning Expense | D18977*E18973 | | 0.000580 | $0.00 |
| 18978 | External Relations Expense | D18978*E18973 | | 0.013029 | $0.00 |
| 18979 | Legal Expense | D18979*E18973 | | 0.006148 | $0.00 |
| 18980 | Other Procurement Expense | D18980*E18973 | | 0.002359 | $0.00 |
| 18981 | Research & Development Expense | D18981*E18973 | | 0.000036 | $0.00 |
| 18982 | Other General and Admin Expense | D18982*E18973 | | 0.015212 | $0.00 |
| 18983 | ***Common Costs*** | Sum(E18976:E18982) | | | $0.00 |
| 18984 | | | | | |
| 18985 | ***TELRIC + Common Costs*** | E18973+E18983 | | | $0.08 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MANUAL SCHEDULED TESTING - LOSS (PER MONTH)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. - L40 (monthly cost) | | | | | | | | |
| MANUAL SCHEDULED TESTING - LOSS | | | | | | | | $0.12 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.12** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.12** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANUAL SCHEDULED TESTING - LOSS (PER MONTH) (con't)***

| | | | | |
|---|---|---|---|---|
| 19037 | **Direct Cost** | | | $0.12 |
| 19038 | | | | |
| 19039 | | Cost Calculation | Cost Factor | Cost |
| 19040 | | B | C | D | E |
| 19041 | | | | |
| 19042 | ***Directly Assigned*** | | | |
| 19043 | Product Management Expense | D19043*E19037 | 0.025565 | $0.00 |
| 19044 | Sales Expense | D19044*E19037 | 0.009225 | $0.00 |
| 19045 | Product Advertising Expense | D19045*E19037 | 0.000000 | $0.00 |
| 19046 | Business Fees (Other Operating Taxes) | D19046*Sum(E19037:E19045) | 0.002025 | $0.00 |
| 19047 | ***Directly Assigned Costs*** | Sum(E19037:E19046) | | $0.00 |
| 19048 | | | | |
| 19049 | ***Total Direct Costs*** | E19037+E19047 | | $0.12 |
| 19050 | | | | |
| 19051 | ***Directly Attributed*** | | | |
| 19052 | Network Operations | D19052*E19049 | 0.040880 | $0.01 |
| 19053 | Network Support Assets | D19053*E19049 | 0.015364 | $0.00 |
| 19054 | General Support Assets | D19054*E19049 | 0.069508 | $0.01 |
| 19055 | General Purpose Computers | D19055*E19049 | 0.034714 | $0.00 |
| 19056 | Uncollectible | D19056*E19049 | 0.000401 | $0.00 |
| 19057 | Accounting & Finance Expense | D19057*E19049 | 0.008839 | $0.00 |
| 19058 | Human Resources Expense | D19058*E19049 | 0.008145 | $0.00 |
| 19059 | Information Management Expense | D19059*E19049 | 0.057009 | $0.01 |
| 19060 | Intangibles | D19060*E19049 | 0.002091 | $0.00 |
| 19061 | ***Directly Attributed Costs*** | Sum(E19052:E19060) | | $0.03 |
| 19062 | | | | |
| 19063 | ***TELRIC*** | E19052+E19061 | | $0.15 |
| 19064 | | | | |
| 19065 | ***Common*** | | | |
| 19066 | Executive Expense | D19066*E19063 | 0.007805 | $0.00 |
| 19067 | Planning Expense | D19067*E19063 | 0.000580 | $0.00 |
| 19068 | External Relations Expense | D19068*E19063 | 0.013029 | $0.00 |
| 19069 | Legal Expense | D19069*E19063 | 0.006148 | $0.00 |
| 19070 | Other Procurement Expense | D19070*E19063 | 0.002359 | $0.00 |
| 19071 | Research & Development Expense | D19071*E19063 | 0.000036 | $0.00 |
| 19072 | Other General and Admin Expense | D19072*E19063 | 0.015212 | $0.00 |
| 19073 | ***Common Costs*** | Sum(E19066:E19072) | | $0.01 |
| 19074 | | | | |
| 19075 | ***TELRIC + Common Costs*** | E19063+E19073 | | $0.16 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. - L40 (monthly cost)** | | | | | | | | |
| MANUAL SCHEDULED TESTING - C-MESSAGE NOISE | | | | | | | | $0.12 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.12** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.12** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANUAL SCHEDULED TESTING - C-MESSAGE NOISE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19127 | **Direct Cost** | | | | $0.12 |
| 19128 | | | | | |
| 19129 | | Cost Calculation | | Cost Factor | Cost |
| 19130 | | | | | |
| 19131 | | B | C | D | E |
| 19132 | ***Directly Assigned*** | | | | |
| 19133 | Product Management Expense | D19133*E19127 | | 0.025565 | $0.00 |
| 19134 | Sales Expense | D19134*E19127 | | 0.009225 | $0.00 |
| 19135 | Product Advertising Expense | D19135*E19127 | | 0.000000 | $0.00 |
| 19136 | Business Fees (Other Operating Taxes) | D19136*Sum(E19127:E19135) | | 0.002025 | $0.00 |
| 19137 | ***Directly Assigned Costs*** | Sum(E19127:E19136) | | | $0.00 |
| 19138 | | | | | |
| 19139 | ***Total Direct Costs*** | E19127+E19137 | | | $0.12 |
| 19140 | | | | | |
| 19141 | ***Directly Attributed*** | | | | |
| 19142 | Network Operations | D19142*E19139 | | 0.040880 | $0.01 |
| 19143 | Network Support Assets | D19143*E19139 | | 0.015364 | $0.00 |
| 19144 | General Support Assets | D19144*E19139 | | 0.069508 | $0.01 |
| 19145 | General Purpose Computers | D19145*E19139 | | 0.034714 | $0.00 |
| 19146 | Uncollectible | D19146*E19139 | | 0.000401 | $0.00 |
| 19147 | Accounting & Finance Expense | D19147*E19139 | | 0.008839 | $0.00 |
| 19148 | Human Resources Expense | D19148*E19139 | | 0.008145 | $0.00 |
| 19149 | Information Management Expense | D19149*E19139 | | 0.057009 | $0.01 |
| 19150 | Intangibles | D19150*E19139 | | 0.002091 | $0.00 |
| 19151 | ***Directly Attributed Costs*** | Sum(E19142:E19150) | | | $0.03 |
| 19152 | | | | | |
| 19153 | ***TELRIC*** | E19142+E19151 | | | $0.15 |
| 19154 | | | | | |
| 19155 | ***Common*** | | | | |
| 19156 | Executive Expense | D19156*E19153 | | 0.007805 | $0.00 |
| 19157 | Planning Expense | D19157*E19153 | | 0.000580 | $0.00 |
| 19158 | External Relations Expense | D19158*E19153 | | 0.013029 | $0.00 |
| 19159 | Legal Expense | D19159*E19153 | | 0.006148 | $0.00 |
| 19160 | Other Procurement Expense | D19160*E19153 | | 0.002359 | $0.00 |
| 19161 | Research & Development Expense | D19161*E19153 | | 0.000036 | $0.00 |
| 19162 | Other General and Admin Expense | D19162*E19153 | | 0.015212 | $0.00 |
| 19163 | ***Common Costs*** | Sum(E19156:E19162) | | | $0.01 |
| 19164 | | | | | |
| 19165 | ***TELRIC + Common Costs*** | E19153+E19163 | | | $0.16 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MANUAL SCHEDULED TESTING - BALANCE (PER MONTH)*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -C.O. MTCE. - L40 (monthly cost) | | | | | | | | |
| MANUAL SCHEDULED TESTING - BALANCE | | | | | | | | $0.48 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.48** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.48** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***MANUAL SCHEDULED TESTING - BALANCE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19217 | **Direct Cost** | | | | $0.48 |
| 19218 | | | | | |
| 19219 | | Cost Calculation | | Cost Factor | Cost |
| 19220 | | B | C | D | E |
| 19221 | | | | | |
| 19222 | ***Directly Assigned*** | | | | |
| 19223 | Product Management Expense | D19223*E19217 | | 0.025565 | $0.01 |
| 19224 | Sales Expense | D19224*E19217 | | 0.009225 | $0.00 |
| 19225 | Product Advertising Expense | D19225*E19217 | | 0.000000 | $0.00 |
| 19226 | Business Fees (Other Operating Taxes) | D19226*Sum(E19217:E19225) | | 0.002025 | $0.00 |
| 19227 | ***Directly Assigned Costs*** | Sum(E19217:E19226) | | | $0.02 |
| 19228 | | | | | |
| 19229 | ***Total Direct Costs*** | E19217+E19227 | | | $0.50 |
| 19230 | | | | | |
| 19231 | ***Directly Attributed*** | | | | |
| 19232 | Network Operations | D19232*E19229 | | 0.040880 | $0.02 |
| 19233 | Network Support Assets | D19233*E19229 | | 0.015364 | $0.01 |
| 19234 | General Support Assets | D19234*E19229 | | 0.069508 | $0.03 |
| 19235 | General Purpose Computers | D19235*E19229 | | 0.034714 | $0.02 |
| 19236 | Uncollectible | D19236*E19229 | | 0.000401 | $0.00 |
| 19237 | Accounting & Finance Expense | D19237*E19229 | | 0.008839 | $0.00 |
| 19238 | Human Resources Expense | D19238*E19229 | | 0.008145 | $0.00 |
| 19239 | Information Management Expense | D19239*E19229 | | 0.057009 | $0.03 |
| 19240 | Intangibles | D19240*E19229 | | 0.002091 | $0.00 |
| 19241 | ***Directly Attributed Costs*** | Sum(E19232:E19240) | | | $0.12 |
| 19242 | | | | | |
| 19243 | ***TELRIC*** | E19232+E19241 | | | $0.62 |
| 19244 | | | | | |
| 19245 | ***Common*** | | | | |
| 19246 | Executive Expense | D19246*E19243 | | 0.007805 | $0.00 |
| 19247 | Planning Expense | D19247*E19243 | | 0.000580 | $0.00 |
| 19248 | External Relations Expense | D19248*E19243 | | 0.013029 | $0.01 |
| 19249 | Legal Expense | D19249*E19243 | | 0.006148 | $0.00 |
| 19250 | Other Procurement Expense | D19250*E19243 | | 0.002359 | $0.00 |
| 19251 | Research & Development Expense | D19251*E19243 | | 0.000036 | $0.00 |
| 19252 | Other General and Admin Expense | D19252*E19243 | | 0.015212 | $0.01 |
| 19253 | ***Common Costs*** | Sum(E19246:E19252) | | | $0.03 |
| 19254 | | | | | |
| 19255 | ***TELRIC + Common Costs*** | E19243+E19253 | | | $0.64 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH)***

*ADD*

-C.O. MTCE. - L40 (monthly cost)

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| MANUAL SCHEDULED TESTING - GAIN SLOPE | | | | | | | | $0.12 |
| *Subtotal - C.O. MTCE. - L40 (monthly cost)* | | | | | | 0.00 | | $0.12 |
| *Total For Service:* | | | | | | 0.00 | | $0.12 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANUAL SCHEDULED TESTING - GAIN SLOPE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19307 | **Direct Cost** | | | | $0.12 |
| 19308 | | | | | |
| 19309 | | Cost Calculation | | Cost Factor | Cost |
| 19310 | | B | C | D | E |
| 19311 | | | | | |
| 19312 | ***Directly Assigned*** | | | | |
| 19313 | Product Management Expense | D19313*E19307 | | 0.025565 | $0.00 |
| 19314 | Sales Expense | D19314*E19307 | | 0.009225 | $0.00 |
| 19315 | Product Advertising Expense | D19315*E19307 | | 0.000000 | $0.00 |
| 19316 | Business Fees (Other Operating Taxes) | D19316*Sum(E19307:E19315) | | 0.002025 | $0.00 |
| 19317 | ***Directly Assigned Costs*** | Sum(E19307:E19316) | | | $0.00 |
| 19318 | | | | | |
| 19319 | ***Total Direct Costs*** | E19307+E19317 | | | $0.12 |
| 19320 | | | | | |
| 19321 | ***Directly Attributed*** | | | | |
| 19322 | Network Operations | D19322*E19319 | | 0.040880 | $0.01 |
| 19323 | Network Support Assets | D19323*E19319 | | 0.015364 | $0.00 |
| 19324 | General Support Assets | D19324*E19319 | | 0.069508 | $0.01 |
| 19325 | General Purpose Computers | D19325*E19319 | | 0.034714 | $0.00 |
| 19326 | Uncollectible | D19326*E19319 | | 0.000401 | $0.00 |
| 19327 | Accounting & Finance Expense | D19327*E19319 | | 0.008839 | $0.00 |
| 19328 | Human Resources Expense | D19328*E19319 | | 0.008145 | $0.00 |
| 19329 | Information Management Expense | D19329*E19319 | | 0.057009 | $0.01 |
| 19330 | Intangibles | D19330*E19319 | | 0.002091 | $0.00 |
| 19331 | ***Directly Attributed Costs*** | Sum(E19322:E19330) | | | $0.03 |
| 19332 | | | | | |
| 19333 | ***TELRIC*** | E19322+E19331 | | | $0.15 |
| 19334 | | | | | |
| 19335 | ***Common*** | | | | |
| 19336 | Executive Expense | D19336*E19333 | | 0.007805 | $0.00 |
| 19337 | Planning Expense | D19337*E19333 | | 0.000580 | $0.00 |
| 19338 | External Relations Expense | D19338*E19333 | | 0.013029 | $0.00 |
| 19339 | Legal Expense | D19339*E19333 | | 0.006148 | $0.00 |
| 19340 | Other Procurement Expense | D19340*E19333 | | 0.002359 | $0.00 |
| 19341 | Research & Development Expense | D19341*E19333 | | 0.000036 | $0.00 |
| 19342 | Other General and Admin Expense | D19342*E19333 | | 0.015212 | $0.00 |
| 19343 | ***Common Costs*** | Sum(E19336:E19342) | | | $0.01 |
| 19344 | | | | | |
| 19345 | ***TELRIC + Common Costs*** | E19333+E19343 | | | $0.16 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH)*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-C.O. MTCE. - L40 (monthly cost)** | | | | | | | | |
| MANUAL SCHEDULED TESTING - C-NOTCHED NOISE | | | | | | | | $0.12 |
| ***Subtotal - C.O. MTCE. - L40 (monthly cost)*** | | | | | | **0.00** | | **$0.12** |
| ***Total For Service:*** | | | | | | **0.00** | | **$0.12** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANUAL SCHEDULED TESTING - C-NOTCHED NOISE (PER MONTH) (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19397 | **Direct Cost** | | | | $0.12 |
| 19398 | | | | | |
| 19399 | | Cost Calculation | | Cost Factor | Cost |
| 19400 | | B | C | D | E |
| 19401 | | | | | |
| 19402 | ***Directly Assigned*** | | | | |
| 19403 | Product Management Expense | D19403*E19397 | | 0.025565 | $0.00 |
| 19404 | Sales Expense | D19404*E19397 | | 0.009225 | $0.00 |
| 19405 | Product Advertising Expense | D19405*E19397 | | 0.000000 | $0.00 |
| 19406 | Business Fees (Other Operating Taxes) | D19406*Sum(E19397:E19405) | | 0.002025 | $0.00 |
| 19407 | ***Directly Assigned Costs*** | Sum(E19397:E19406) | | | $0.00 |
| 19408 | | | | | |
| 19409 | ***Total Direct Costs*** | E19397+E19407 | | | $0.12 |
| 19410 | | | | | |
| 19411 | ***Directly Attributed*** | | | | |
| 19412 | Network Operations | D19412*E19409 | | 0.040880 | $0.01 |
| 19413 | Network Support Assets | D19413*E19409 | | 0.015364 | $0.00 |
| 19414 | General Support Assets | D19414*E19409 | | 0.069508 | $0.01 |
| 19415 | General Purpose Computers | D19415*E19409 | | 0.034714 | $0.00 |
| 19416 | Uncollectible | D19416*E19409 | | 0.000401 | $0.00 |
| 19417 | Accounting & Finance Expense | D19417*E19409 | | 0.008839 | $0.00 |
| 19418 | Human Resources Expense | D19418*E19409 | | 0.008145 | $0.00 |
| 19419 | Information Management Expense | D19419*E19409 | | 0.057009 | $0.01 |
| 19420 | Intangibles | D19420*E19409 | | 0.002091 | $0.00 |
| 19421 | ***Directly Attributed Costs*** | Sum(E19412:E19420) | | | $0.03 |
| 19422 | | | | | |
| 19423 | ***TELRIC*** | E19412+E19421 | | | $0.15 |
| 19424 | | | | | |
| 19425 | ***Common*** | | | | |
| 19426 | Executive Expense | D19426*E19423 | | 0.007805 | $0.00 |
| 19427 | Planning Expense | D19427*E19423 | | 0.000580 | $0.00 |
| 19428 | External Relations Expense | D19428*E19423 | | 0.013029 | $0.00 |
| 19429 | Legal Expense | D19429*E19423 | | 0.006148 | $0.00 |
| 19430 | Other Procurement Expense | D19430*E19423 | | 0.002359 | $0.00 |
| 19431 | Research & Development Expense | D19431*E19423 | | 0.000036 | $0.00 |
| 19432 | Other General and Admin Expense | D19432*E19423 | | 0.015212 | $0.00 |
| 19433 | ***Common Costs*** | Sum(E19426:E19432) | | | $0.01 |
| 19434 | | | | | |
| 19435 | ***TELRIC + Common Costs*** | E19423+E19433 | | | $0.16 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***ADDITIONAL DISPATCH CHARGE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VALIDATE EXACT | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| SUPP GCOCMA CALL DESIGN | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| FOC - EXACT | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL HANDLING FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORDER DIST TRK - ORDER VAL. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE SOAC/TIRKS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORDER COMPLETE VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **11.25** | | **$7.51** |
| -LRAC | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **10.00** | | **$6.30** |
| -INSTALL | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| LOCATE CUST CONTACT | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| DISCUSS ORDER WITH CUST | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| INFORM CENTER OF CNR | 5 | 1.000 | | | | 5.00 | $42.68 | $3.56 |
| WAIT FOR CENTER VERIFICATION | 10 | 1.000 | | | | 10.00 | $42.68 | $7.11 |
| ***Subtotal - INSTALL*** | | | | | | **51.00** | | **$36.28** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |
| ATTEMPT ACCESS WITH CUST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **87.25** | | **$61.03** |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |

***ADDITIONAL DISPATCH CHARGE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 19487 | **Direct Cost** | | | $61.03 |
| 19488 | | | | |
| 19489 | | | | |
| 19490 | | | | |
| 19491 | | | | |
| 19492 | ***Directly Assigned*** | | | |
| 19493 | Product Management Expense | D19493*E19487 | 0.025565 | $1.56 |
| 19494 | Sales Expense | D19494*E19487 | 0.009225 | $0.56 |
| 19495 | Product Advertising Expense | D19495*E19487 | 0.000000 | $0.00 |
| 19496 | Business Fees (Other Operating Taxes) | D19496*Sum(E19487:E19495) | 0.002025 | $0.13 |
| 19497 | ***Directly Assigned Costs*** | Sum(E19487:E19496) | | $2.25 |
| 19498 | | | | |
| 19499 | ***Total Direct Costs*** | E19487+E19497 | | $63.28 |
| 19500 | | | | |
| 19501 | ***Directly Attributed*** | | | |
| 19502 | Network Operations | D19502*E19499 | 0.040880 | $2.59 |
| 19503 | Network Support Assets | D19503*E19499 | 0.015364 | $0.97 |
| 19504 | General Support Assets | D19504*E19499 | 0.069508 | $4.40 |
| 19505 | General Purpose Computers | D19505*E19499 | 0.034714 | $2.20 |
| 19506 | Uncollectible | D19506*E19499 | 0.000401 | $0.03 |
| 19507 | Accounting & Finance Expense | D19507*E19499 | 0.008839 | $0.56 |
| 19508 | Human Resources Expense | D19508*E19499 | 0.008145 | $0.52 |
| 19509 | Information Management Expense | D19509*E19499 | 0.057009 | $3.61 |
| 19510 | Intangibles | D19510*E19499 | 0.002091 | $0.13 |
| 19511 | ***Directly Attributed Costs*** | Sum(E19502:E19510) | | $15.00 |
| 19512 | | | | |
| 19513 | ***TELRIC*** | E19502+E19511 | | $78.28 |
| 19514 | | | | |
| 19515 | ***Common*** | | | |
| 19516 | Executive Expense | D19516*E19513 | 0.007805 | $0.61 |
| 19517 | Planning Expense | D19517*E19513 | 0.000580 | $0.05 |
| 19518 | External Relations Expense | D19518*E19513 | 0.013029 | $1.02 |
| 19519 | Legal Expense | D19519*E19513 | 0.006148 | $0.48 |
| 19520 | Other Procurement Expense | D19520*E19513 | 0.002359 | $0.18 |
| 19521 | Research & Development Expense | D19521*E19513 | 0.000036 | $0.00 |
| 19522 | Other General and Admin Expense | D19522*E19513 | 0.015212 | $1.19 |
| 19523 | ***Common Costs*** | Sum(E19516:E19522) | | $3.54 |
| 19524 | | | | |
| 19525 | ***TELRIC + Common Costs*** | E19513+E19523 | | $81.82 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DATE CHANGE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| VALIDATE EXACT | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| INTRA-CO CALLS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| SUPP GCOCMA CALL DESIGN | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| FOC - EXACT | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL HANDLING FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORDER DIST TRK - ORDER VAL. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE SOAC/TIRKS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORDER COMPLETE VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **11.25** | | **$7.51** |
| ***Total For Service:*** | | | | | | **11.25** | | **$7.51** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DATE CHANGE (con't)***

| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| 19577 | **Direct Cost** | | | | | | | | $7.51 |
| 19578 | | | | | | | | | |
| 19579 | | | | | | | | | |
| 19580 | | | | | | | | | |
| 19581 | | | | | | | | | |
| 19582 | ***Directly Assigned*** | | | | | | | | |
| 19583 | Product Management Expense | | | | | | | | |
| 19584 | Sales Expense | | | | | | | | |
| 19585 | Product Advertising Expense | | | | | | | | |
| 19586 | Business Fees (Other Operating Taxes) | | | | | | | | |
| 19587 | ***Directly Assigned Costs*** | | | | | | | | |
| 19588 | | | | | | | | | |
| 19589 | ***Total Direct Costs*** | | | | | | | | |
| 19590 | | | | | | | | | |
| 19591 | ***Directly Attributed*** | | | | | | | | |
| 19592 | Network Operations | | | | | | | | |
| 19593 | Network Support Assets | | | | | | | | |
| 19594 | General Support Assets | | | | | | | | |
| 19595 | General Purpose Computers | | | | | | | | |
| 19596 | Uncollectible | | | | | | | | |
| 19597 | Accounting & Finance Expense | | | | | | | | |
| 19598 | Human Resources Expense | | | | | | | | |
| 19599 | Information Management Expense | | | | | | | | |
| 19600 | Intangibles | | | | | | | | |
| 19601 | ***Directly Attributed Costs*** | | | | | | | | |
| 19602 | | | | | | | | | |
| 19603 | ***TELRIC*** | | | | | | | | |
| 19604 | | | | | | | | | |
| 19605 | ***Common*** | | | | | | | | |
| 19606 | Executive Expense | | | | | | | | |
| 19607 | Planning Expense | | | | | | | | |
| 19608 | External Relations Expense | | | | | | | | |
| 19609 | Legal Expense | | | | | | | | |
| 19610 | Other Procurement Expense | | | | | | | | |
| 19611 | Research & Development Expense | | | | | | | | |
| 19612 | Other General and Admin Expense | | | | | | | | |
| 19613 | ***Common Costs*** | | | | | | | | |
| 19614 | | | | | | | | | |
| 19615 | ***TELRIC + Common Costs*** | | | | | | | | |

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B C | D | E |
| 19582 | ***Directly Assigned*** | | | |
| 19583 | Product Management Expense | D19583*E19577 | 0.025565 | $0.19 |
| 19584 | Sales Expense | D19584*E19577 | 0.009225 | $0.07 |
| 19585 | Product Advertising Expense | D19585*E19577 | 0.000000 | $0.00 |
| 19586 | Business Fees (Other Operating Taxes) | D19586*Sum(E19577:E19585) | 0.002025 | $0.02 |
| 19587 | ***Directly Assigned Costs*** | Sum(E19577:E19586) | | $0.28 |
| 19589 | ***Total Direct Costs*** | E19577+E19587 | | $7.78 |
| 19591 | ***Directly Attributed*** | | | |
| 19592 | Network Operations | D19592*E19589 | 0.040880 | $0.32 |
| 19593 | Network Support Assets | D19593*E19589 | 0.015364 | $0.12 |
| 19594 | General Support Assets | D19594*E19589 | 0.069508 | $0.54 |
| 19595 | General Purpose Computers | D19595*E19589 | 0.034714 | $0.27 |
| 19596 | Uncollectible | D19596*E19589 | 0.000401 | $0.00 |
| 19597 | Accounting & Finance Expense | D19597*E19589 | 0.008839 | $0.07 |
| 19598 | Human Resources Expense | D19598*E19589 | 0.008145 | $0.06 |
| 19599 | Information Management Expense | D19599*E19589 | 0.057009 | $0.44 |
| 19600 | Intangibles | D19600*E19589 | 0.002091 | $0.02 |
| 19601 | ***Directly Attributed Costs*** | Sum(E19592:E19600) | | $1.84 |
| 19603 | ***TELRIC*** | E19592+E19601 | | $9.63 |
| 19605 | ***Common*** | | | |
| 19606 | Executive Expense | D19606*E19603 | 0.007805 | $0.08 |
| 19607 | Planning Expense | D19607*E19603 | 0.000580 | $0.01 |
| 19608 | External Relations Expense | D19608*E19603 | 0.013029 | $0.13 |
| 19609 | Legal Expense | D19609*E19603 | 0.006148 | $0.06 |
| 19610 | Other Procurement Expense | D19610*E19603 | 0.002359 | $0.02 |
| 19611 | Research & Development Expense | D19611*E19603 | 0.000036 | $0.00 |
| 19612 | Other General and Admin Expense | D19612*E19603 | 0.015212 | $0.15 |
| 19613 | ***Common Costs*** | Sum(E19606:E19612) | | $0.43 |
| 19615 | ***TELRIC + Common Costs*** | E19603+E19613 | | $10.06 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DESIGN CHANGE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -SERVICE DELIVERY COORDINATOR | | | | | | | | |
| ***.25 probability applies to tasks associated with non-electronic interface.*** | | | | | | | | |
| ***.75 probability is % asr's for new trunk groups versus trunk group augments.*** | | | | | | | | |
| VALIDATE EXACT | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE TIRKS | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| ASSIGN NEW TSC TGMR/TRDB | 4 | 1.000 | 0.750 | | | 3.00 | $40.03 | $2.00 |
| INTRA-CO CALLS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| SUPP GCOCMA CALL DESIGN | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| FOC - EXACT | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| MANUAL HANDLING FOC/DLR | 5 | 0.250 | | | | 1.25 | $40.03 | $0.83 |
| ORDER DIST TRK - ORDER VAL. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| VALIDATE SOAC/TIRKS | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| ORDER COMPLETE VALIDATION | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| ***Subtotal - SERVICE DELIVERY COORDINATOR*** | | | | | | **19.25** | | **$12.84** |
| -DESIGN | | | | | | | | |
| ***Work is 100% manual.*** | | | | | | | | |
| NAME AND LOG FACILITY | 35 | 1.000 | | | | 35.00 | $44.31 | $25.85 |
| BUILD DRI AND WA | 6 | 1.000 | | | | 6.00 | $44.31 | $4.43 |
| BUILD CIRCUIT DESIGN | 10 | 1.000 | | | | 10.00 | $44.31 | $7.39 |
| CXRH & DISTRIBUTE DOC | 4 | 1.000 | | | | 4.00 | $44.31 | $2.95 |
| ***Subtotal - DESIGN*** | | | | | | **55.00** | | **$40.62** |
| ***Total For Service:*** | | | | | | **74.25** | | **$53.46** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DESIGN CHANGE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19667 | **Direct Cost** | | | | $53.46 |
| 19668 | | | | | |
| 19669 | | Cost Calculation | | Cost Factor | Cost |
| 19670 | | B | C | D | E |
| 19671 | | | | | |
| 19672 | ***Directly Assigned*** | | | | |
| 19673 | Product Management Expense | D19673*E19667 | | 0.025565 | $1.37 |
| 19674 | Sales Expense | D19674*E19667 | | 0.009225 | $0.49 |
| 19675 | Product Advertising Expense | D19675*E19667 | | 0.000000 | $0.00 |
| 19676 | Business Fees (Other Operating Taxes) | D19676*Sum(E19667:E19675) | | 0.002025 | $0.11 |
| 19677 | ***Directly Assigned Costs*** | Sum(E19667:E19676) | | | $1.97 |
| 19678 | | | | | |
| 19679 | ***Total Direct Costs*** | E19667+E19677 | | | $55.43 |
| 19680 | | | | | |
| 19681 | ***Directly Attributed*** | | | | |
| 19682 | Network Operations | D19682*E19679 | | 0.040880 | $2.27 |
| 19683 | Network Support Assets | D19683*E19679 | | 0.015364 | $0.85 |
| 19684 | General Support Assets | D19684*E19679 | | 0.069508 | $3.85 |
| 19685 | General Purpose Computers | D19685*E19679 | | 0.034714 | $1.92 |
| 19686 | Uncollectible | D19686*E19679 | | 0.000401 | $0.02 |
| 19687 | Accounting & Finance Expense | D19687*E19679 | | 0.008839 | $0.49 |
| 19688 | Human Resources Expense | D19688*E19679 | | 0.008145 | $0.45 |
| 19689 | Information Management Expense | D19689*E19679 | | 0.057009 | $3.16 |
| 19690 | Intangibles | D19690*E19679 | | 0.002091 | $0.12 |
| 19691 | ***Directly Attributed Costs*** | Sum(E19682:E19690) | | | $13.13 |
| 19692 | | | | | |
| 19693 | ***TELRIC*** | E19682+E19691 | | | $68.57 |
| 19694 | | | | | |
| 19695 | ***Common*** | | | | |
| 19696 | Executive Expense | D19696*E19693 | | 0.007805 | $0.54 |
| 19697 | Planning Expense | D19697*E19693 | | 0.000580 | $0.04 |
| 19698 | External Relations Expense | D19698*E19693 | | 0.013029 | $0.89 |
| 19699 | Legal Expense | D19699*E19693 | | 0.006148 | $0.42 |
| 19700 | Other Procurement Expense | D19700*E19693 | | 0.002359 | $0.16 |
| 19701 | Research & Development Expense | D19701*E19693 | | 0.000036 | $0.00 |
| 19702 | Other General and Admin Expense | D19702*E19693 | | 0.015212 | $1.04 |
| 19703 | ***Common Costs*** | Sum(E19696:E19702) | | | $3.10 |
| 19704 | | | | | |
| 19705 | ***TELRIC + Common Costs*** | E19693+E19703 | | | $71.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MECHANIZED EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Screen and route to order writer. | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| Type change of Service Provider - 1st line | 10 | 0.050 | | | | 0.50 | $39.16 | $0.33 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.75** | | **$0.49** |
| ***Total For Service:*** | | | | | | **0.75** | | **$0.49** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MECHANIZED EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19757 | **Direct Cost** | | | | $0.49 |
| 19758 | | | | | |
| 19759 | | Cost Calculation | | Cost Factor | Cost |
| 19760 | | B | C | D | E |
| 19761 | | | | | |
| 19762 | ***Directly Assigned*** | | | | |
| 19763 | Product Management Expense | D19763*E19757 | | 0.025565 | $0.01 |
| 19764 | Sales Expense | D19764*E19757 | | 0.009225 | $0.00 |
| 19765 | Product Advertising Expense | D19765*E19757 | | 0.000000 | $0.00 |
| 19766 | Business Fees (Other Operating Taxes) | D19766*Sum(E19757:E19765) | | 0.002025 | $0.00 |
| 19767 | ***Directly Assigned Costs*** | Sum(E19757:E19766) | | | $0.02 |
| 19768 | | | | | |
| 19769 | ***Total Direct Costs*** | E19757+E19767 | | | $0.51 |
| 19770 | | | | | |
| 19771 | ***Directly Attributed*** | | | | |
| 19772 | Network Operations | D19772*E19769 | | 0.040880 | $0.02 |
| 19773 | Network Support Assets | D19773*E19769 | | 0.015364 | $0.01 |
| 19774 | General Support Assets | D19774*E19769 | | 0.069508 | $0.04 |
| 19775 | General Purpose Computers | D19775*E19769 | | 0.034714 | $0.02 |
| 19776 | Uncollectible | D19776*E19769 | | 0.000401 | $0.00 |
| 19777 | Accounting & Finance Expense | D19777*E19769 | | 0.008839 | $0.00 |
| 19778 | Human Resources Expense | D19778*E19769 | | 0.008145 | $0.00 |
| 19779 | Information Management Expense | D19779*E19769 | | 0.057009 | $0.03 |
| 19780 | Intangibles | D19780*E19769 | | 0.002091 | $0.00 |
| 19781 | ***Directly Attributed Costs*** | Sum(E19772:E19780) | | | $0.12 |
| 19782 | | | | | |
| 19783 | ***TELRIC*** | E19772+E19781 | | | $0.63 |
| 19784 | | | | | |
| 19785 | ***Common*** | | | | |
| 19786 | Executive Expense | D19786*E19783 | | 0.007805 | $0.00 |
| 19787 | Planning Expense | D19787*E19783 | | 0.000580 | $0.00 |
| 19788 | External Relations Expense | D19788*E19783 | | 0.013029 | $0.01 |
| 19789 | Legal Expense | D19789*E19783 | | 0.006148 | $0.00 |
| 19790 | Other Procurement Expense | D19790*E19783 | | 0.002359 | $0.00 |
| 19791 | Research & Development Expense | D19791*E19783 | | 0.000036 | $0.00 |
| 19792 | Other General and Admin Expense | D19792*E19783 | | 0.015212 | $0.01 |
| 19793 | ***Common Costs*** | Sum(E19786:E19792) | | | $0.03 |
| 19794 | | | | | |
| 19795 | ***TELRIC + Common Costs*** | E19783+E19793 | | | $0.66 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MECHANIZED EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 0.050 | | | | 0.15 | $39.16 | $0.10 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.15** | | **$0.10** |
| ***Total For Service:*** | | | | | | **0.15** | | **$0.10** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MECHANIZED EXISTING SERVICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 19847 | **Direct Cost** | | | | $0.10 |
| 19848 | | | | | |
| 19849 | | | | | |
| 19850 | | | | | |
| 19851 | | | | | |
| 19852 | ***Directly Assigned*** | | | | |
| 19853 | Product Management Expense | D19853*E19847 | | 0.025565 | $0.00 |
| 19854 | Sales Expense | D19854*E19847 | | 0.009225 | $0.00 |
| 19855 | Product Advertising Expense | D19855*E19847 | | 0.000000 | $0.00 |
| 19856 | Business Fees (Other Operating Taxes) | D19856*Sum(E19847:E19855) | | 0.002025 | $0.00 |
| 19857 | ***Directly Assigned Costs*** | Sum(E19847:E19856) | | | $0.00 |
| 19858 | | | | | |
| 19859 | ***Total Direct Costs*** | E19847+E19857 | | | $0.10 |
| 19860 | | | | | |
| 19861 | ***Directly Attributed*** | | | | |
| 19862 | Network Operations | D19862*E19859 | | 0.040880 | $0.00 |
| 19863 | Network Support Assets | D19863*E19859 | | 0.015364 | $0.00 |
| 19864 | General Support Assets | D19864*E19859 | | 0.069508 | $0.01 |
| 19865 | General Purpose Computers | D19865*E19859 | | 0.034714 | $0.00 |
| 19866 | Uncollectible | D19866*E19859 | | 0.000401 | $0.00 |
| 19867 | Accounting & Finance Expense | D19867*E19859 | | 0.008839 | $0.00 |
| 19868 | Human Resources Expense | D19868*E19859 | | 0.008145 | $0.00 |
| 19869 | Information Management Expense | D19869*E19859 | | 0.057009 | $0.01 |
| 19870 | Intangibles | D19870*E19859 | | 0.002091 | $0.00 |
| 19871 | ***Directly Attributed Costs*** | Sum(E19862:E19870) | | | $0.02 |
| 19872 | | | | | |
| 19873 | ***TELRIC*** | E19862+E19871 | | | $0.13 |
| 19874 | | | | | |
| 19875 | ***Common*** | | | | |
| 19876 | Executive Expense | D19876*E19873 | | 0.007805 | $0.00 |
| 19877 | Planning Expense | D19877*E19873 | | 0.000580 | $0.00 |
| 19878 | External Relations Expense | D19878*E19873 | | 0.013029 | $0.00 |
| 19879 | Legal Expense | D19879*E19873 | | 0.006148 | $0.00 |
| 19880 | Other Procurement Expense | D19880*E19873 | | 0.002359 | $0.00 |
| 19881 | Research & Development Expense | D19881*E19873 | | 0.000036 | $0.00 |
| 19882 | Other General and Admin Expense | D19882*E19873 | | 0.015212 | $0.00 |
| 19883 | ***Common Costs*** | Sum(E19876:E19882) | | | $0.01 |
| 19884 | | | | | |
| 19885 | ***TELRIC + Common Costs*** | E19873+E19883 | | | $0.13 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MANUAL EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive request and send CSR (Customer Service Record) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Receive and screen LSR (Loop Service Request) | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Type change of Service Provider - 1st line | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **18.00** | | **$11.75** |
| ***Total For Service:*** | | | | | | **18.00** | | **$11.75** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS, CENTREX, PAL, ANALOG PBX FIRST MANUAL EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 19937 | **Direct Cost** | | | | $11.75 |
| 19938 | | | | | |
| 19939 | | Cost Calculation | | Cost Factor | Cost |
| 19940 | | B | C | D | E |
| 19941 | | | | | |
| 19942 | ***Directly Assigned*** | | | | |
| 19943 | Product Management Expense | D19943*E19937 | | 0.025565 | $0.30 |
| 19944 | Sales Expense | D19944*E19937 | | 0.009225 | $0.11 |
| 19945 | Product Advertising Expense | D19945*E19937 | | 0.000000 | $0.00 |
| 19946 | Business Fees (Other Operating Taxes) | D19946*Sum(E19937:E19945) | | 0.002025 | $0.02 |
| 19947 | ***Directly Assigned Costs*** | Sum(E19937:E19946) | | | $0.43 |
| 19948 | | | | | |
| 19949 | ***Total Direct Costs*** | E19937+E19947 | | | $12.18 |
| 19950 | | | | | |
| 19951 | ***Directly Attributed*** | | | | |
| 19952 | Network Operations | D19952*E19949 | | 0.040880 | $0.50 |
| 19953 | Network Support Assets | D19953*E19949 | | 0.015364 | $0.19 |
| 19954 | General Support Assets | D19954*E19949 | | 0.069508 | $0.85 |
| 19955 | General Purpose Computers | D19955*E19949 | | 0.034714 | $0.42 |
| 19956 | Uncollectible | D19956*E19949 | | 0.000401 | $0.00 |
| 19957 | Accounting & Finance Expense | D19957*E19949 | | 0.008839 | $0.11 |
| 19958 | Human Resources Expense | D19958*E19949 | | 0.008145 | $0.10 |
| 19959 | Information Management Expense | D19959*E19949 | | 0.057009 | $0.69 |
| 19960 | Intangibles | D19960*E19949 | | 0.002091 | $0.03 |
| 19961 | ***Directly Attributed Costs*** | Sum(E19952:E19960) | | | $2.89 |
| 19962 | | | | | |
| 19963 | ***TELRIC*** | E19952+E19961 | | | $15.07 |
| 19964 | | | | | |
| 19965 | ***Common*** | | | | |
| 19966 | Executive Expense | D19966*E19963 | | 0.007805 | $0.12 |
| 19967 | Planning Expense | D19967*E19963 | | 0.000580 | $0.01 |
| 19968 | External Relations Expense | D19968*E19963 | | 0.013029 | $0.20 |
| 19969 | Legal Expense | D19969*E19963 | | 0.006148 | $0.09 |
| 19970 | Other Procurement Expense | D19970*E19963 | | 0.002359 | $0.04 |
| 19971 | Research & Development Expense | D19971*E19963 | | 0.000036 | $0.00 |
| 19972 | Other General and Admin Expense | D19972*E19963 | | 0.015212 | $0.23 |
| 19973 | ***Common Costs*** | Sum(E19966:E19972) | | | $0.68 |
| 19974 | | | | | |
| 19975 | ***TELRIC + Common Costs*** | E19963+E19973 | | | $15.75 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MANUAL EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$1.96** |
| ***Total For Service:*** | | | | | | **3.00** | | **$1.96** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS, CENTREX, PAL, ANALOG PBX EA ADDL MANUAL EXISTING SERVICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 20027 | **Direct Cost** | | | $1.96 |
| 20028 | | | | |
| 20029 | | | | |
| 20030 | | | | |
| 20031 | | | | |
| 20032 | ***Directly Assigned*** | | | |
| 20033 | Product Management Expense | D20033*E20027 | 0.025565 | $0.05 |
| 20034 | Sales Expense | D20034*E20027 | 0.009225 | $0.02 |
| 20035 | Product Advertising Expense | D20035*E20027 | 0.000000 | $0.00 |
| 20036 | Business Fees (Other Operating Taxes) | D20036*Sum(E20027:E20035) | 0.002025 | $0.00 |
| 20037 | ***Directly Assigned Costs*** | Sum(E20027:E20036) | | $0.07 |
| 20038 | | | | |
| 20039 | ***Total Direct Costs*** | E20027+E20037 | | $2.03 |
| 20040 | | | | |
| 20041 | ***Directly Attributed*** | | | |
| 20042 | Network Operations | D20042*E20039 | 0.040880 | $0.08 |
| 20043 | Network Support Assets | D20043*E20039 | 0.015364 | $0.03 |
| 20044 | General Support Assets | D20044*E20039 | 0.069508 | $0.14 |
| 20045 | General Purpose Computers | D20045*E20039 | 0.034714 | $0.07 |
| 20046 | Uncollectible | D20046*E20039 | 0.000401 | $0.00 |
| 20047 | Accounting & Finance Expense | D20047*E20039 | 0.008839 | $0.02 |
| 20048 | Human Resources Expense | D20048*E20039 | 0.008145 | $0.02 |
| 20049 | Information Management Expense | D20049*E20039 | 0.057009 | $0.12 |
| 20050 | Intangibles | D20050*E20039 | 0.002091 | $0.00 |
| 20051 | ***Directly Attributed Costs*** | Sum(E20042:E20050) | | $0.48 |
| 20052 | | | | |
| 20053 | ***TELRIC*** | E20042+E20051 | | $2.51 |
| 20054 | | | | |
| 20055 | ***Common*** | | | |
| 20056 | Executive Expense | D20056*E20053 | 0.007805 | $0.02 |
| 20057 | Planning Expense | D20057*E20053 | 0.000580 | $0.00 |
| 20058 | External Relations Expense | D20058*E20053 | 0.013029 | $0.03 |
| 20059 | Legal Expense | D20059*E20053 | 0.006148 | $0.02 |
| 20060 | Other Procurement Expense | D20060*E20053 | 0.002359 | $0.01 |
| 20061 | Research & Development Expense | D20061*E20053 | 0.000036 | $0.00 |
| 20062 | Other General and Admin Expense | D20062*E20053 | 0.015212 | $0.04 |
| 20063 | ***Common Costs*** | Sum(E20056:E20062) | | $0.11 |
| 20064 | | | | |
| 20065 | ***TELRIC + Common Costs*** | E20053+E20063 | | $2.62 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P PBX DID TRUNKS EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.5 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Verify Qwest end user Customer Service Record if order issuance applicable to this product | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| If directory advertising or retail contract or both, issue order to remove information from account | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **26.50** | | **$17.68** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **26.85** | | **$17.94** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P PBX DID TRUNKS EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20117 | **Direct Cost** | | | | $17.94 |
| 20118 | | | | | |
| 20119 | | Cost Calculation | | Cost Factor | Cost |
| 20120 | | B | C | D | E |
| 20121 | | | | | |
| 20122 | ***Directly Assigned*** | | | | |
| 20123 | Product Management Expense | D20123*E20117 | | 0.025565 | $0.46 |
| 20124 | Sales Expense | D20124*E20117 | | 0.009225 | $0.17 |
| 20125 | Product Advertising Expense | D20125*E20117 | | 0.000000 | $0.00 |
| 20126 | Business Fees (Other Operating Taxes) | D20126*Sum(E20117:E20125) | | 0.002025 | $0.04 |
| 20127 | ***Directly Assigned Costs*** | Sum(E20117:E20126) | | | $0.66 |
| 20128 | | | | | |
| 20129 | ***Total Direct Costs*** | E20117+E20127 | | | $18.60 |
| 20130 | | | | | |
| 20131 | ***Directly Attributed*** | | | | |
| 20132 | Network Operations | D20132*E20129 | | 0.040880 | $0.76 |
| 20133 | Network Support Assets | D20133*E20129 | | 0.015364 | $0.29 |
| 20134 | General Support Assets | D20134*E20129 | | 0.069508 | $1.29 |
| 20135 | General Purpose Computers | D20135*E20129 | | 0.034714 | $0.65 |
| 20136 | Uncollectible | D20136*E20129 | | 0.000401 | $0.01 |
| 20137 | Accounting & Finance Expense | D20137*E20129 | | 0.008839 | $0.16 |
| 20138 | Human Resources Expense | D20138*E20129 | | 0.008145 | $0.15 |
| 20139 | Information Management Expense | D20139*E20129 | | 0.057009 | $1.06 |
| 20140 | Intangibles | D20140*E20129 | | 0.002091 | $0.04 |
| 20141 | ***Directly Attributed Costs*** | Sum(E20132:E20140) | | | $4.41 |
| 20142 | | | | | |
| 20143 | ***TELRIC*** | E20132+E20141 | | | $23.01 |
| 20144 | | | | | |
| 20145 | ***Common*** | | | | |
| 20146 | Executive Expense | D20146*E20143 | | 0.007805 | $0.18 |
| 20147 | Planning Expense | D20147*E20143 | | 0.000580 | $0.01 |
| 20148 | External Relations Expense | D20148*E20143 | | 0.013029 | $0.30 |
| 20149 | Legal Expense | D20149*E20143 | | 0.006148 | $0.14 |
| 20150 | Other Procurement Expense | D20150*E20143 | | 0.002359 | $0.05 |
| 20151 | Research & Development Expense | D20151*E20143 | | 0.000036 | $0.00 |
| 20152 | Other General and Admin Expense | D20152*E20143 | | 0.015212 | $0.35 |
| 20153 | ***Common Costs*** | Sum(E20146:E20152) | | | $1.04 |
| 20154 | | | | | |
| 20155 | ***TELRIC + Common Costs*** | E20143+E20153 | | | $24.05 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| Input order into service order processor. Type and format order for billing and provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$2.00** |
| -DESIGN | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **3.35** | | **$2.26** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P PBX DID TRUNKS EXISTING SERVICE EACH ADDL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20207 | **Direct Cost** | | | 1 | $2.26 |
| 20208 | | | | | |
| 20209 | | Cost Calculation | | Cost Factor | Cost |
| 20210 | | B | | C | D | E |
| 20211 | | | | | |
| 20212 | ***Directly Assigned*** | | | | |
| 20213 | Product Management Expense | D20213*E20207 | | 0.025565 | $0.06 |
| 20214 | Sales Expense | D20214*E20207 | | 0.009225 | $0.02 |
| 20215 | Product Advertising Expense | D20215*E20207 | | 0.000000 | $0.00 |
| 20216 | Business Fees (Other Operating Taxes) | D20216*Sum(E20207:E20215) | | 0.002025 | $0.00 |
| 20217 | ***Directly Assigned Costs*** | Sum(E20207:E20216) | | | $0.08 |
| 20218 | | | | | |
| 20219 | ***Total Direct Costs*** | E20207+E20217 | | | $2.34 |
| 20220 | | | | | |
| 20221 | ***Directly Attributed*** | | | | |
| 20222 | Network Operations | D20222*E20219 | | 0.040880 | $0.10 |
| 20223 | Network Support Assets | D20223*E20219 | | 0.015364 | $0.04 |
| 20224 | General Support Assets | D20224*E20219 | | 0.069508 | $0.16 |
| 20225 | General Purpose Computers | D20225*E20219 | | 0.034714 | $0.08 |
| 20226 | Uncollectible | D20226*E20219 | | 0.000401 | $0.00 |
| 20227 | Accounting & Finance Expense | D20227*E20219 | | 0.008839 | $0.02 |
| 20228 | Human Resources Expense | D20228*E20219 | | 0.008145 | $0.02 |
| 20229 | Information Management Expense | D20229*E20219 | | 0.057009 | $0.13 |
| 20230 | Intangibles | D20230*E20219 | | 0.002091 | $0.00 |
| 20231 | ***Directly Attributed Costs*** | Sum(E20222:E20230) | | | $0.56 |
| 20232 | | | | | |
| 20233 | ***TELRIC*** | E20222+E20231 | | | $2.90 |
| 20234 | | | | | |
| 20235 | ***Common*** | | | | |
| 20236 | Executive Expense | D20236*E20233 | | 0.007805 | $0.02 |
| 20237 | Planning Expense | D20237*E20233 | | 0.000580 | $0.00 |
| 20238 | External Relations Expense | D20238*E20233 | | 0.013029 | $0.04 |
| 20239 | Legal Expense | D20239*E20233 | | 0.006148 | $0.02 |
| 20240 | Other Procurement Expense | D20240*E20233 | | 0.002359 | $0.01 |
| 20241 | Research & Development Expense | D20241*E20233 | | 0.000036 | $0.00 |
| 20242 | Other General and Admin Expense | D20242*E20233 | | 0.015212 | $0.04 |
| 20243 | ***Common Costs*** | Sum(E20236:E20242) | | | $0.13 |
| 20244 | | | | | |
| 20245 | ***TELRIC + Common Costs*** | E20233+E20243 | | | $3.03 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P ISDN BRI EXISTING SERVICE FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.5 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Verify Qwest end user Customer Service Record if order issuance applicable to this product | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| If directory advertising or retail contract or both, issue order to remove information from account | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **28.50** | | **$19.01** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **28.85** | | **$19.27** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***UNE-P ISDN BRI EXISTING SERVICE FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 20297 | **Direct Cost** | | | | $19.27 |
| 20298 | | | | | |
| 20299 | | | | | |
| 20300 | | | | | |
| 20301 | | | | | |
| 20302 | ***Directly Assigned*** | | | | |
| 20303 | Product Management Expense | D20303*E20297 | | 0.025565 | $0.49 |
| 20304 | Sales Expense | D20304*E20297 | | 0.009225 | $0.18 |
| 20305 | Product Advertising Expense | D20305*E20297 | | 0.000000 | $0.00 |
| 20306 | Business Fees (Other Operating Taxes) | D20306*Sum(E20297:E20305) | | 0.002025 | $0.04 |
| 20307 | ***Directly Assigned Costs*** | Sum(E20297:E20306) | | | $0.71 |
| 20308 | | | | | |
| 20309 | ***Total Direct Costs*** | E20297+E20307 | | | $19.98 |
| 20310 | | | | | |
| 20311 | ***Directly Attributed*** | | | | |
| 20312 | Network Operations | D20312*E20309 | | 0.040880 | $0.82 |
| 20313 | Network Support Assets | D20313*E20309 | | 0.015364 | $0.31 |
| 20314 | General Support Assets | D20314*E20309 | | 0.069508 | $1.39 |
| 20315 | General Purpose Computers | D20315*E20309 | | 0.034714 | $0.69 |
| 20316 | Uncollectible | D20316*E20309 | | 0.000401 | $0.01 |
| 20317 | Accounting & Finance Expense | D20317*E20309 | | 0.008839 | $0.18 |
| 20318 | Human Resources Expense | D20318*E20309 | | 0.008145 | $0.16 |
| 20319 | Information Management Expense | D20319*E20309 | | 0.057009 | $1.14 |
| 20320 | Intangibles | D20320*E20309 | | 0.002091 | $0.04 |
| 20321 | ***Directly Attributed Costs*** | Sum(E20312:E20320) | | | $4.74 |
| 20322 | | | | | |
| 20323 | ***TELRIC*** | E20312+E20321 | | | $24.72 |
| 20324 | | | | | |
| 20325 | ***Common*** | | | | |
| 20326 | Executive Expense | D20326*E20323 | | 0.007805 | $0.19 |
| 20327 | Planning Expense | D20327*E20323 | | 0.000580 | $0.01 |
| 20328 | External Relations Expense | D20328*E20323 | | 0.013029 | $0.32 |
| 20329 | Legal Expense | D20329*E20323 | | 0.006148 | $0.15 |
| 20330 | Other Procurement Expense | D20330*E20323 | | 0.002359 | $0.06 |
| 20331 | Research & Development Expense | D20331*E20323 | | 0.000036 | $0.00 |
| 20332 | Other General and Admin Expense | D20332*E20323 | | 0.015212 | $0.38 |
| 20333 | ***Common Costs*** | Sum(E20326:E20332) | | | $1.12 |
| 20334 | | | | | |
| 20335 | ***TELRIC + Common Costs*** | E20323+E20333 | | | $25.84 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P ISDN BRI EXISTING SERVICE EACH ADDL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Input order into service order processor. Type and format order for billing and provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$2.00** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **3.35** | | **$2.26** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P ISDN BRI EXISTING SERVICE EACH ADDL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20387 | **Direct Cost** | | | | $2.26 |
| 20388 | | | | | |
| 20389 | | Cost Calculation | | Cost Factor | Cost |
| 20390 | | B | C | D | E |
| 20391 | | | | | |
| 20392 | ***Directly Assigned*** | | | | |
| 20393 | Product Management Expense | D20393*E20387 | | 0.025565 | $0.06 |
| 20394 | Sales Expense | D20394*E20387 | | 0.009225 | $0.02 |
| 20395 | Product Advertising Expense | D20395*E20387 | | 0.000000 | $0.00 |
| 20396 | Business Fees (Other Operating Taxes) | D20396*Sum(E20387:E20395) | | 0.002025 | $0.00 |
| 20397 | ***Directly Assigned Costs*** | Sum(E20387:E20396) | | | $0.08 |
| 20398 | | | | | |
| 20399 | ***Total Direct Costs*** | E20387+E20397 | | | $2.34 |
| 20400 | | | | | |
| 20401 | ***Directly Attributed*** | | | | |
| 20402 | Network Operations | D20402*E20399 | | 0.040880 | $0.10 |
| 20403 | Network Support Assets | D20403*E20399 | | 0.015364 | $0.04 |
| 20404 | General Support Assets | D20404*E20399 | | 0.069508 | $0.16 |
| 20405 | General Purpose Computers | D20405*E20399 | | 0.034714 | $0.08 |
| 20406 | Uncollectible | D20406*E20399 | | 0.000401 | $0.00 |
| 20407 | Accounting & Finance Expense | D20407*E20399 | | 0.008839 | $0.02 |
| 20408 | Human Resources Expense | D20408*E20399 | | 0.008145 | $0.02 |
| 20409 | Information Management Expense | D20409*E20399 | | 0.057009 | $0.13 |
| 20410 | Intangibles | D20410*E20399 | | 0.002091 | $0.00 |
| 20411 | ***Directly Attributed Costs*** | Sum(E20402:E20410) | | | $0.56 |
| 20412 | | | | | |
| 20413 | ***TELRIC*** | E20402+E20411 | | | $2.90 |
| 20414 | | | | | |
| 20415 | ***Common*** | | | | |
| 20416 | Executive Expense | D20416*E20413 | | 0.007805 | $0.02 |
| 20417 | Planning Expense | D20417*E20413 | | 0.000580 | $0.00 |
| 20418 | External Relations Expense | D20418*E20413 | | 0.013029 | $0.04 |
| 20419 | Legal Expense | D20419*E20413 | | 0.006148 | $0.02 |
| 20420 | Other Procurement Expense | D20420*E20413 | | 0.002359 | $0.01 |
| 20421 | Research & Development Expense | D20421*E20413 | | 0.000036 | $0.00 |
| 20422 | Other General and Admin Expense | D20422*E20413 | | 0.015212 | $0.04 |
| 20423 | ***Common Costs*** | Sum(E20416:E20422) | | | $0.13 |
| 20424 | | | | | |
| 20425 | ***TELRIC + Common Costs*** | E20413+E20423 | | | $3.03 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.5 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Verify Qwest end user Customer Service Record if order issuance applicable to this product | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| If directory advertising or retail contract or both, issue order to remove information from account | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **25.50** | | **$17.01** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **25.85** | | **$17.27** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P ISDN PRI, DSS Per DS1 Facility EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20477 | **Direct Cost** | | | | $17.27 |
| 20478 | | | | | |
| 20479 | | Cost Calculation | | Cost Factor | Cost |
| 20480 | | | | | |
| 20481 | | B | C | D | E |
| 20482 | ***Directly Assigned*** | | | | |
| 20483 | Product Management Expense | D20483*E20477 | | 0.025565 | $0.44 |
| 20484 | Sales Expense | D20484*E20477 | | 0.009225 | $0.16 |
| 20485 | Product Advertising Expense | D20485*E20477 | | 0.000000 | $0.00 |
| 20486 | Business Fees (Other Operating Taxes) | D20486*Sum(E20477:E20485) | | 0.002025 | $0.04 |
| 20487 | ***Directly Assigned Costs*** | Sum(E20477:E20486) | | | $0.64 |
| 20488 | | | | | |
| 20489 | ***Total Direct Costs*** | E20477+E20487 | | | $17.91 |
| 20490 | | | | | |
| 20491 | ***Directly Attributed*** | | | | |
| 20492 | Network Operations | D20492*E20489 | | 0.040880 | $0.73 |
| 20493 | Network Support Assets | D20493*E20489 | | 0.015364 | $0.28 |
| 20494 | General Support Assets | D20494*E20489 | | 0.069508 | $1.24 |
| 20495 | General Purpose Computers | D20495*E20489 | | 0.034714 | $0.62 |
| 20496 | Uncollectible | D20496*E20489 | | 0.000401 | $0.01 |
| 20497 | Accounting & Finance Expense | D20497*E20489 | | 0.008839 | $0.16 |
| 20498 | Human Resources Expense | D20498*E20489 | | 0.008145 | $0.15 |
| 20499 | Information Management Expense | D20499*E20489 | | 0.057009 | $1.02 |
| 20500 | Intangibles | D20500*E20489 | | 0.002091 | $0.04 |
| 20501 | ***Directly Attributed Costs*** | Sum(E20492:E20500) | | | $4.24 |
| 20502 | | | | | |
| 20503 | ***TELRIC*** | E20492+E20501 | | | $22.15 |
| 20504 | | | | | |
| 20505 | ***Common*** | | | | |
| 20506 | Executive Expense | D20506*E20503 | | 0.007805 | $0.17 |
| 20507 | Planning Expense | D20507*E20503 | | 0.000580 | $0.01 |
| 20508 | External Relations Expense | D20508*E20503 | | 0.013029 | $0.29 |
| 20509 | Legal Expense | D20509*E20503 | | 0.006148 | $0.14 |
| 20510 | Other Procurement Expense | D20510*E20503 | | 0.002359 | $0.05 |
| 20511 | Research & Development Expense | D20511*E20503 | | 0.000036 | $0.00 |
| 20512 | Other General and Admin Expense | D20512*E20503 | | 0.015212 | $0.34 |
| 20513 | ***Common Costs*** | Sum(E20506:E20512) | | | $1.00 |
| 20514 | | | | | |
| 20515 | ***TELRIC + Common Costs*** | E20503+E20513 | | | $23.15 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.5 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Verify Qwest end user Customer Service Record if order issuance applicable to this product | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest directory advertising | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine if the end user has Qwest retail contract | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| If directory advertising or retail contract or both, issue order to remove information from account | 1 | 0.500 | | | | 0.50 | $40.03 | $0.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **26.50** | | **$17.68** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **26.85** | | **$17.94** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P ISDN PRI, DSS Per First Trunk EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20567 | **Direct Cost** | | | | $17.94 |
| 20568 | | | | | |
| 20569 | | Cost Calculation | | Cost Factor | Cost |
| 20570 | | B | C | D | E |
| 20571 | | | | | |
| 20572 | ***Directly Assigned*** | | | | |
| 20573 | Product Management Expense | D20573*E20567 | | 0.025565 | $0.46 |
| 20574 | Sales Expense | D20574*E20567 | | 0.009225 | $0.17 |
| 20575 | Product Advertising Expense | D20575*E20567 | | 0.000000 | $0.00 |
| 20576 | Business Fees (Other Operating Taxes) | D20576*Sum(E20567:E20575) | | 0.002025 | $0.04 |
| 20577 | ***Directly Assigned Costs*** | Sum(E20567:E20576) | | | $0.66 |
| 20578 | | | | | |
| 20579 | ***Total Direct Costs*** | E20567+E20577 | | | $18.60 |
| 20580 | | | | | |
| 20581 | ***Directly Attributed*** | | | | |
| 20582 | Network Operations | D20582*E20579 | | 0.040880 | $0.76 |
| 20583 | Network Support Assets | D20583*E20579 | | 0.015364 | $0.29 |
| 20584 | General Support Assets | D20584*E20579 | | 0.069508 | $1.29 |
| 20585 | General Purpose Computers | D20585*E20579 | | 0.034714 | $0.65 |
| 20586 | Uncollectible | D20586*E20579 | | 0.000401 | $0.01 |
| 20587 | Accounting & Finance Expense | D20587*E20579 | | 0.008839 | $0.16 |
| 20588 | Human Resources Expense | D20588*E20579 | | 0.008145 | $0.15 |
| 20589 | Information Management Expense | D20589*E20579 | | 0.057009 | $1.06 |
| 20590 | Intangibles | D20590*E20579 | | 0.002091 | $0.04 |
| 20591 | ***Directly Attributed Costs*** | Sum(E20582:E20590) | | | $4.41 |
| 20592 | | | | | |
| 20593 | ***TELRIC*** | E20582+E20591 | | | $23.01 |
| 20594 | | | | | |
| 20595 | ***Common*** | | | | |
| 20596 | Executive Expense | D20596*E20593 | | 0.007805 | $0.18 |
| 20597 | Planning Expense | D20597*E20593 | | 0.000580 | $0.01 |
| 20598 | External Relations Expense | D20598*E20593 | | 0.013029 | $0.30 |
| 20599 | Legal Expense | D20599*E20593 | | 0.006148 | $0.14 |
| 20600 | Other Procurement Expense | D20600*E20593 | | 0.002359 | $0.05 |
| 20601 | Research & Development Expense | D20601*E20593 | | 0.000036 | $0.00 |
| 20602 | Other General and Admin Expense | D20602*E20593 | | 0.015212 | $0.35 |
| 20603 | ***Common Costs*** | Sum(E20596:E20602) | | | $1.04 |
| 20604 | | | | | |
| 20605 | ***TELRIC + Common Costs*** | E20593+E20603 | | | $24.05 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Input order into service order processor. Type and format order for billing and provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$2.00** |
| **-DESIGN** | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **3.35** | | **$2.26** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P ISDN PRI, DSS Per Each Addl Trunk EXISTING SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20657 | **Direct Cost** | | | | $2.26 |
| 20658 | | | | | |
| 20659 | | Cost Calculation | | Cost Factor | Cost |
| 20660 | | B | C | D | E |
| 20661 | | | | | |
| 20662 | ***Directly Assigned*** | | | | |
| 20663 | Product Management Expense | D20663*E20657 | | 0.025565 | $0.06 |
| 20664 | Sales Expense | D20664*E20657 | | 0.009225 | $0.02 |
| 20665 | Product Advertising Expense | D20665*E20657 | | 0.000000 | $0.00 |
| 20666 | Business Fees (Other Operating Taxes) | D20666*Sum(E20657:E20665) | | 0.002025 | $0.00 |
| 20667 | ***Directly Assigned Costs*** | Sum(E20657:E20666) | | | $0.08 |
| 20668 | | | | | |
| 20669 | ***Total Direct Costs*** | E20657+E20667 | | | $2.34 |
| 20670 | | | | | |
| 20671 | ***Directly Attributed*** | | | | |
| 20672 | Network Operations | D20672*E20669 | | 0.040880 | $0.10 |
| 20673 | Network Support Assets | D20673*E20669 | | 0.015364 | $0.04 |
| 20674 | General Support Assets | D20674*E20669 | | 0.069508 | $0.16 |
| 20675 | General Purpose Computers | D20675*E20669 | | 0.034714 | $0.08 |
| 20676 | Uncollectible | D20676*E20669 | | 0.000401 | $0.00 |
| 20677 | Accounting & Finance Expense | D20677*E20669 | | 0.008839 | $0.02 |
| 20678 | Human Resources Expense | D20678*E20669 | | 0.008145 | $0.02 |
| 20679 | Information Management Expense | D20679*E20669 | | 0.057009 | $0.13 |
| 20680 | Intangibles | D20680*E20669 | | 0.002091 | $0.00 |
| 20681 | ***Directly Attributed Costs*** | Sum(E20672:E20680) | | | $0.56 |
| 20682 | | | | | |
| 20683 | ***TELRIC*** | E20672+E20681 | | | $2.90 |
| 20684 | | | | | |
| 20685 | ***Common*** | | | | |
| 20686 | Executive Expense | D20686*E20683 | | 0.007805 | $0.02 |
| 20687 | Planning Expense | D20687*E20683 | | 0.000580 | $0.00 |
| 20688 | External Relations Expense | D20688*E20683 | | 0.013029 | $0.04 |
| 20689 | Legal Expense | D20689*E20683 | | 0.006148 | $0.02 |
| 20690 | Other Procurement Expense | D20690*E20683 | | 0.002359 | $0.01 |
| 20691 | Research & Development Expense | D20691*E20683 | | 0.000036 | $0.00 |
| 20692 | Other General and Admin Expense | D20692*E20683 | | 0.015212 | $0.04 |
| 20693 | ***Common Costs*** | Sum(E20686:E20692) | | | $0.13 |
| 20694 | | | | | |
| 20695 | ***TELRIC + Common Costs*** | E20683+E20693 | | | $3.03 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Screen and route to order writer. | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| Type change of Service Provider - 1st line | 10 | 0.050 | | | | 0.50 | $39.16 | $0.33 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.75** | | **$0.49** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED,INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS*** | | | | | | | | |
| CO PLACE JUMPER(S) | 4 | 0.450 | | | | 1.80 | $43.81 | $1.31 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **1.80** | | **$1.31** |
| **-DISPATCH** | | | | | | | | |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| DISPATCH SERV ORD FOR LINE WRK - RES | 5 | 0.320 | 0.100 | | | 0.16 | $37.78 | $0.10 |
| DISPATCH CLOSEOUT SERV ORD LN - RES | 2 | 0.320 | 0.100 | | | 0.06 | $37.78 | $0.04 |
| DISPATCH COMPLETION TYPE ORD - RES | 2.5 | 0.320 | 0.100 | | | 0.08 | $37.78 | $0.05 |
| DISPATCH SERV ORD FOR LINE WRK - BUS | 5 | 0.710 | 0.900 | | | 3.20 | $37.78 | $2.01 |
| DISPATCH CLOSEOUT SERV ORD LN - BUS | 2 | 0.710 | 0.900 | | | 1.28 | $37.78 | $0.80 |
| DISPATCH COMPLETION TYPE ORD - BUS | 2.5 | 0.710 | 0.900 | | | 1.60 | $37.78 | $1.01 |
| ***Subtotal - DISPATCH*** | | | | | | **6.37** | | **$4.01** |
| **-INSTALLATION & MAINT.** | | | | | | | | |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST TRAVEL TIME RES | 23 | 0.320 | 0.100 | | | 0.74 | $42.68 | $0.52 |
| I&M INST CUST CONTACT RES | 16 | 0.320 | 0.100 | | | 0.51 | $42.68 | $0.36 |
| I&M INST TRAVEL TIME BUS | 21 | 0.710 | 0.900 | | | 13.42 | $42.68 | $9.55 |
| I&M INST CUST CONTACT BUS | 21 | 0.710 | 0.900 | | | 13.42 | $42.68 | $9.55 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE (con't)*** | | | | | | | | |
| ***PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST 1ST X-CONNECT - RES | 13 | 0.280 | 0.100 | | | 0.36 | $42.68 | $0.26 |
| I&M INST 1ST X-CONNECT - BUS | 13 | 0.250 | 0.900 | | | 2.93 | $42.68 | $2.08 |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED*** | | | | | | | | |
| ***PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST RECONNECT 1ST LINE - RES | 24 | 0.320 | 0.500 | 0.100 | | 0.38 | $42.68 | $0.27 |
| I&M INST RECONNECT 1ST LINE - BUS | 24 | 0.710 | 0.500 | 0.900 | | 7.67 | $42.68 | $5.45 |
| I&M INST CLS ORD LN FLD CONNCT RES | 13 | 0.320 | 0.500 | 0.100 | | 0.21 | $42.68 | $0.15 |
| I&M INST CLS ORD LN FLD CONNCT BUS | 14 | 0.710 | 0.500 | 0.900 | | 4.47 | $42.68 | $3.18 |
| ***Subtotal - INSTALLATION & MAINT.*** | | | | | | **44.11** | | **$31.38** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Screen and route to order writer. | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| Type Disconnect | 5 | 0.050 | | | | 0.25 | $39.16 | $0.16 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.50** | | **$0.33** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK,THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS*** | | | | | | | | |
| CO REMOVE JUMPER(S) | 2.3 | 0.260 | | | | 0.60 | $43.81 | $0.44 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **0.60** | | **$0.44** |
| ***Total For Service:*** | | | | | | **57.51** | | **$40.08** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS FIRST LINE MECHANIZED NEW SERVICE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 20792 | **Direct Cost** | | | | $40.08 |
| 20793 | | | | | |
| 20794 | | | | | |
| 20795 | | | | | |
| 20796 | | | | | |
| 20797 | ***Directly Assigned*** | | | | |
| 20798 | Product Management Expense | D20798*E20792 | | 0.025565 | $1.02 |
| 20799 | Sales Expense | D20799*E20792 | | 0.009225 | $0.37 |
| 20800 | Product Advertising Expense | D20800*E20792 | | 0.000000 | $0.00 |
| 20801 | Business Fees (Other Operating Taxes) | D20801*Sum(E20792:E20800) | | 0.002025 | $0.08 |
| 20802 | ***Directly Assigned Costs*** | Sum(E20792:E20801) | | | $1.48 |
| 20803 | | | | | |
| 20804 | ***Total Direct Costs*** | E20792+E20802 | | | $41.56 |
| 20805 | | | | | |
| 20806 | ***Directly Attributed*** | | | | |
| 20807 | Network Operations | D20807*E20804 | | 0.040880 | $1.70 |
| 20808 | Network Support Assets | D20808*E20804 | | 0.015364 | $0.64 |
| 20809 | General Support Assets | D20809*E20804 | | 0.069508 | $2.89 |
| 20810 | General Purpose Computers | D20810*E20804 | | 0.034714 | $1.44 |
| 20811 | Uncollectible | D20811*E20804 | | 0.000401 | $0.02 |
| 20812 | Accounting & Finance Expense | D20812*E20804 | | 0.008839 | $0.37 |
| 20813 | Human Resources Expense | D20813*E20804 | | 0.008145 | $0.34 |
| 20814 | Information Management Expense | D20814*E20804 | | 0.057009 | $2.37 |
| 20815 | Intangibles | D20815*E20804 | | 0.002091 | $0.09 |
| 20816 | ***Directly Attributed Costs*** | Sum(E20807:E20815) | | | $9.85 |
| 20817 | | | | | |
| 20818 | ***TELRIC*** | E20807+E20816 | | | $51.41 |
| 20819 | | | | | |
| 20820 | ***Common*** | | | | |
| 20821 | Executive Expense | D20821*E20818 | | 0.007805 | $0.40 |
| 20822 | Planning Expense | D20822*E20818 | | 0.000580 | $0.03 |
| 20823 | External Relations Expense | D20823*E20818 | | 0.013029 | $0.67 |
| 20824 | Legal Expense | D20824*E20818 | | 0.006148 | $0.32 |
| 20825 | Other Procurement Expense | D20825*E20818 | | 0.002359 | $0.12 |
| 20826 | Research & Development Expense | D20826*E20818 | | 0.000036 | $0.00 |
| 20827 | Other General and Admin Expense | D20827*E20818 | | 0.015212 | $0.78 |
| 20828 | ***Common Costs*** | Sum(E20821:E20827) | | | $2.32 |
| 20829 | | | | | |
| 20830 | ***TELRIC + Common Costs*** | E20818+E20828 | | | $53.73 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Prob 1 (.05) is percent orders that fall out.*** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 0.050 | | | | 0.15 | $39.16 | $0.10 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **0.15** | | **$0.10** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED,INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS*** | | | | | | | | |
| CO PLACE JUMPER(S) | 4 | 0.450 | | | | 1.80 | $43.81 | $1.31 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **1.80** | | **$1.31** |
| **-INSTALLATION & MAINT.** | | | | | | | | |
| ***PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST 1ST X-CONNECT - RES | 10 | 0.280 | 0.100 | | | 0.28 | $42.68 | $0.20 |
| I&M INST 1ST X-CONNECT - BUS | 10 | 0.250 | 0.900 | | | 2.25 | $42.68 | $1.60 |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED*** | | | | | | | | |
| ***PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST RECONNECT 1ST LINE - RES | 24 | 0.320 | 0.500 | 0.100 | | 0.38 | $42.68 | $0.27 |
| I&M INST RECONNECT 1ST LINE - BUS | 24 | 0.710 | 0.500 | 0.900 | | 7.67 | $42.68 | $5.45 |
| ***Subtotal - INSTALLATION & MAINT.*** | | | | | | **10.58** | | **$7.53** |
| ***DISCONNECT*** | | | | | | | | |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE (con't)*** | | | | | | | | |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK,THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS*** | | | | | | | | |
| CO REMOVE JUMPER(S) | 2.3 | 0.260 | | | | 0.60 | $43.81 | $0.44 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **0.60** | | **$0.44** |
| ***Total For Service:*** | | | | | | **16.51** | | **$11.50** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS EA ADDL LINE MECHANIZED NEW SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 20927 | **Direct Cost** | | | | $11.50 |
| 20928 | | | | | |
| 20929 | | Cost Calculation | | Cost Factor | Cost |
| 20930 | | B | C | D | E |
| 20931 | | | | | |
| 20932 | ***Directly Assigned*** | | | | |
| 20933 | Product Management Expense | D20933*E20927 | | 0.025565 | $0.29 |
| 20934 | Sales Expense | D20934*E20927 | | 0.009225 | $0.11 |
| 20935 | Product Advertising Expense | D20935*E20927 | | 0.000000 | $0.00 |
| 20936 | Business Fees (Other Operating Taxes) | D20936*Sum(E20927:E20935) | | 0.002025 | $0.02 |
| 20937 | ***Directly Assigned Costs*** | Sum(E20927:E20936) | | | $0.42 |
| 20938 | | | | | |
| 20939 | ***Total Direct Costs*** | E20927+E20937 | | | $11.93 |
| 20940 | | | | | |
| 20941 | ***Directly Attributed*** | | | | |
| 20942 | Network Operations | D20942*E20939 | | 0.040880 | $0.49 |
| 20943 | Network Support Assets | D20943*E20939 | | 0.015364 | $0.18 |
| 20944 | General Support Assets | D20944*E20939 | | 0.069508 | $0.83 |
| 20945 | General Purpose Computers | D20945*E20939 | | 0.034714 | $0.41 |
| 20946 | Uncollectible | D20946*E20939 | | 0.000401 | $0.00 |
| 20947 | Accounting & Finance Expense | D20947*E20939 | | 0.008839 | $0.11 |
| 20948 | Human Resources Expense | D20948*E20939 | | 0.008145 | $0.10 |
| 20949 | Information Management Expense | D20949*E20939 | | 0.057009 | $0.68 |
| 20950 | Intangibles | D20950*E20939 | | 0.002091 | $0.02 |
| 20951 | ***Directly Attributed Costs*** | Sum(E20942:E20950) | | | $2.83 |
| 20952 | | | | | |
| 20953 | ***TELRIC*** | E20942+E20951 | | | $14.75 |
| 20954 | | | | | |
| 20955 | ***Common*** | | | | |
| 20956 | Executive Expense | D20956*E20953 | | 0.007805 | $0.12 |
| 20957 | Planning Expense | D20957*E20953 | | 0.000580 | $0.01 |
| 20958 | External Relations Expense | D20958*E20953 | | 0.013029 | $0.19 |
| 20959 | Legal Expense | D20959*E20953 | | 0.006148 | $0.09 |
| 20960 | Other Procurement Expense | D20960*E20953 | | 0.002359 | $0.03 |
| 20961 | Research & Development Expense | D20961*E20953 | | 0.000036 | $0.00 |
| 20962 | Other General and Admin Expense | D20962*E20953 | | 0.015212 | $0.22 |
| 20963 | ***Common Costs*** | Sum(E20956:E20962) | | | $0.67 |
| 20964 | | | | | |
| 20965 | ***TELRIC + Common Costs*** | E20953+E20963 | | | $15.42 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS FIRST LINE MANUAL NEW SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Receive request and send CSR (Customer Service Record) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Receive and screen LSR (Loop Service Request) | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Type change of Service Provider - 1st line | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **18.00** | | **$11.75** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED,INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS*** | | | | | | | | |
| CO PLACE JUMPER(S) | 4 | 0.450 | | | | 1.80 | $43.81 | $1.31 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **1.80** | | **$1.31** |
| **-DISPATCH** | | | | | | | | |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| DISPATCH SERV ORD FOR LINE WRK - RES | 5 | 0.320 | 0.100 | | | 0.16 | $37.78 | $0.10 |
| DISPATCH CLOSEOUT SERV ORD LN - RES | 2 | 0.320 | 0.100 | | | 0.06 | $37.78 | $0.04 |
| DISPATCH COMPLETION TYPE ORD - RES | 2.5 | 0.320 | 0.100 | | | 0.08 | $37.78 | $0.05 |
| DISPATCH SERV ORD FOR LINE WRK - BUS | 5 | 0.710 | 0.900 | | | 3.20 | $37.78 | $2.01 |
| DISPATCH CLOSEOUT SERV ORD LN - BUS | 2 | 0.710 | 0.900 | | | 1.28 | $37.78 | $0.80 |
| DISPATCH COMPLETION TYPE ORD - BUS | 2.5 | 0.710 | 0.900 | | | 1.60 | $37.78 | $1.01 |
| ***Subtotal - DISPATCH*** | | | | | | **6.37** | | **$4.01** |
| **-INSTALLATION & MAINT.** | | | | | | | | |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST TRAVEL TIME RES | 23 | 0.320 | 0.100 | | | 0.74 | $42.68 | $0.52 |
| I&M INST CUST CONTACT RES | 16 | 0.320 | 0.100 | | | 0.51 | $42.68 | $0.36 |
| I&M INST TRAVEL TIME BUS | 21 | 0.710 | 0.900 | | | 13.42 | $42.68 | $9.55 |
| I&M INST CUST CONTACT BUS | 21 | 0.710 | 0.900 | | | 13.42 | $42.68 | $9.55 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-P POTS FIRST LINE MANUAL NEW SERVICE (con't)*** | | | | | | | | |
| ***PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST 1ST X-CONNECT - RES | 13 | 0.280 | 0.100 | | | 0.36 | $42.68 | $0.26 |
| I&M INST 1ST X-CONNECT - BUS | 13 | 0.250 | 0.900 | | | 2.93 | $42.68 | $2.08 |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED*** | | | | | | | | |
| ***PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST RECONNECT 1ST LINE - RES | 24 | 0.320 | 0.500 | 0.100 | | 0.38 | $42.68 | $0.27 |
| I&M INST RECONNECT 1ST LINE - BUS | 24 | 0.710 | 0.500 | 0.900 | | 7.67 | $42.68 | $5.45 |
| I&M INST CLS ORD LN FLD CONNCT RES | 13 | 0.320 | 0.500 | 0.100 | | 0.21 | $42.68 | $0.15 |
| I&M INST CLS ORD LN FLD CONNCT BUS | 14 | 0.710 | 0.500 | 0.900 | | 4.47 | $42.68 | $3.18 |
| ***Subtotal - INSTALLATION & MAINT.*** | | | | | | **44.11** | | **$31.38** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***PROCESS FOR DISCONNECT INCLUDES ALL LINES ON THE ORDER.*** | | | | | | | | |
| ***NO INCREMENTAL TIME FOR EACH ADDITIONAL LINE ON AN ORDER.*** | | | | | | | | |
| Receive request and send CSR (Customer Service Record) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| Receive and screen LSR (Loop Service Request) | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| Type change of Service Provider - 1st line | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.00** | | **$8.48** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS*** | | | | | | | | |
| ***NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK,THIS IS THE % OF*** | | | | | | | | |
| ***NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS*** | | | | | | | | |
| CO REMOVE JUMPER(S) | 2.3 | 0.260 | | | | 0.60 | $43.81 | $0.44 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **0.60** | | **$0.44** |
| ***Total For Service:*** | | | | | | **87.26** | | **$59.50** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS FIRST LINE MANUAL NEW SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 21062 | **Direct Cost** | | | | $59.50 |
| 21063 | | | | | |
| 21064 | | Cost Calculation | | Cost Factor | Cost |
| 21065 | | | | | |
| 21066 | | B | C | D | E |
| 21067 | ***Directly Assigned*** | | | | |
| 21068 | Product Management Expense | D21068*E21062 | | 0.025565 | $1.52 |
| 21069 | Sales Expense | D21069*E21062 | | 0.009225 | $0.55 |
| 21070 | Product Advertising Expense | D21070*E21062 | | 0.000000 | $0.00 |
| 21071 | Business Fees (Other Operating Taxes) | D21071*Sum(E21062:E21070) | | 0.002025 | $0.12 |
| 21072 | ***Directly Assigned Costs*** | Sum(E21062:E21071) | | | $2.19 |
| 21073 | | | | | |
| 21074 | ***Total Direct Costs*** | E21062+E21072 | | | $61.69 |
| 21075 | | | | | |
| 21076 | ***Directly Attributed*** | | | | |
| 21077 | Network Operations | D21077*E21074 | | 0.040880 | $2.52 |
| 21078 | Network Support Assets | D21078*E21074 | | 0.015364 | $0.95 |
| 21079 | General Support Assets | D21079*E21074 | | 0.069508 | $4.29 |
| 21080 | General Purpose Computers | D21080*E21074 | | 0.034714 | $2.14 |
| 21081 | Uncollectible | D21081*E21074 | | 0.000401 | $0.02 |
| 21082 | Accounting & Finance Expense | D21082*E21074 | | 0.008839 | $0.55 |
| 21083 | Human Resources Expense | D21083*E21074 | | 0.008145 | $0.50 |
| 21084 | Information Management Expense | D21084*E21074 | | 0.057009 | $3.52 |
| 21085 | Intangibles | D21085*E21074 | | 0.002091 | $0.13 |
| 21086 | ***Directly Attributed Costs*** | Sum(E21077:E21085) | | | $14.62 |
| 21087 | | | | | |
| 21088 | ***TELRIC*** | E21077+E21086 | | | $76.31 |
| 21089 | | | | | |
| 21090 | ***Common*** | | | | |
| 21091 | Executive Expense | D21091*E21088 | | 0.007805 | $0.60 |
| 21092 | Planning Expense | D21092*E21088 | | 0.000580 | $0.04 |
| 21093 | External Relations Expense | D21093*E21088 | | 0.013029 | $0.99 |
| 21094 | Legal Expense | D21094*E21088 | | 0.006148 | $0.47 |
| 21095 | Other Procurement Expense | D21095*E21088 | | 0.002359 | $0.18 |
| 21096 | Research & Development Expense | D21096*E21088 | | 0.000036 | $0.00 |
| 21097 | Other General and Admin Expense | D21097*E21088 | | 0.015212 | $1.16 |
| 21098 | ***Common Costs*** | Sum(E21091:E21097) | | | $3.45 |
| 21099 | | | | | |
| 21100 | ***TELRIC + Common Costs*** | E21088+E21098 | | | $79.76 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Type change of Service Provider - additional line | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **3.00** | | **$1.96** |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED,INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |
| **-CENTRAL OFFICE** | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON INWARD ORDERS*** | | | | | | | | |
| CO PLACE JUMPER(S) | 4 | 0.450 | | | | 1.80 | $43.81 | $1.31 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **1.80** | | **$1.31** |
| **-INSTALLATION & MAINT.** | | | | | | | | |
| ***PROB #1 = % OF TIME XCONNECT AT ACCESS POINT IS REQUIRED*** | | | | | | | | |
| ***PROB #2 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST 1ST X-CONNECT - RES | 10 | 0.280 | 0.100 | | | 0.28 | $42.68 | $0.20 |
| I&M INST 1ST X-CONNECT - BUS | 10 | 0.250 | 0.900 | | | 2.25 | $42.68 | $1.60 |
| ***PROB #1 = % OF ORDERS REQUIRING DISPATCH*** | | | | | | | | |
| ***PROB #2 = % OF TIME LINE CONNECTION IS NOT CAPITALIZED*** | | | | | | | | |
| ***PROB #3 = % RES & BUS ORDERS TO TOTAL ORDERS*** | | | | | | | | |
| I&M INST RECONNECT 1ST LINE - RES | 24 | 0.320 | 0.500 | 0.100 | | 0.38 | $42.68 | $0.27 |
| I&M INST RECONNECT 1ST LINE - BUS | 24 | 0.710 | 0.500 | 0.900 | | 7.67 | $42.68 | $5.45 |
| ***Subtotal - INSTALLATION & MAINT.*** | | | | | | **10.58** | | **$7.53** |
| ***DISCONNECT*** | | | | | | | | |
| **-LOOP PROVISIONING CENTER** | | | | | | | | |
| ***PROB #1 = % OF ORDERS MANUALLY ASSIGNED, INCLUDES ALL ORDERS NOT ASSIGNED IN FACS*** | | | | | | | | |
| AVG CLEARING TIME PER RMA | 11.25 | 0.150 | | | | 1.69 | $37.78 | $1.06 |
| ***Subtotal - LOOP PROVISIONING CENTER*** | | | | | | **1.69** | | **$1.06** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE (con't)*** | | | | | | | | |
| -CENTRAL OFFICE | | | | | | | | |
| ***PROB #1 = % OF LINES REQUIRING JUMPER WORK,THIS IS THE % OF NON-DIP (DEDICATED INSIDE PLANT) ON OUTWARD ORDERS*** | | | | | | | | |
| CO REMOVE JUMPER(S) | 2.3 | 0.260 | | | | 0.60 | $43.81 | $0.44 |
| ***Subtotal - CENTRAL OFFICE*** | | | | | | **0.60** | | **$0.44** |
| ***Total For Service:*** | | | | | | **19.36** | | **$13.36** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-P POTS EA ADDL LINE MANUAL NEW SERVICE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 21197 | **Direct Cost** | | | | $13.36 |
| 21198 | | | | | |
| 21199 | | Cost Calculation | | Cost Factor | Cost |
| 21200 | | B | C | D | E |
| 21201 | | | | | |
| 21202 | ***Directly Assigned*** | | | | |
| 21203 | Product Management Expense | D21203*E21197 | | 0.025565 | $0.34 |
| 21204 | Sales Expense | D21204*E21197 | | 0.009225 | $0.12 |
| 21205 | Product Advertising Expense | D21205*E21197 | | 0.000000 | $0.00 |
| 21206 | Business Fees (Other Operating Taxes) | D21206*Sum(E21197:E21205) | | 0.002025 | $0.03 |
| 21207 | ***Directly Assigned Costs*** | Sum(E21197:E21206) | | | $0.49 |
| 21208 | | | | | |
| 21209 | ***Total Direct Costs*** | E21197+E21207 | | | $13.85 |
| 21210 | | | | | |
| 21211 | ***Directly Attributed*** | | | | |
| 21212 | Network Operations | D21212*E21209 | | 0.040880 | $0.57 |
| 21213 | Network Support Assets | D21213*E21209 | | 0.015364 | $0.21 |
| 21214 | General Support Assets | D21214*E21209 | | 0.069508 | $0.96 |
| 21215 | General Purpose Computers | D21215*E21209 | | 0.034714 | $0.48 |
| 21216 | Uncollectible | D21216*E21209 | | 0.000401 | $0.01 |
| 21217 | Accounting & Finance Expense | D21217*E21209 | | 0.008839 | $0.12 |
| 21218 | Human Resources Expense | D21218*E21209 | | 0.008145 | $0.11 |
| 21219 | Information Management Expense | D21219*E21209 | | 0.057009 | $0.79 |
| 21220 | Intangibles | D21220*E21209 | | 0.002091 | $0.03 |
| 21221 | ***Directly Attributed Costs*** | Sum(E21212:E21220) | | | $3.28 |
| 21222 | | | | | |
| 21223 | ***TELRIC*** | E21212+E21221 | | | $17.14 |
| 21224 | | | | | |
| 21225 | ***Common*** | | | | |
| 21226 | Executive Expense | D21226*E21223 | | 0.007805 | $0.13 |
| 21227 | Planning Expense | D21227*E21223 | | 0.000580 | $0.01 |
| 21228 | External Relations Expense | D21228*E21223 | | 0.013029 | $0.22 |
| 21229 | Legal Expense | D21229*E21223 | | 0.006148 | $0.11 |
| 21230 | Other Procurement Expense | D21230*E21223 | | 0.002359 | $0.04 |
| 21231 | Research & Development Expense | D21231*E21223 | | 0.000036 | $0.00 |
| 21232 | Other General and Admin Expense | D21232*E21223 | | 0.015212 | $0.26 |
| 21233 | ***Common Costs*** | Sum(E21226:E21232) | | | $0.77 |
| 21234 | | | | | |
| 21235 | ***TELRIC + Common Costs*** | E21223+E21233 | | | $17.91 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-C EEL, LMC-MUX PRIVATE LINE DS0/DS1/DS3/OCN/INTERGRATED T1 EXISTING SERVICE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Verify Qwest end user Customer Service Record if order issuance applicable to this product | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine if the end user has Qwest retail contract | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **35.00** | | **$23.35** |
| -DESIGN | | | | | | | | |
| ***Probability is percent of orders that require manual handling.*** | | | | | | | | |
| Access Work Authorization | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| Distribute to field | 3 | 0.050 | | | | 0.15 | $44.31 | $0.11 |
| ***Subtotal - DESIGN*** | | | | | | **0.35** | | **$0.26** |
| ***Total For Service:*** | | | | | | **35.35** | | **$23.61** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-C EEL, LMC-MUX PRIVATE LINE DS0/DS1/DS3/OCN/INTERGRATED T1 EXISTING SERVICE (con't)***

| | | | | |
|---|---|---|---|---|
| 21287 | **Direct Cost** | | | $23.61 |
| 21288 | | | | |
| 21289 | | Cost Calculation | Cost Factor | Cost |
| 21290 | | B | C | D | E |
| 21291 | | | | |
| 21292 | ***Directly Assigned*** | | | |
| 21293 | Product Management Expense | D21293*E21287 | 0.025565 | $0.60 |
| 21294 | Sales Expense | D21294*E21287 | 0.009225 | $0.22 |
| 21295 | Product Advertising Expense | D21295*E21287 | 0.000000 | $0.00 |
| 21296 | Business Fees (Other Operating Taxes) | D21296*Sum(E21287:E21295) | 0.002025 | $0.05 |
| 21297 | ***Directly Assigned Costs*** | Sum(E21287:E21296) | | $0.87 |
| 21298 | | | | |
| 21299 | ***Total Direct Costs*** | E21287+E21297 | | $24.48 |
| 21300 | | | | |
| 21301 | ***Directly Attributed*** | | | |
| 21302 | Network Operations | D21302*E21299 | 0.040880 | $1.00 |
| 21303 | Network Support Assets | D21303*E21299 | 0.015364 | $0.38 |
| 21304 | General Support Assets | D21304*E21299 | 0.069508 | $1.70 |
| 21305 | General Purpose Computers | D21305*E21299 | 0.034714 | $0.85 |
| 21306 | Uncollectible | D21306*E21299 | 0.000401 | $0.01 |
| 21307 | Accounting & Finance Expense | D21307*E21299 | 0.008839 | $0.22 |
| 21308 | Human Resources Expense | D21308*E21299 | 0.008145 | $0.20 |
| 21309 | Information Management Expense | D21309*E21299 | 0.057009 | $1.40 |
| 21310 | Intangibles | D21310*E21299 | 0.002091 | $0.05 |
| 21311 | ***Directly Attributed Costs*** | Sum(E21302:E21310) | | $5.80 |
| 21312 | | | | |
| 21313 | ***TELRIC*** | E21302+E21311 | | $30.28 |
| 21314 | | | | |
| 21315 | ***Common*** | | | |
| 21316 | Executive Expense | D21316*E21313 | 0.007805 | $0.24 |
| 21317 | Planning Expense | D21317*E21313 | 0.000580 | $0.02 |
| 21318 | External Relations Expense | D21318*E21313 | 0.013029 | $0.39 |
| 21319 | Legal Expense | D21319*E21313 | 0.006148 | $0.19 |
| 21320 | Other Procurement Expense | D21320*E21313 | 0.002359 | $0.07 |
| 21321 | Research & Development Expense | D21321*E21313 | 0.000036 | $0.00 |
| 21322 | Other General and Admin Expense | D21322*E21313 | 0.015212 | $0.46 |
| 21323 | ***Common Costs*** | Sum(E21316:E21322) | | $1.37 |
| 21324 | | | | |
| 21325 | ***TELRIC + Common Costs*** | E21313+E21323 | | $31.65 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***.51 probability is percent DS0 EEL is order with DS0 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 0.510 | | | 2.55 | $43.81 | $1.86 |
| 1 JUMPER | 4 | 1.000 | 0.510 | | | 2.04 | $43.81 | $1.49 |
| TEST CIRCUIT | 15 | 1.000 | 0.510 | | | 7.65 | $43.81 | $5.59 |
| COMPLETE IN WFA-DI | 2 | 1.000 | 0.510 | | | 1.02 | $43.81 | $0.74 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | 0.510 | | | 1.53 | $43.81 | $1.12 |
| ***Subtotal - CO*** | | | | | | **43.79** | | **$31.97** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Travel to end user premises | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Contact CCT-I (Customer Communication Technician-Implementor) to work order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify customer/co-provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post order complete in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **55.00** | | **$40.16** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CO** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISABLE CIRCUIT | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| DISC JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.51 probability is percent DS0 EEL is order with DS0 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 0.510 | | | | 2.55 | $43.81 | $1.86 |
| DISABLE CIRCUIT | 2 | 0.510 | | | | 1.02 | $43.81 | $0.74 |
| DISC JUMPER | 2.3 | 0.510 | | | | 1.17 | $43.81 | $0.86 |
| COMPLETE ORDER IN WFA-DI | 2 | 0.510 | | | | 1.02 | $43.81 | $0.74 |
| ***Subtotal - CO*** | | | | | | **17.06** | | **$12.46** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **261.95** | | **$185.17** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS0 ENHANCED EXTENDED LOOP FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 21467 | **Direct Cost** | | | $185.17 |
| 21468 | | | | |
| 21469 | | | | |
| 21470 | | | | |
| 21471 | | | | |
| 21472 | ***Directly Assigned*** | | | |
| 21473 | Product Management Expense | D21473*E21467 | 0.025565 | $4.73 |
| 21474 | Sales Expense | D21474*E21467 | 0.009225 | $1.71 |
| 21475 | Product Advertising Expense | D21475*E21467 | 0.000000 | $0.00 |
| 21476 | Business Fees (Other Operating Taxes) | D21476*Sum(E21467:E21475) | 0.002025 | $0.39 |
| 21477 | ***Directly Assigned Costs*** | Sum(E21467:E21476) | | $6.83 |
| 21478 | | | | |
| 21479 | ***Total Direct Costs*** | E21467+E21477 | | $192.00 |
| 21480 | | | | |
| 21481 | ***Directly Attributed*** | | | |
| 21482 | Network Operations | D21482*E21479 | 0.040880 | $7.85 |
| 21483 | Network Support Assets | D21483*E21479 | 0.015364 | $2.95 |
| 21484 | General Support Assets | D21484*E21479 | 0.069508 | $13.35 |
| 21485 | General Purpose Computers | D21485*E21479 | 0.034714 | $6.66 |
| 21486 | Uncollectible | D21486*E21479 | 0.000401 | $0.08 |
| 21487 | Accounting & Finance Expense | D21487*E21479 | 0.008839 | $1.70 |
| 21488 | Human Resources Expense | D21488*E21479 | 0.008145 | $1.56 |
| 21489 | Information Management Expense | D21489*E21479 | 0.057009 | $10.95 |
| 21490 | Intangibles | D21490*E21479 | 0.002091 | $0.40 |
| 21491 | ***Directly Attributed Costs*** | Sum(E21482:E21490) | | $45.49 |
| 21492 | | | | |
| 21493 | ***TELRIC*** | E21482+E21491 | | $237.49 |
| 21494 | | | | |
| 21495 | ***Common*** | | | |
| 21496 | Executive Expense | D21496*E21493 | 0.007805 | $1.85 |
| 21497 | Planning Expense | D21497*E21493 | 0.000580 | $0.14 |
| 21498 | External Relations Expense | D21498*E21493 | 0.013029 | $3.09 |
| 21499 | Legal Expense | D21499*E21493 | 0.006148 | $1.46 |
| 21500 | Other Procurement Expense | D21500*E21493 | 0.002359 | $0.56 |
| 21501 | Research & Development Expense | D21501*E21493 | 0.000036 | $0.01 |
| 21502 | Other General and Admin Expense | D21502*E21493 | 0.015212 | $3.61 |
| 21503 | ***Common Costs*** | Sum(E21496:E21502) | | $10.73 |
| 21504 | | | | |
| 21505 | ***TELRIC + Common Costs*** | E21493+E21503 | | $248.22 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***.51 probability is percent DS0 EEL is ordered with DS0 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 0.510 | | | 2.55 | $43.81 | $1.86 |
| 1 JUMPER | 4 | 1.000 | 0.510 | | | 2.04 | $43.81 | $1.49 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | 0.510 | | | 1.02 | $43.81 | $0.74 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL (con't)*** | | | | | | | | |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | 0.510 | | | 1.53 | $43.81 | $1.12 |
| ***Subtotal - CO*** | | | | | | **51.14** | | **$37.34** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL (con't)*** | | | | | | | | |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove cross-connect | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.51 probability is percent DS0 EEL is order with DS0 interoffice. CO work at end office.*** | | | | | | | | |
| Analyze order | 5 | 0.510 | | | | 2.55 | $43.81 | $1.86 |
| Remove cross-connect | 2.3 | 0.510 | | | | 1.17 | $43.81 | $0.86 |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 0.510 | | | | 1.02 | $43.81 | $0.74 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **14.04** | | **$10.25** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **10.00** | | **$7.30** |
| ***Total For Service:*** | | | | | | **193.48** | | **$137.98** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS0 ENHANCED EXTENDED LOOP EACH ADDITIONAL (con't)***

| | | | | |
|---|---|---|---|---|
| 21647 | **Direct Cost** | | | $137.98 |
| 21648 | | | | |
| 21649 | | Cost Calculation | Cost Factor | Cost |
| 21650 | | | | |
| 21651 | | B | C | D | E |
| 21652 | ***Directly Assigned*** | | | |
| 21653 | Product Management Expense | D21653*E21647 | 0.025565 | $3.53 |
| 21654 | Sales Expense | D21654*E21647 | 0.009225 | $1.27 |
| 21655 | Product Advertising Expense | D21655*E21647 | 0.000000 | $0.00 |
| 21656 | Business Fees (Other Operating Taxes) | D21656*Sum(E21647:E21655) | 0.002025 | $0.29 |
| 21657 | ***Directly Assigned Costs*** | Sum(E21647:E21656) | | $5.09 |
| 21658 | | | | |
| 21659 | ***Total Direct Costs*** | E21647+E21657 | | $143.07 |
| 21660 | | | | |
| 21661 | ***Directly Attributed*** | | | |
| 21662 | Network Operations | D21662*E21659 | 0.040880 | $5.85 |
| 21663 | Network Support Assets | D21663*E21659 | 0.015364 | $2.20 |
| 21664 | General Support Assets | D21664*E21659 | 0.069508 | $9.94 |
| 21665 | General Purpose Computers | D21665*E21659 | 0.034714 | $4.97 |
| 21666 | Uncollectible | D21666*E21659 | 0.000401 | $0.06 |
| 21667 | Accounting & Finance Expense | D21667*E21659 | 0.008839 | $1.26 |
| 21668 | Human Resources Expense | D21668*E21659 | 0.008145 | $1.17 |
| 21669 | Information Management Expense | D21669*E21659 | 0.057009 | $8.16 |
| 21670 | Intangibles | D21670*E21659 | 0.002091 | $0.30 |
| 21671 | ***Directly Attributed Costs*** | Sum(E21662:E21670) | | $33.90 |
| 21672 | | | | |
| 21673 | ***TELRIC*** | E21662+E21671 | | $176.97 |
| 21674 | | | | |
| 21675 | ***Common*** | | | |
| 21676 | Executive Expense | D21676*E21673 | 0.007805 | $1.38 |
| 21677 | Planning Expense | D21677*E21673 | 0.000580 | $0.10 |
| 21678 | External Relations Expense | D21678*E21673 | 0.013029 | $2.31 |
| 21679 | Legal Expense | D21679*E21673 | 0.006148 | $1.09 |
| 21680 | Other Procurement Expense | D21680*E21673 | 0.002359 | $0.42 |
| 21681 | Research & Development Expense | D21681*E21673 | 0.000036 | $0.01 |
| 21682 | Other General and Admin Expense | D21682*E21673 | 0.015212 | $2.69 |
| 21683 | ***Common Costs*** | Sum(E21676:E21682) | | $7.99 |
| 21684 | | | | |
| 21685 | ***TELRIC + Common Costs*** | E21673+E21683 | | $184.96 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.4 probability is percent DS1 EEL is order with DS1 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE LOOP QUALIFICATION | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CROSS-CONNECT | 4 | 0.400 | | | | 1.60 | $43.81 | $1.17 |
| CONTINUITY/STRESS TESTS | 15 | 0.400 | | | | 6.00 | $43.81 | $4.38 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| POST COMPLETE IN WFADI | 2 | 0.400 | | | | 0.80 | $43.81 | $0.58 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **43.40** | | **$31.69** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.4 probability is percent DS1 EEL is order with DS1 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| REMOVE JUMPER | 2.3 | 0.400 | | | | 0.92 | $43.81 | $0.67 |
| COMPETE WORK IN WFADI | 2 | 0.400 | | | | 0.80 | $43.81 | $0.58 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **13.02** | | **$9.51** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **318.57** | | **$227.01** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1 ENHANCED EXTENDED LOOP FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 21827 | **Direct Cost** | | | | $227.01 |
| 21828 | | | | | |
| 21829 | | Cost Calculation | | Cost Factor | Cost |
| 21830 | | | | | |
| 21831 | | B | C | D | E |
| 21832 | ***Directly Assigned*** | | | | |
| 21833 | Product Management Expense | D21833*E21827 | | 0.025565 | $5.80 |
| 21834 | Sales Expense | D21834*E21827 | | 0.009225 | $2.09 |
| 21835 | Product Advertising Expense | D21835*E21827 | | 0.000000 | $0.00 |
| 21836 | Business Fees (Other Operating Taxes) | D21836*Sum(E21827:E21835) | | 0.002025 | $0.48 |
| 21837 | ***Directly Assigned Costs*** | Sum(E21827:E21836) | | | $8.37 |
| 21838 | | | | | |
| 21839 | ***Total Direct Costs*** | E21827+E21837 | | | $235.39 |
| 21840 | | | | | |
| 21841 | ***Directly Attributed*** | | | | |
| 21842 | Network Operations | D21842*E21839 | | 0.040880 | $9.62 |
| 21843 | Network Support Assets | D21843*E21839 | | 0.015364 | $3.62 |
| 21844 | General Support Assets | D21844*E21839 | | 0.069508 | $16.36 |
| 21845 | General Purpose Computers | D21845*E21839 | | 0.034714 | $8.17 |
| 21846 | Uncollectible | D21846*E21839 | | 0.000401 | $0.09 |
| 21847 | Accounting & Finance Expense | D21847*E21839 | | 0.008839 | $2.08 |
| 21848 | Human Resources Expense | D21848*E21839 | | 0.008145 | $1.92 |
| 21849 | Information Management Expense | D21849*E21839 | | 0.057009 | $13.42 |
| 21850 | Intangibles | D21850*E21839 | | 0.002091 | $0.49 |
| 21851 | ***Directly Attributed Costs*** | Sum(E21842:E21850) | | | $55.77 |
| 21852 | | | | | |
| 21853 | ***TELRIC*** | E21842+E21851 | | | $291.16 |
| 21854 | | | | | |
| 21855 | ***Common*** | | | | |
| 21856 | Executive Expense | D21856*E21853 | | 0.007805 | $2.27 |
| 21857 | Planning Expense | D21857*E21853 | | 0.000580 | $0.17 |
| 21858 | External Relations Expense | D21858*E21853 | | 0.013029 | $3.79 |
| 21859 | Legal Expense | D21859*E21853 | | 0.006148 | $1.79 |
| 21860 | Other Procurement Expense | D21860*E21853 | | 0.002359 | $0.69 |
| 21861 | Research & Development Expense | D21861*E21853 | | 0.000036 | $0.01 |
| 21862 | Other General and Admin Expense | D21862*E21853 | | 0.015212 | $4.43 |
| 21863 | ***Common Costs*** | Sum(E21856:E21862) | | | $13.15 |
| 21864 | | | | | |
| 21865 | ***TELRIC + Common Costs*** | E21853+E21863 | | | $304.31 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.4 probability is percent DS1 EEL is order with DS1 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE LOOP QUALIFICATION | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CROSS-CONNECT | 4 | 0.400 | | | | 1.60 | $43.81 | $1.17 |
| CONTINUITY/STRESS TESTS | 15 | 0.400 | | | | 6.00 | $43.81 | $4.38 |
| POST COMPLETE IN WFADI | 2 | 0.400 | | | | 0.80 | $43.81 | $0.58 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **43.40** | | **$31.69** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)*** | | | | | | | | |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)*** | | | | | | | | |
| ***1 probability is for CO work at serving wirecenter.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***.4 probability is percent DS1 EEL is order with DS1 interoffice. CO work at end office.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 0.400 | | | | 2.00 | $43.81 | $1.46 |
| REMOVE JUMPER | 2.3 | 0.400 | | | | 0.92 | $43.81 | $0.67 |
| COMPETE WORK IN WFADI | 2 | 0.400 | | | | 0.80 | $43.81 | $0.58 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **13.02** | | **$9.51** |
| ***Total For Service:*** | | | | | | **235.77** | | **$169.36** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 22007 | **Direct Cost** | | | $169.36 |
| 22008 | | | | |
| 22009 | | | | |
| 22010 | | | | |
| 22011 | | | | |
| 22012 | ***Directly Assigned*** | | | |
| 22013 | Product Management Expense | D22013*E22007 | 0.025565 | $4.33 |
| 22014 | Sales Expense | D22014*E22007 | 0.009225 | $1.56 |
| 22015 | Product Advertising Expense | D22015*E22007 | 0.000000 | $0.00 |
| 22016 | Business Fees (Other Operating Taxes) | D22016*Sum(E22007:E22015) | 0.002025 | $0.35 |
| 22017 | ***Directly Assigned Costs*** | Sum(E22007:E22016) | | $6.25 |
| 22018 | | | | |
| 22019 | ***Total Direct Costs*** | E22007+E22017 | | $175.61 |
| 22020 | | | | |
| 22021 | ***Directly Attributed*** | | | |
| 22022 | Network Operations | D22022*E22019 | 0.040880 | $7.18 |
| 22023 | Network Support Assets | D22023*E22019 | 0.015364 | $2.70 |
| 22024 | General Support Assets | D22024*E22019 | 0.069508 | $12.21 |
| 22025 | General Purpose Computers | D22025*E22019 | 0.034714 | $6.10 |
| 22026 | Uncollectible | D22026*E22019 | 0.000401 | $0.07 |
| 22027 | Accounting & Finance Expense | D22027*E22019 | 0.008839 | $1.55 |
| 22028 | Human Resources Expense | D22028*E22019 | 0.008145 | $1.43 |
| 22029 | Information Management Expense | D22029*E22019 | 0.057009 | $10.01 |
| 22030 | Intangibles | D22030*E22019 | 0.002091 | $0.37 |
| 22031 | ***Directly Attributed Costs*** | Sum(E22022:E22030) | | $41.61 |
| 22032 | | | | |
| 22033 | ***TELRIC*** | E22022+E22031 | | $217.22 |
| 22034 | | | | |
| 22035 | ***Common*** | | | |
| 22036 | Executive Expense | D22036*E22033 | 0.007805 | $1.70 |
| 22037 | Planning Expense | D22037*E22033 | 0.000580 | $0.13 |
| 22038 | External Relations Expense | D22038*E22033 | 0.013029 | $2.83 |
| 22039 | Legal Expense | D22039*E22033 | 0.006148 | $1.34 |
| 22040 | Other Procurement Expense | D22040*E22033 | 0.002359 | $0.51 |
| 22041 | Research & Development Expense | D22041*E22033 | 0.000036 | $0.01 |
| 22042 | Other General and Admin Expense | D22042*E22033 | 0.015212 | $3.30 |
| 22043 | ***Common Costs*** | Sum(E22036:E22042) | | $9.81 |
| 22044 | | | | |
| 22045 | ***TELRIC + Common Costs*** | E22033+E22043 | | $227.03 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work performed in two offices.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| COMPLETE LOOP QUALIFICATION | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| COMPLETE CROSS-CONNECT | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| CONTINUITY/STRESS TESTS | 15 | 2.000 | | | | 30.00 | $43.81 | $21.91 |
| POST COMPLETE IN WFADI | 2 | 2.000 | | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **62.00** | | **$45.27** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP FIRST (con't)*** | | | | | | | | |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work performed in two offices.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| REMOVE JUMPER | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| COMPETE WORK IN WFADI | 2 | 2.000 | | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **342.75** | | **$244.67** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |

***DS3 ENHANCED EXTENDED LOOP FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 22187 | **Direct Cost** | | | | $244.67 |
| 22188 | | | | | |
| 22189 | | | Cost Calculation | Cost Factor | Cost |
| 22190 | | | B | C | D | E |
| 22191 | | | | | |
| 22192 | ***Directly Assigned*** | | | | |
| 22193 | Product Management Expense | | D22193*E22187 | 0.025565 | $6.25 |
| 22194 | Sales Expense | | D22194*E22187 | 0.009225 | $2.26 |
| 22195 | Product Advertising Expense | | D22195*E22187 | 0.000000 | $0.00 |
| 22196 | Business Fees (Other Operating Taxes) | | D22196*Sum(E22187:E22195) | 0.002025 | $0.51 |
| 22197 | ***Directly Assigned Costs*** | | Sum(E22187:E22196) | | $9.02 |
| 22198 | | | | | |
| 22199 | ***Total Direct Costs*** | | E22187+E22197 | | $253.69 |
| 22200 | | | | | |
| 22201 | ***Directly Attributed*** | | | | |
| 22202 | Network Operations | | D22202*E22199 | 0.040880 | $10.37 |
| 22203 | Network Support Assets | | D22203*E22199 | 0.015364 | $3.90 |
| 22204 | General Support Assets | | D22204*E22199 | 0.069508 | $17.63 |
| 22205 | General Purpose Computers | | D22205*E22199 | 0.034714 | $8.81 |
| 22206 | Uncollectible | | D22206*E22199 | 0.000401 | $0.10 |
| 22207 | Accounting & Finance Expense | | D22207*E22199 | 0.008839 | $2.24 |
| 22208 | Human Resources Expense | | D22208*E22199 | 0.008145 | $2.07 |
| 22209 | Information Management Expense | | D22209*E22199 | 0.057009 | $14.46 |
| 22210 | Intangibles | | D22210*E22199 | 0.002091 | $0.53 |
| 22211 | ***Directly Attributed Costs*** | | Sum(E22202:E22210) | | $60.11 |
| 22212 | | | | | |
| 22213 | ***TELRIC*** | | E22202+E22211 | | $313.80 |
| 22214 | | | | | |
| 22215 | ***Common*** | | | | |
| 22216 | Executive Expense | | D22216*E22213 | 0.007805 | $2.45 |
| 22217 | Planning Expense | | D22217*E22213 | 0.000580 | $0.18 |
| 22218 | External Relations Expense | | D22218*E22213 | 0.013029 | $4.09 |
| 22219 | Legal Expense | | D22219*E22213 | 0.006148 | $1.93 |
| 22220 | Other Procurement Expense | | D22220*E22213 | 0.002359 | $0.74 |
| 22221 | Research & Development Expense | | D22221*E22213 | 0.000036 | $0.01 |
| 22222 | Other General and Admin Expense | | D22222*E22213 | 0.015212 | $4.77 |
| 22223 | ***Common Costs*** | | Sum(E22216:E22222) | | $14.17 |
| 22224 | | | | | |
| 22225 | ***TELRIC + Common Costs*** | | E22213+E22223 | | $327.98 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | 13.20 | | $8.81 |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | 49.25 | | $36.37 |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work performed in two offices.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| COMPLETE LOOP QUALIFICATION | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| COMPLETE CROSS-CONNECT | 4 | 2.000 | | | | 8.00 | $43.81 | $5.84 |
| CONTINUITY/STRESS TESTS | 15 | 2.000 | | | | 30.00 | $43.81 | $21.91 |
| POST COMPLETE IN WFADI | 2 | 2.000 | | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | 62.00 | | $45.27 |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | 13.00 | | $8.19 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)*** | | | | | | | | |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work performed in two offices.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 2.000 | | | | 10.00 | $43.81 | $7.30 |
| REMOVE JUMPER | 2.3 | 2.000 | | | | 4.60 | $43.81 | $3.36 |
| COMPETE WORK IN WFADI | 2 | 2.000 | | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **259.95** | | **$187.02** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS3 ENHANCED EXTENDED LOOP EACH ADDIDTIONAL (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 22367 | **Direct Cost** | | | $187.02 |
| 22368 | | | | |
| 22369 | | | | |
| 22370 | | | | |
| 22371 | | | | |
| 22372 | ***Directly Assigned*** | | | |
| 22373 | Product Management Expense | D22373*E22367 | 0.025565 | $4.78 |
| 22374 | Sales Expense | D22374*E22367 | 0.009225 | $1.73 |
| 22375 | Product Advertising Expense | D22375*E22367 | 0.000000 | $0.00 |
| 22376 | Business Fees (Other Operating Taxes) | D22376*Sum(E22367:E22375) | 0.002025 | $0.39 |
| 22377 | ***Directly Assigned Costs*** | Sum(E22367:E22376) | | $6.90 |
| 22378 | | | | |
| 22379 | ***Total Direct Costs*** | E22367+E22377 | | $193.92 |
| 22380 | | | | |
| 22381 | ***Directly Attributed*** | | | |
| 22382 | Network Operations | D22382*E22379 | 0.040880 | $7.93 |
| 22383 | Network Support Assets | D22383*E22379 | 0.015364 | $2.98 |
| 22384 | General Support Assets | D22384*E22379 | 0.069508 | $13.48 |
| 22385 | General Purpose Computers | D22385*E22379 | 0.034714 | $6.73 |
| 22386 | Uncollectible | D22386*E22379 | 0.000401 | $0.08 |
| 22387 | Accounting & Finance Expense | D22387*E22379 | 0.008839 | $1.71 |
| 22388 | Human Resources Expense | D22388*E22379 | 0.008145 | $1.58 |
| 22389 | Information Management Expense | D22389*E22379 | 0.057009 | $11.05 |
| 22390 | Intangibles | D22390*E22379 | 0.002091 | $0.41 |
| 22391 | ***Directly Attributed Costs*** | Sum(E22382:E22390) | | $45.95 |
| 22392 | | | | |
| 22393 | ***TELRIC*** | E22382+E22391 | | $239.86 |
| 22394 | | | | |
| 22395 | ***Common*** | | | |
| 22396 | Executive Expense | D22396*E22393 | 0.007805 | $1.87 |
| 22397 | Planning Expense | D22397*E22393 | 0.000580 | $0.14 |
| 22398 | External Relations Expense | D22398*E22393 | 0.013029 | $3.13 |
| 22399 | Legal Expense | D22399*E22393 | 0.006148 | $1.47 |
| 22400 | Other Procurement Expense | D22400*E22393 | 0.002359 | $0.57 |
| 22401 | Research & Development Expense | D22401*E22393 | 0.000036 | $0.01 |
| 22402 | Other General and Admin Expense | D22402*E22393 | 0.015212 | $3.65 |
| 22403 | ***Common Costs*** | Sum(E22396:E22402) | | $10.83 |
| 22404 | | | | |
| 22405 | ***TELRIC + Common Costs*** | E22393+E22403 | | $250.70 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **45.00** | | **$32.86** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| JUMPER ACTIVITY | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **266.15** | | **$190.92** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS1 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 22547 | **Direct Cost** | | | | $190.92 |
| 22548 | | | | | |
| 22549 | | | | | |
| 22550 | | | | | |
| 22551 | | | | | |
| 22552 | ***Directly Assigned*** | | | | |
| 22553 | Product Management Expense | D22553*E22547 | | 0.025565 | $4.88 |
| 22554 | Sales Expense | D22554*E22547 | | 0.009225 | $1.76 |
| 22555 | Product Advertising Expense | D22555*E22547 | | 0.000000 | $0.00 |
| 22556 | Business Fees (Other Operating Taxes) | D22556*Sum(E22547:E22555) | | 0.002025 | $0.40 |
| 22557 | ***Directly Assigned Costs*** | Sum(E22547:E22556) | | | $7.04 |
| 22558 | | | | | |
| 22559 | ***Total Direct Costs*** | E22547+E22557 | | | $197.96 |
| 22560 | | | | | |
| 22561 | ***Directly Attributed*** | | | | |
| 22562 | Network Operations | D22562*E22559 | | 0.040880 | $8.09 |
| 22563 | Network Support Assets | D22563*E22559 | | 0.015364 | $3.04 |
| 22564 | General Support Assets | D22564*E22559 | | 0.069508 | $13.76 |
| 22565 | General Purpose Computers | D22565*E22559 | | 0.034714 | $6.87 |
| 22566 | Uncollectible | D22566*E22559 | | 0.000401 | $0.08 |
| 22567 | Accounting & Finance Expense | D22567*E22559 | | 0.008839 | $1.75 |
| 22568 | Human Resources Expense | D22568*E22559 | | 0.008145 | $1.61 |
| 22569 | Information Management Expense | D22569*E22559 | | 0.057009 | $11.29 |
| 22570 | Intangibles | D22570*E22559 | | 0.002091 | $0.41 |
| 22571 | ***Directly Attributed Costs*** | Sum(E22562:E22570) | | | $46.91 |
| 22572 | | | | | |
| 22573 | ***TELRIC*** | E22562+E22571 | | | $244.87 |
| 22574 | | | | | |
| 22575 | ***Common*** | | | | |
| 22576 | Executive Expense | D22576*E22573 | | 0.007805 | $1.91 |
| 22577 | Planning Expense | D22577*E22573 | | 0.000580 | $0.14 |
| 22578 | External Relations Expense | D22578*E22573 | | 0.013029 | $3.19 |
| 22579 | Legal Expense | D22579*E22573 | | 0.006148 | $1.51 |
| 22580 | Other Procurement Expense | D22580*E22573 | | 0.002359 | $0.58 |
| 22581 | Research & Development Expense | D22581*E22573 | | 0.000036 | $0.01 |
| 22582 | Other General and Admin Expense | D22582*E22573 | | 0.015212 | $3.72 |
| 22583 | ***Common Costs*** | Sum(E22576:E22582) | | | $11.06 |
| 22584 | | | | | |
| 22585 | ***TELRIC + Common Costs*** | E22573+E22583 | | | $255.93 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | **38.00** | | **$25.35** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| *Subtotal - DESIGN* | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| *Subtotal - CENTRAL OFFICE FRAMES* | | | | | | **45.00** | | **$32.86** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| JUMPER ACTIVITY | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **266.15** | | **$190.92** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)***

| | | Cost Calculation | | Cost Factor | Cost |
|---|---|---|---|---|---|
| | | B | C | D | E |
| 22727 | **Direct Cost** | | | | $190.92 |
| 22728 | | | | | |
| 22729 | | | | | |
| 22730 | | | | | |
| 22731 | | | | | |
| 22732 | ***Directly Assigned*** | | | | |
| 22733 | Product Management Expense | D22733*E22727 | | 0.025565 | $4.88 |
| 22734 | Sales Expense | D22734*E22727 | | 0.009225 | $1.76 |
| 22735 | Product Advertising Expense | D22735*E22727 | | 0.000000 | $0.00 |
| 22736 | Business Fees (Other Operating Taxes) | D22736*Sum(E22727:E22735) | | 0.002025 | $0.40 |
| 22737 | ***Directly Assigned Costs*** | Sum(E22727:E22736) | | | $7.04 |
| 22738 | | | | | |
| 22739 | ***Total Direct Costs*** | E22727+E22737 | | | $197.96 |
| 22740 | | | | | |
| 22741 | ***Directly Attributed*** | | | | |
| 22742 | Network Operations | D22742*E22739 | | 0.040880 | $8.09 |
| 22743 | Network Support Assets | D22743*E22739 | | 0.015364 | $3.04 |
| 22744 | General Support Assets | D22744*E22739 | | 0.069508 | $13.76 |
| 22745 | General Purpose Computers | D22745*E22739 | | 0.034714 | $6.87 |
| 22746 | Uncollectible | D22746*E22739 | | 0.000401 | $0.08 |
| 22747 | Accounting & Finance Expense | D22747*E22739 | | 0.008839 | $1.75 |
| 22748 | Human Resources Expense | D22748*E22739 | | 0.008145 | $1.61 |
| 22749 | Information Management Expense | D22749*E22739 | | 0.057009 | $11.29 |
| 22750 | Intangibles | D22750*E22739 | | 0.002091 | $0.41 |
| 22751 | ***Directly Attributed Costs*** | Sum(E22742:E22750) | | | $46.91 |
| 22752 | | | | | |
| 22753 | ***TELRIC*** | E22742+E22751 | | | $244.87 |
| 22754 | | | | | |
| 22755 | ***Common*** | | | | |
| 22756 | Executive Expense | D22756*E22753 | | 0.007805 | $1.91 |
| 22757 | Planning Expense | D22757*E22753 | | 0.000580 | $0.14 |
| 22758 | External Relations Expense | D22758*E22753 | | 0.013029 | $3.19 |
| 22759 | Legal Expense | D22759*E22753 | | 0.006148 | $1.51 |
| 22760 | Other Procurement Expense | D22760*E22753 | | 0.002359 | $0.58 |
| 22761 | Research & Development Expense | D22761*E22753 | | 0.000036 | $0.01 |
| 22762 | Other General and Admin Expense | D22762*E22753 | | 0.015212 | $3.72 |
| 22763 | ***Common Costs*** | Sum(E22756:E22762) | | | $11.06 |
| 22764 | | | | | |
| 22765 | ***TELRIC + Common Costs*** | E22753+E22763 | | | $255.93 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***POLE INQUIRY FEE - PER MILE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER) | | | | | | | | |
| ***.5 probability represents miles (2) per request. IAC times are per request.*** | | | | | | | | |
| Review for completeness resolve discrepancies | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Creat log in database with appropriate dates | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Based on information provided determine and verify field engineering contacts | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Make copies for appropriate work groups and distribute | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Act as point of contact between engineering and acct exec for any issues | 120 | 0.500 | | | | 60.00 | $56.97 | $56.97 |
| track and escalte as required to ensure that time frames are met | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER)*** | | | | | | **180.00** | | **$170.91** |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| ***OSP time is per mile.*** | | | | | | | | |
| review route requested in database. Prepare to meet with co-provider to do field verify | 72 | 1.000 | | | | 72.00 | $51.76 | $62.11 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **72.00** | | **$62.11** |
| ***Total For Service:*** | | | | | | **252.00** | | **$233.02** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***POLE INQUIRY FEE - PER MILE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 22817 | **Direct Cost** | | | | $233.02 |
| 22818 | | | | | |
| 22819 | | | | | |
| 22820 | | | | | |
| 22821 | | | | | |
| 22822 | ***Directly Assigned*** | | | | |
| 22823 | Product Management Expense | D22823*E22817 | | 0.025565 | $5.96 |
| 22824 | Sales Expense | D22824*E22817 | | 0.009225 | $2.15 |
| 22825 | Product Advertising Expense | D22825*E22817 | | 0.000000 | $0.00 |
| 22826 | Business Fees (Other Operating Taxes) | D22826*Sum(E22817:E22825) | | 0.002025 | $0.49 |
| 22827 | ***Directly Assigned Costs*** | Sum(E22817:E22826) | | | $8.60 |
| 22828 | | | | | |
| 22829 | ***Total Direct Costs*** | E22817+E22827 | | | $241.62 |
| 22830 | | | | | |
| 22831 | ***Directly Attributed*** | | | | |
| 22832 | Network Operations | D22832*E22829 | | 0.040880 | $9.88 |
| 22833 | Network Support Assets | D22833*E22829 | | 0.015364 | $3.71 |
| 22834 | General Support Assets | D22834*E22829 | | 0.069508 | $16.79 |
| 22835 | General Purpose Computers | D22835*E22829 | | 0.034714 | $8.39 |
| 22836 | Uncollectible | D22836*E22829 | | 0.000401 | $0.10 |
| 22837 | Accounting & Finance Expense | D22837*E22829 | | 0.008839 | $2.14 |
| 22838 | Human Resources Expense | D22838*E22829 | | 0.008145 | $1.97 |
| 22839 | Information Management Expense | D22839*E22829 | | 0.057009 | $13.77 |
| 22840 | Intangibles | D22840*E22829 | | 0.002091 | $0.51 |
| 22841 | ***Directly Attributed Costs*** | Sum(E22832:E22840) | | | $57.25 |
| 22842 | | | | | |
| 22843 | ***TELRIC*** | E22832+E22841 | | | $298.87 |
| 22844 | | | | | |
| 22845 | ***Common*** | | | | |
| 22846 | Executive Expense | D22846*E22843 | | 0.007805 | $2.33 |
| 22847 | Planning Expense | D22847*E22843 | | 0.000580 | $0.17 |
| 22848 | External Relations Expense | D22848*E22843 | | 0.013029 | $3.89 |
| 22849 | Legal Expense | D22849*E22843 | | 0.006148 | $1.84 |
| 22850 | Other Procurement Expense | D22850*E22843 | | 0.002359 | $0.71 |
| 22851 | Research & Development Expense | D22851*E22843 | | 0.000036 | $0.01 |
| 22852 | Other General and Admin Expense | D22852*E22843 | | 0.015212 | $4.55 |
| 22853 | ***Common Costs*** | Sum(E22846:E22852) | | | $13.50 |
| 22854 | | | | | |
| 22855 | ***TELRIC + Common Costs*** | E22843+E22853 | | | $312.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***INNERDUCT INQUIRY FEE - PER MILE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER) | | | | | | | | |
| ***.5 probability represents miles (2) per request. IAC times for workitems 1 & 2 are per request.*** | | | | | | | | |
| Review for completeness resolve discrepancies | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Creat log in database with appropriate dates | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Review route requested in database, print copies, prepare flaline and return to Prod Mgr. | 250 | 1.000 | | | | 250.00 | $56.97 | $237.38 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER)*** | | | | | | **295.00** | | **$280.10** |
| ***Total For Service:*** | | | | | | **295.00** | | **$280.10** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***INNERDUCT INQUIRY FEE - PER MILE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 22907 | **Direct Cost** | | | | $280.10 |
| 22908 | | | | | |
| 22909 | | Cost Calculation | | Cost Factor | Cost |
| 22910 | | B | C | D | E |
| 22911 | | | | | |
| 22912 | ***Directly Assigned*** | | | | |
| 22913 | Product Management Expense | D22913*E22907 | | 0.025565 | $7.16 |
| 22914 | Sales Expense | D22914*E22907 | | 0.009225 | $2.58 |
| 22915 | Product Advertising Expense | D22915*E22907 | | 0.000000 | $0.00 |
| 22916 | Business Fees (Other Operating Taxes) | D22916*Sum(E22907:E22915) | | 0.002025 | $0.59 |
| 22917 | ***Directly Assigned Costs*** | Sum(E22907:E22916) | | | $10.33 |
| 22918 | | | | | |
| 22919 | ***Total Direct Costs*** | E22907+E22917 | | | $290.43 |
| 22920 | | | | | |
| 22921 | ***Directly Attributed*** | | | | |
| 22922 | Network Operations | D22922*E22919 | | 0.040880 | $11.87 |
| 22923 | Network Support Assets | D22923*E22919 | | 0.015364 | $4.46 |
| 22924 | General Support Assets | D22924*E22919 | | 0.069508 | $20.19 |
| 22925 | General Purpose Computers | D22925*E22919 | | 0.034714 | $10.08 |
| 22926 | Uncollectible | D22926*E22919 | | 0.000401 | $0.12 |
| 22927 | Accounting & Finance Expense | D22927*E22919 | | 0.008839 | $2.57 |
| 22928 | Human Resources Expense | D22928*E22919 | | 0.008145 | $2.37 |
| 22929 | Information Management Expense | D22929*E22919 | | 0.057009 | $16.56 |
| 22930 | Intangibles | D22930*E22919 | | 0.002091 | $0.61 |
| 22931 | ***Directly Attributed Costs*** | Sum(E22922:E22930) | | | $68.82 |
| 22932 | | | | | |
| 22933 | ***TELRIC*** | E22922+E22931 | | | $359.25 |
| 22934 | | | | | |
| 22935 | ***Common*** | | | | |
| 22936 | Executive Expense | D22936*E22933 | | 0.007805 | $2.80 |
| 22937 | Planning Expense | D22937*E22933 | | 0.000580 | $0.21 |
| 22938 | External Relations Expense | D22938*E22933 | | 0.013029 | $4.68 |
| 22939 | Legal Expense | D22939*E22933 | | 0.006148 | $2.21 |
| 22940 | Other Procurement Expense | D22940*E22933 | | 0.002359 | $0.85 |
| 22941 | Research & Development Expense | D22941*E22933 | | 0.000036 | $0.01 |
| 22942 | Other General and Admin Expense | D22942*E22933 | | 0.015212 | $5.46 |
| 22943 | ***Common Costs*** | Sum(E22936:E22942) | | | $16.23 |
| 22944 | | | | | |
| 22945 | ***TELRIC + Common Costs*** | E22933+E22943 | | | $375.48 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***FIELD VERIFICATION FEE - POLES PER POLE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| ***10 probability assumes an average of ten poles within a connected span will be verified.*** | | | | | | | | |
| Make field visit, verify/identify issues at the proposed location. | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **30.00** | | **$25.88** |
| ***Total For Service:*** | | | | | | **30.00** | | **$25.88** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***FIELD VERIFICATION FEE - POLES PER POLE (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 22997 | **Direct Cost** | | | | | $25.88 |
| 22998 | | | | | | |
| 22999 | | | Cost Calculation | | Cost Factor | Cost |
| 23000 | | | B | C | D | E |
| 23001 | | | | | | |
| 23002 | ***Directly Assigned*** | | | | | |
| 23003 | Product Management Expense | | D23003*E22997 | | 0.025565 | $0.66 |
| 23004 | Sales Expense | | D23004*E22997 | | 0.009225 | $0.24 |
| 23005 | Product Advertising Expense | | D23005*E22997 | | 0.000000 | $0.00 |
| 23006 | Business Fees (Other Operating Taxes) | | D23006*Sum(E22997:E23005) | | 0.002025 | $0.05 |
| 23007 | ***Directly Assigned Costs*** | | Sum(E22997:E23006) | | | $0.95 |
| 23008 | | | | | | |
| 23009 | ***Total Direct Costs*** | | E22997+E23007 | | | $26.83 |
| 23010 | | | | | | |
| 23011 | ***Directly Attributed*** | | | | | |
| 23012 | Network Operations | | D23012*E23009 | | 0.040880 | $1.10 |
| 23013 | Network Support Assets | | D23013*E23009 | | 0.015364 | $0.41 |
| 23014 | General Support Assets | | D23014*E23009 | | 0.069508 | $1.87 |
| 23015 | General Purpose Computers | | D23015*E23009 | | 0.034714 | $0.93 |
| 23016 | Uncollectible | | D23016*E23009 | | 0.000401 | $0.01 |
| 23017 | Accounting & Finance Expense | | D23017*E23009 | | 0.008839 | $0.24 |
| 23018 | Human Resources Expense | | D23018*E23009 | | 0.008145 | $0.22 |
| 23019 | Information Management Expense | | D23019*E23009 | | 0.057009 | $1.53 |
| 23020 | Intangibles | | D23020*E23009 | | 0.002091 | $0.06 |
| 23021 | ***Directly Attributed Costs*** | | Sum(E23012:E23020) | | | $6.36 |
| 23022 | | | | | | |
| 23023 | ***TELRIC*** | | E23012+E23021 | | | $33.19 |
| 23024 | | | | | | |
| 23025 | ***Common*** | | | | | |
| 23026 | Executive Expense | | D23026*E23023 | | 0.007805 | $0.26 |
| 23027 | Planning Expense | | D23027*E23023 | | 0.000580 | $0.02 |
| 23028 | External Relations Expense | | D23028*E23023 | | 0.013029 | $0.43 |
| 23029 | Legal Expense | | D23029*E23023 | | 0.006148 | $0.20 |
| 23030 | Other Procurement Expense | | D23030*E23023 | | 0.002359 | $0.08 |
| 23031 | Research & Development Expense | | D23031*E23023 | | 0.000036 | $0.00 |
| 23032 | Other General and Admin Expense | | D23032*E23023 | | 0.015212 | $0.50 |
| 23033 | ***Common Costs*** | | Sum(E23026:E23032) | | | $1.50 |
| 23034 | | | | | | |
| 23035 | ***TELRIC + Common Costs*** | | E23023+E23033 | | | $34.69 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***FIELD VERIFICATION FEE - MANHOLES PER MANHOLE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Make field visit, verify/identify issues at the proposed location. | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| Engr. &Co-provider draw notes of existing facilities. | 60 | 1.000 | | | | 60.00 | $51.76 | $51.76 |
| Complete a detail drawing for verification. | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Inspection time with Contract Inspector of co-provider access and duct verification. | 180 | 1.000 | | | | 180.00 | $51.76 | $155.28 |
| *Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)* | | | | | | 390.00 | | $336.44 |
| *Total For Service:* | | | | | | 390.00 | | $336.44 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***FIELD VERIFICATION FEE - MANHOLES PER MANHOLE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23087 | **Direct Cost** | | | | $336.44 |
| 23088 | | | | | |
| 23089 | | Cost Calculation | | Cost Factor | Cost |
| 23090 | | B | C | D | E |
| 23091 | | | | | |
| 23092 | ***Directly Assigned*** | | | | |
| 23093 | Product Management Expense | D23093*E23087 | | 0.025565 | $8.60 |
| 23094 | Sales Expense | D23094*E23087 | | 0.009225 | $3.10 |
| 23095 | Product Advertising Expense | D23095*E23087 | | 0.000000 | $0.00 |
| 23096 | Business Fees (Other Operating Taxes) | D23096*Sum(E23087:E23095) | | 0.002025 | $0.70 |
| 23097 | ***Directly Assigned Costs*** | Sum(E23087:E23096) | | | $12.41 |
| 23098 | | | | | |
| 23099 | ***Total Direct Costs*** | E23087+E23097 | | | $348.85 |
| 23100 | | | | | |
| 23101 | ***Directly Attributed*** | | | | |
| 23102 | Network Operations | D23102*E23099 | | 0.040880 | $14.26 |
| 23103 | Network Support Assets | D23103*E23099 | | 0.015364 | $5.36 |
| 23104 | General Support Assets | D23104*E23099 | | 0.069508 | $24.25 |
| 23105 | General Purpose Computers | D23105*E23099 | | 0.034714 | $12.11 |
| 23106 | Uncollectible | D23106*E23099 | | 0.000401 | $0.14 |
| 23107 | Accounting & Finance Expense | D23107*E23099 | | 0.008839 | $3.08 |
| 23108 | Human Resources Expense | D23108*E23099 | | 0.008145 | $2.84 |
| 23109 | Information Management Expense | D23109*E23099 | | 0.057009 | $19.89 |
| 23110 | Intangibles | D23110*E23099 | | 0.002091 | $0.73 |
| 23111 | ***Directly Attributed Costs*** | Sum(E23102:E23110) | | | $82.66 |
| 23112 | | | | | |
| 23113 | ***TELRIC*** | E23102+E23111 | | | $431.51 |
| 23114 | | | | | |
| 23115 | ***Common*** | | | | |
| 23116 | Executive Expense | D23116*E23113 | | 0.007805 | $3.37 |
| 23117 | Planning Expense | D23117*E23113 | | 0.000580 | $0.25 |
| 23118 | External Relations Expense | D23118*E23113 | | 0.013029 | $5.62 |
| 23119 | Legal Expense | D23119*E23113 | | 0.006148 | $2.65 |
| 23120 | Other Procurement Expense | D23120*E23113 | | 0.002359 | $1.02 |
| 23121 | Research & Development Expense | D23121*E23113 | | 0.000036 | $0.02 |
| 23122 | Other General and Admin Expense | D23122*E23113 | | 0.015212 | $6.56 |
| 23123 | ***Common Costs*** | Sum(E23116:E23122) | | | $19.49 |
| 23124 | | | | | |
| 23125 | ***TELRIC + Common Costs*** | E23113+E23123 | | | $451.00 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***PLANNER VERIFICATION Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -TACTICAL PLANNING | | | | | | | | |
| Records Review for manhole verification | 15 | 1.000 | | | | 15.00 | $46.18 | $11.55 |
| ***Subtotal - TACTICAL PLANNING*** | | | | | | **15.00** | | **$11.55** |
| ***Total For Service:*** | | | | | | **15.00** | | **$11.55** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***PLANNER VERIFICATION Per Manhole (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B C | D | E |
| 23177 | **Direct Cost** | | | $11.55 |
| 23178 | | | | |
| 23179 | | | | |
| 23180 | | | | |
| 23181 | | | | |
| 23182 | ***Directly Assigned*** | | | |
| 23183 | Product Management Expense | D23183*E23177 | 0.025565 | $0.30 |
| 23184 | Sales Expense | D23184*E23177 | 0.009225 | $0.11 |
| 23185 | Product Advertising Expense | D23185*E23177 | 0.000000 | $0.00 |
| 23186 | Business Fees (Other Operating Taxes) | D23186*Sum(E23177:E23185) | 0.002025 | $0.02 |
| 23187 | ***Directly Assigned Costs*** | Sum(E23177:E23186) | | $0.43 |
| 23188 | | | | |
| 23189 | ***Total Direct Costs*** | E23177+E23187 | | $11.97 |
| 23190 | | | | |
| 23191 | ***Directly Attributed*** | | | |
| 23192 | Network Operations | D23192*E23189 | 0.040880 | $0.49 |
| 23193 | Network Support Assets | D23193*E23189 | 0.015364 | $0.18 |
| 23194 | General Support Assets | D23194*E23189 | 0.069508 | $0.83 |
| 23195 | General Purpose Computers | D23195*E23189 | 0.034714 | $0.42 |
| 23196 | Uncollectible | D23196*E23189 | 0.000401 | $0.00 |
| 23197 | Accounting & Finance Expense | D23197*E23189 | 0.008839 | $0.11 |
| 23198 | Human Resources Expense | D23198*E23189 | 0.008145 | $0.10 |
| 23199 | Information Management Expense | D23199*E23189 | 0.057009 | $0.68 |
| 23200 | Intangibles | D23200*E23189 | 0.002091 | $0.03 |
| 23201 | ***Directly Attributed Costs*** | Sum(E23192:E23200) | | $2.84 |
| 23202 | | | | |
| 23203 | ***TELRIC*** | E23192+E23201 | | $14.81 |
| 23204 | | | | |
| 23205 | ***Common*** | | | |
| 23206 | Executive Expense | D23206*E23203 | 0.007805 | $0.12 |
| 23207 | Planning Expense | D23207*E23203 | 0.000580 | $0.01 |
| 23208 | External Relations Expense | D23208*E23203 | 0.013029 | $0.19 |
| 23209 | Legal Expense | D23209*E23203 | 0.006148 | $0.09 |
| 23210 | Other Procurement Expense | D23210*E23203 | 0.002359 | $0.03 |
| 23211 | Research & Development Expense | D23211*E23203 | 0.000036 | $0.00 |
| 23212 | Other General and Admin Expense | D23212*E23203 | 0.015212 | $0.23 |
| 23213 | ***Common Costs*** | Sum(E23206:E23212) | | $0.67 |
| 23214 | | | | |
| 23215 | ***TELRIC + Common Costs*** | E23203+E23213 | | $15.48 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MANHOLE VERIFICATION INSPECTOR Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Inspector time during manhole verification | 240 | 1.000 | | | | 240.00 | $51.76 | $207.04 |
| *Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)* | | | | | | **240.00** | | **$207.04** |
| *Total For Service:* | | | | | | **240.00** | | **$207.04** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANHOLE VERIFICATION INSPECTOR Per Manhole (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23267 | **Direct Cost** | | | | $207.04 |
| 23268 | | | | | |
| 23269 | | Cost Calculation | | Cost Factor | Cost |
| 23270 | | B | C | D | E |
| 23271 | | | | | |
| 23272 | ***Directly Assigned*** | | | | |
| 23273 | Product Management Expense | D23273*E23267 | | 0.025565 | $5.29 |
| 23274 | Sales Expense | D23274*E23267 | | 0.009225 | $1.91 |
| 23275 | Product Advertising Expense | D23275*E23267 | | 0.000000 | $0.00 |
| 23276 | Business Fees (Other Operating Taxes) | D23276*Sum(E23267:E23275) | | 0.002025 | $0.43 |
| 23277 | ***Directly Assigned Costs*** | Sum(E23267:E23276) | | | $7.64 |
| 23278 | | | | | |
| 23279 | ***Total Direct Costs*** | E23267+E23277 | | | $214.68 |
| 23280 | | | | | |
| 23281 | ***Directly Attributed*** | | | | |
| 23282 | Network Operations | D23282*E23279 | | 0.040880 | $8.78 |
| 23283 | Network Support Assets | D23283*E23279 | | 0.015364 | $3.30 |
| 23284 | General Support Assets | D23284*E23279 | | 0.069508 | $14.92 |
| 23285 | General Purpose Computers | D23285*E23279 | | 0.034714 | $7.45 |
| 23286 | Uncollectible | D23286*E23279 | | 0.000401 | $0.09 |
| 23287 | Accounting & Finance Expense | D23287*E23279 | | 0.008839 | $1.90 |
| 23288 | Human Resources Expense | D23288*E23279 | | 0.008145 | $1.75 |
| 23289 | Information Management Expense | D23289*E23279 | | 0.057009 | $12.24 |
| 23290 | Intangibles | D23290*E23279 | | 0.002091 | $0.45 |
| 23291 | ***Directly Attributed Costs*** | Sum(E23282:E23290) | | | $50.87 |
| 23292 | | | | | |
| 23293 | ***TELRIC*** | E23282+E23291 | | | $265.54 |
| 23294 | | | | | |
| 23295 | ***Common*** | | | | |
| 23296 | Executive Expense | D23296*E23293 | | 0.007805 | $2.07 |
| 23297 | Planning Expense | D23297*E23293 | | 0.000580 | $0.15 |
| 23298 | External Relations Expense | D23298*E23293 | | 0.013029 | $3.46 |
| 23299 | Legal Expense | D23299*E23293 | | 0.006148 | $1.63 |
| 23300 | Other Procurement Expense | D23300*E23293 | | 0.002359 | $0.63 |
| 23301 | Research & Development Expense | D23301*E23293 | | 0.000036 | $0.01 |
| 23302 | Other General and Admin Expense | D23302*E23293 | | 0.015212 | $4.04 |
| 23303 | ***Common Costs*** | Sum(E23296:E23302) | | | $11.99 |
| 23304 | | | | | |
| 23305 | ***TELRIC + Common Costs*** | E23293+E23303 | | | $277.54 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MANHOLE MAKE-READY INSPECTOR Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Inspector time during manhole innerduct placement | 360 | 1.000 | | | | 360.00 | $51.76 | $310.56 |
| *Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)* | | | | | | **360.00** | | **$310.56** |
| *Total For Service:* | | | | | | **360.00** | | **$310.56** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANHOLE MAKE-READY INSPECTOR Per Manhole (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | D | E |
| 23357 | **Direct Cost** | | | $310.56 |
| 23358 | | | | |
| 23359 | | | | |
| 23360 | | | | |
| 23361 | | | | |
| 23362 | ***Directly Assigned*** | | | |
| 23363 | Product Management Expense | D23363*E23357 | 0.025565 | $7.94 |
| 23364 | Sales Expense | D23364*E23357 | 0.009225 | $2.86 |
| 23365 | Product Advertising Expense | D23365*E23357 | 0.000000 | $0.00 |
| 23366 | Business Fees (Other Operating Taxes) | D23366*Sum(E23357:E23365) | 0.002025 | $0.65 |
| 23367 | ***Directly Assigned Costs*** | Sum(E23357:E23366) | | $11.46 |
| 23368 | | | | |
| 23369 | ***Total Direct Costs*** | E23357+E23367 | | $322.02 |
| 23370 | | | | |
| 23371 | ***Directly Attributed*** | | | |
| 23372 | Network Operations | D23372*E23369 | 0.040880 | $13.16 |
| 23373 | Network Support Assets | D23373*E23369 | 0.015364 | $4.95 |
| 23374 | General Support Assets | D23374*E23369 | 0.069508 | $22.38 |
| 23375 | General Purpose Computers | D23375*E23369 | 0.034714 | $11.18 |
| 23376 | Uncollectible | D23376*E23369 | 0.000401 | $0.13 |
| 23377 | Accounting & Finance Expense | D23377*E23369 | 0.008839 | $2.85 |
| 23378 | Human Resources Expense | D23378*E23369 | 0.008145 | $2.62 |
| 23379 | Information Management Expense | D23379*E23369 | 0.057009 | $18.36 |
| 23380 | Intangibles | D23380*E23369 | 0.002091 | $0.67 |
| 23381 | ***Directly Attributed Costs*** | Sum(E23372:E23380) | | $76.30 |
| 23382 | | | | |
| 23383 | ***TELRIC*** | E23372+E23381 | | $398.32 |
| 23384 | | | | |
| 23385 | ***Common*** | | | |
| 23386 | Executive Expense | D23386*E23383 | 0.007805 | $3.11 |
| 23387 | Planning Expense | D23387*E23383 | 0.000580 | $0.23 |
| 23388 | External Relations Expense | D23388*E23383 | 0.013029 | $5.19 |
| 23389 | Legal Expense | D23389*E23383 | 0.006148 | $2.45 |
| 23390 | Other Procurement Expense | D23390*E23383 | 0.002359 | $0.94 |
| 23391 | Research & Development Expense | D23391*E23383 | 0.000036 | $0.01 |
| 23392 | Other General and Admin Expense | D23392*E23383 | 0.015212 | $6.06 |
| 23393 | ***Common Costs*** | Sum(E23386:E23392) | | $17.99 |
| 23394 | | | | |
| 23395 | ***TELRIC + Common Costs*** | E23383+E23393 | | $416.31 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***RIGHT-OF-WAY INQUIRY*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RIGHT-OF-WAY MANAGER | | | | | | | | |
| Research and Preparation of Right-Of-Way | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| *Subtotal - RIGHT-OF-WAY MANAGER* | | | | | | **120.00** | | **$103.52** |
| *Total For Service:* | | | | | | **120.00** | | **$103.52** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |
| | ***RIGHT-OF-WAY INQUIRY (con't)*** | | | | | | | | |
| 23447 | **Direct Cost** | | | | | | | | $103.52 |
| 23448 | | | | | | | | | |
| 23449 | | **Cost Calculation** | | | **Cost Factor** | | **Cost** | | |
| 23450 | | B | | C | D | | E | | |
| 23451 | | | | | | | | | |
| 23452 | ***Directly Assigned*** | | | | | | | | |
| 23453 | Product Management Expense | D23453*E23447 | | | 0.025565 | | $2.65 | | |
| 23454 | Sales Expense | D23454*E23447 | | | 0.009225 | | $0.95 | | |
| 23455 | Product Advertising Expense | D23455*E23447 | | | 0.000000 | | $0.00 | | |
| 23456 | Business Fees (Other Operating Taxes) | D23456*Sum(E23447:E23455) | | | 0.002025 | | $0.22 | | |
| 23457 | ***Directly Assigned Costs*** | Sum(E23447:E23456) | | | | | $3.82 | | |
| 23458 | | | | | | | | | |
| 23459 | ***Total Direct Costs*** | E23447+E23457 | | | | | $107.34 | | |
| 23460 | | | | | | | | | |
| 23461 | ***Directly Attributed*** | | | | | | | | |
| 23462 | Network Operations | D23462*E23459 | | | 0.040880 | | $4.39 | | |
| 23463 | Network Support Assets | D23463*E23459 | | | 0.015364 | | $1.65 | | |
| 23464 | General Support Assets | D23464*E23459 | | | 0.069508 | | $7.46 | | |
| 23465 | General Purpose Computers | D23465*E23459 | | | 0.034714 | | $3.73 | | |
| 23466 | Uncollectible | D23466*E23459 | | | 0.000401 | | $0.04 | | |
| 23467 | Accounting & Finance Expense | D23467*E23459 | | | 0.008839 | | $0.95 | | |
| 23468 | Human Resources Expense | D23468*E23459 | | | 0.008145 | | $0.87 | | |
| 23469 | Information Management Expense | D23469*E23459 | | | 0.057009 | | $6.12 | | |
| 23470 | Intangibles | D23470*E23459 | | | 0.002091 | | $0.22 | | |
| 23471 | ***Directly Attributed Costs*** | Sum(E23462:E23470) | | | | | $25.43 | | |
| 23472 | | | | | | | | | |
| 23473 | ***TELRIC*** | E23462+E23471 | | | | | $132.77 | | |
| 23474 | | | | | | | | | |
| 23475 | ***Common*** | | | | | | | | |
| 23476 | Executive Expense | D23476*E23473 | | | 0.007805 | | $1.04 | | |
| 23477 | Planning Expense | D23477*E23473 | | | 0.000580 | | $0.08 | | |
| 23478 | External Relations Expense | D23478*E23473 | | | 0.013029 | | $1.73 | | |
| 23479 | Legal Expense | D23479*E23473 | | | 0.006148 | | $0.82 | | |
| 23480 | Other Procurement Expense | D23480*E23473 | | | 0.002359 | | $0.31 | | |
| 23481 | Research & Development Expense | D23481*E23473 | | | 0.000036 | | $0.00 | | |
| 23482 | Other General and Admin Expense | D23482*E23473 | | | 0.015212 | | $2.02 | | |
| 23483 | ***Common Costs*** | Sum(E23476:E23482) | | | | | $6.00 | | |
| 23484 | | | | | | | | | |
| 23485 | ***TELRIC + Common Costs*** | E23473+E23483 | | | | | $138.77 | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***RIGHT-OF-WAY DOCUMENT PREPARATION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)** | | | | | | | | |
| Inspector time during manhole innerduct placement | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **120.00** | | **$103.52** |
| ***Total For Service:*** | | | | | | **120.00** | | **$103.52** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***RIGHT-OF-WAY DOCUMENT PREPARATION*** ***(con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 23537 | **Direct Cost** | | | | $103.52 |
| 23538 | | | | | |
| 23539 | | | | | |
| 23540 | | | | | |
| 23541 | | | | | |
| 23542 | ***Directly Assigned*** | | | | |
| 23543 | Product Management Expense | D23543*E23537 | | 0.025565 | $2.65 |
| 23544 | Sales Expense | D23544*E23537 | | 0.009225 | $0.95 |
| 23545 | Product Advertising Expense | D23545*E23537 | | 0.000000 | $0.00 |
| 23546 | Business Fees (Other Operating Taxes) | D23546*Sum(E23537:E23545) | | 0.002025 | $0.22 |
| 23547 | ***Directly Assigned Costs*** | Sum(E23537:E23546) | | | $3.82 |
| 23548 | | | | | |
| 23549 | ***Total Direct Costs*** | E23537+E23547 | | | $107.34 |
| 23550 | | | | | |
| 23551 | ***Directly Attributed*** | | | | |
| 23552 | Network Operations | D23552*E23549 | | 0.040880 | $4.39 |
| 23553 | Network Support Assets | D23553*E23549 | | 0.015364 | $1.65 |
| 23554 | General Support Assets | D23554*E23549 | | 0.069508 | $7.46 |
| 23555 | General Purpose Computers | D23555*E23549 | | 0.034714 | $3.73 |
| 23556 | Uncollectible | D23556*E23549 | | 0.000401 | $0.04 |
| 23557 | Accounting & Finance Expense | D23557*E23549 | | 0.008839 | $0.95 |
| 23558 | Human Resources Expense | D23558*E23549 | | 0.008145 | $0.87 |
| 23559 | Information Management Expense | D23559*E23549 | | 0.057009 | $6.12 |
| 23560 | Intangibles | D23560*E23549 | | 0.002091 | $0.22 |
| 23561 | ***Directly Attributed Costs*** | Sum(E23552:E23560) | | | $25.43 |
| 23562 | | | | | |
| 23563 | ***TELRIC*** | E23552+E23561 | | | $132.77 |
| 23564 | | | | | |
| 23565 | ***Common*** | | | | |
| 23566 | Executive Expense | D23566*E23563 | | 0.007805 | $1.04 |
| 23567 | Planning Expense | D23567*E23563 | | 0.000580 | $0.08 |
| 23568 | External Relations Expense | D23568*E23563 | | 0.013029 | $1.73 |
| 23569 | Legal Expense | D23569*E23563 | | 0.006148 | $0.82 |
| 23570 | Other Procurement Expense | D23570*E23563 | | 0.002359 | $0.31 |
| 23571 | Research & Development Expense | D23571*E23563 | | 0.000036 | $0.00 |
| 23572 | Other General and Admin Expense | D23572*E23563 | | 0.015212 | $2.02 |
| 23573 | ***Common Costs*** | Sum(E23566:E23572) | | | $6.00 |
| 23574 | | | | | |
| 23575 | ***TELRIC + Common Costs*** | E23563+E23573 | | | $138.77 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***BONAFIDE REQUEST PROCESS FEE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INFRASTRUCTURE AVAILABILTY CENTER** | | | | | | | | |
| ***.5 PROBABILITY IS % TIME THIS ACTIVITY WILL OCCUR.*** | | | | | | | | |
| Compose and dispurse related documents. | 30 | 1.000 | | | | 30.00 | $56.97 | $28.49 |
| Input 30 day input plan | 240 | 1.000 | | | | 240.00 | $56.97 | $227.88 |
| Provide AMC group with IP strategy and recommendation | 30 | 1.000 | | | | 30.00 | $56.97 | $28.49 |
| ***Subtotal - INFRASTRUCTURE AVAILABILTY CENTER*** | | | | | | **300.00** | | **$284.85** |
| **-INTERCONNECTION PLANNING** | | | | | | | | |
| Review documentation, determine in request qualifies | 60 | 1.000 | | | | 60.00 | $69.25 | $69.25 |
| Input 30 day input plan | 240 | 1.000 | | | | 240.00 | $69.25 | $277.00 |
| Detailed research and analysis with all SMEs | 240 | 1.000 | | | | 240.00 | $69.25 | $277.00 |
| Develop written strategy, Obtain approval | 720 | 1.000 | | | | 720.00 | $69.25 | $831.00 |
| ***Subtotal - INTERCONNECTION PLANNING*** | | | | | | **1,260.00** | | **$1,454.25** |
| ***Total For Service:*** | | | | | | **1,560.00** | | **$1,739.10** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***BONAFIDE REQUEST PROCESS FEE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23627 | **Direct Cost** | | | | $1,739.10 |
| 23628 | | | | | |
| 23629 | | | Cost Calculation | Cost Factor | Cost |
| 23630 | | | B | C | D | E |
| 23631 | | | | | | |
| 23632 | ***Directly Assigned*** | | | | |
| 23633 | Product Management Expense | | D23633*E23627 | 0.025565 | $44.46 |
| 23634 | Sales Expense | | D23634*E23627 | 0.009225 | $16.04 |
| 23635 | Product Advertising Expense | | D23635*E23627 | 0.000000 | $0.00 |
| 23636 | Business Fees (Other Operating Taxes) | | D23636*Sum(E23627:E23635) | 0.002025 | $3.64 |
| 23637 | ***Directly Assigned Costs*** | | Sum(E23627:E23636) | | $64.15 |
| 23638 | | | | | |
| 23639 | ***Total Direct Costs*** | | E23627+E23637 | | $1,803.25 |
| 23640 | | | | | |
| 23641 | ***Directly Attributed*** | | | | |
| 23642 | Network Operations | | D23642*E23639 | 0.040880 | $73.72 |
| 23643 | Network Support Assets | | D23643*E23639 | 0.015364 | $27.71 |
| 23644 | General Support Assets | | D23644*E23639 | 0.069508 | $125.34 |
| 23645 | General Purpose Computers | | D23645*E23639 | 0.034714 | $62.60 |
| 23646 | Uncollectible | | D23646*E23639 | 0.000401 | $0.72 |
| 23647 | Accounting & Finance Expense | | D23647*E23639 | 0.008839 | $15.94 |
| 23648 | Human Resources Expense | | D23648*E23639 | 0.008145 | $14.69 |
| 23649 | Information Management Expense | | D23649*E23639 | 0.057009 | $102.80 |
| 23650 | Intangibles | | D23650*E23639 | 0.002091 | $3.77 |
| 23651 | ***Directly Attributed Costs*** | | Sum(E23642:E23650) | | $427.28 |
| 23652 | | | | | |
| 23653 | ***TELRIC*** | | E23642+E23651 | | $2,230.53 |
| 23654 | | | | | |
| 23655 | ***Common*** | | | | |
| 23656 | Executive Expense | | D23656*E23653 | 0.007805 | $17.41 |
| 23657 | Planning Expense | | D23657*E23653 | 0.000580 | $1.29 |
| 23658 | External Relations Expense | | D23658*E23653 | 0.013029 | $29.06 |
| 23659 | Legal Expense | | D23659*E23653 | 0.006148 | $13.71 |
| 23660 | Other Procurement Expense | | D23660*E23653 | 0.002359 | $5.26 |
| 23661 | Research & Development Expense | | D23661*E23653 | 0.000036 | $0.08 |
| 23662 | Other General and Admin Expense | | D23662*E23653 | 0.015212 | $33.93 |
| 23663 | ***Common Costs*** | | Sum(E23656:E23662) | | $100.75 |
| 23664 | | | | | |
| 23665 | ***TELRIC + Common Costs*** | | E23653+E23663 | | $2,331.28 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **200.85** | | **$143.24** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 23807 | **Direct Cost** | | | | $143.24 |
| 23808 | | | | | |
| 23809 | | | | | |
| 23810 | | | | | |
| 23811 | | | | | |
| 23812 | ***Directly Assigned*** | | | | |
| 23813 | Product Management Expense | D23813*E23807 | | 0.025565 | $3.66 |
| 23814 | Sales Expense | D23814*E23807 | | 0.009225 | $1.32 |
| 23815 | Product Advertising Expense | D23815*E23807 | | 0.000000 | $0.00 |
| 23816 | Business Fees (Other Operating Taxes) | D23816*Sum(E23807:E23815) | | 0.002025 | $0.30 |
| 23817 | ***Directly Assigned Costs*** | Sum(E23807:E23816) | | | $5.28 |
| 23818 | | | | | |
| 23819 | ***Total Direct Costs*** | E23807+E23817 | | | $148.52 |
| 23820 | | | | | |
| 23821 | ***Directly Attributed*** | | | | |
| 23822 | Network Operations | D23822*E23819 | | 0.040880 | $6.07 |
| 23823 | Network Support Assets | D23823*E23819 | | 0.015364 | $2.28 |
| 23824 | General Support Assets | D23824*E23819 | | 0.069508 | $10.32 |
| 23825 | General Purpose Computers | D23825*E23819 | | 0.034714 | $5.16 |
| 23826 | Uncollectible | D23826*E23819 | | 0.000401 | $0.06 |
| 23827 | Accounting & Finance Expense | D23827*E23819 | | 0.008839 | $1.31 |
| 23828 | Human Resources Expense | D23828*E23819 | | 0.008145 | $1.21 |
| 23829 | Information Management Expense | D23829*E23819 | | 0.057009 | $8.47 |
| 23830 | Intangibles | D23830*E23819 | | 0.002091 | $0.31 |
| 23831 | ***Directly Attributed Costs*** | Sum(E23822:E23830) | | | $35.19 |
| 23832 | | | | | |
| 23833 | ***TELRIC*** | E23822+E23831 | | | $183.72 |
| 23834 | | | | | |
| 23835 | ***Common*** | | | | |
| 23836 | Executive Expense | D23836*E23833 | | 0.007805 | $1.43 |
| 23837 | Planning Expense | D23837*E23833 | | 0.000580 | $0.11 |
| 23838 | External Relations Expense | D23838*E23833 | | 0.013029 | $2.39 |
| 23839 | Legal Expense | D23839*E23833 | | 0.006148 | $1.13 |
| 23840 | Other Procurement Expense | D23840*E23833 | | 0.002359 | $0.43 |
| 23841 | Research & Development Expense | D23841*E23833 | | 0.000036 | $0.01 |
| 23842 | Other General and Admin Expense | D23842*E23833 | | 0.015212 | $2.79 |
| 23843 | ***Common Costs*** | Sum(E23836:E23842) | | | $8.30 |
| 23844 | | | | | |
| 23845 | ***TELRIC + Common Costs*** | E23833+E23843 | | | $192.02 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **200.85** | | **$143.24** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 23987 | **Direct Cost** | | | | $143.24 |
| 23988 | | | | | |
| 23989 | | | | | |
| 23990 | | | | | |
| 23991 | | | | | |
| 23992 | ***Directly Assigned*** | | | | |
| 23993 | Product Management Expense | D23993*E23987 | | 0.025565 | $3.66 |
| 23994 | Sales Expense | D23994*E23987 | | 0.009225 | $1.32 |
| 23995 | Product Advertising Expense | D23995*E23987 | | 0.000000 | $0.00 |
| 23996 | Business Fees (Other Operating Taxes) | D23996*Sum(E23987:E23995) | | 0.002025 | $0.30 |
| 23997 | ***Directly Assigned Costs*** | Sum(E23987:E23996) | | | $5.28 |
| 23998 | | | | | |
| 23999 | ***Total Direct Costs*** | E23987+E23997 | | | $148.52 |
| 24000 | | | | | |
| 24001 | ***Directly Attributed*** | | | | |
| 24002 | Network Operations | D24002*E23999 | | 0.040880 | $6.07 |
| 24003 | Network Support Assets | D24003*E23999 | | 0.015364 | $2.28 |
| 24004 | General Support Assets | D24004*E23999 | | 0.069508 | $10.32 |
| 24005 | General Purpose Computers | D24005*E23999 | | 0.034714 | $5.16 |
| 24006 | Uncollectible | D24006*E23999 | | 0.000401 | $0.06 |
| 24007 | Accounting & Finance Expense | D24007*E23999 | | 0.008839 | $1.31 |
| 24008 | Human Resources Expense | D24008*E23999 | | 0.008145 | $1.21 |
| 24009 | Information Management Expense | D24009*E23999 | | 0.057009 | $8.47 |
| 24010 | Intangibles | D24010*E23999 | | 0.002091 | $0.31 |
| 24011 | ***Directly Attributed Costs*** | Sum(E24002:E24010) | | | $35.19 |
| 24012 | | | | | |
| 24013 | ***TELRIC*** | E24002+E24011 | | | $183.72 |
| 24014 | | | | | |
| 24015 | ***Common*** | | | | |
| 24016 | Executive Expense | D24016*E24013 | | 0.007805 | $1.43 |
| 24017 | Planning Expense | D24017*E24013 | | 0.000580 | $0.11 |
| 24018 | External Relations Expense | D24018*E24013 | | 0.013029 | $2.39 |
| 24019 | Legal Expense | D24019*E24013 | | 0.006148 | $1.13 |
| 24020 | Other Procurement Expense | D24020*E24013 | | 0.002359 | $0.43 |
| 24021 | Research & Development Expense | D24021*E24013 | | 0.000036 | $0.01 |
| 24022 | Other General and Admin Expense | D24022*E24013 | | 0.015212 | $2.79 |
| 24023 | ***Common Costs*** | Sum(E24016:E24022) | | | $8.30 |
| 24024 | | | | | |
| 24025 | ***TELRIC + Common Costs*** | E24013+E24023 | | | $192.02 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)*** | | | | | | | | |
| ***Subtotal - CO*** | | | | | | **29.00** | | **$21.17** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Travel to end user premises | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Contact CCT-I (Customer Communication Technician-Implementor) to work order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify customer/co-provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post order complete in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **55.00** | | **$40.16** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| -CO | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISABLE CIRCUIT | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| DISC JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CO*** | | | | | | **11.30** | | **$8.25** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **241.40** | | **$170.16** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24167 | **Direct Cost** | | | | $170.16 |
| 24168 | | | | | |
| 24169 | | Cost Calculation | | Cost Factor | Cost |
| 24170 | | | | | |
| 24171 | | B | C | D | E |
| 24172 | ***Directly Assigned*** | | | | |
| 24173 | Product Management Expense | D24173*E24167 | | 0.025565 | $4.35 |
| 24174 | Sales Expense | D24174*E24167 | | 0.009225 | $1.57 |
| 24175 | Product Advertising Expense | D24175*E24167 | | 0.000000 | $0.00 |
| 24176 | Business Fees (Other Operating Taxes) | D24176*Sum(E24167:E24175) | | 0.002025 | $0.36 |
| 24177 | ***Directly Assigned Costs*** | Sum(E24167:E24176) | | | $6.28 |
| 24178 | | | | | |
| 24179 | ***Total Direct Costs*** | E24167+E24177 | | | $176.44 |
| 24180 | | | | | |
| 24181 | ***Directly Attributed*** | | | | |
| 24182 | Network Operations | D24182*E24179 | | 0.040880 | $7.21 |
| 24183 | Network Support Assets | D24183*E24179 | | 0.015364 | $2.71 |
| 24184 | General Support Assets | D24184*E24179 | | 0.069508 | $12.26 |
| 24185 | General Purpose Computers | D24185*E24179 | | 0.034714 | $6.12 |
| 24186 | Uncollectible | D24186*E24179 | | 0.000401 | $0.07 |
| 24187 | Accounting & Finance Expense | D24187*E24179 | | 0.008839 | $1.56 |
| 24188 | Human Resources Expense | D24188*E24179 | | 0.008145 | $1.44 |
| 24189 | Information Management Expense | D24189*E24179 | | 0.057009 | $10.06 |
| 24190 | Intangibles | D24190*E24179 | | 0.002091 | $0.37 |
| 24191 | ***Directly Attributed Costs*** | Sum(E24182:E24190) | | | $41.81 |
| 24192 | | | | | |
| 24193 | ***TELRIC*** | E24182+E24191 | | | $218.24 |
| 24194 | | | | | |
| 24195 | ***Common*** | | | | |
| 24196 | Executive Expense | D24196*E24193 | | 0.007805 | $1.70 |
| 24197 | Planning Expense | D24197*E24193 | | 0.000580 | $0.13 |
| 24198 | External Relations Expense | D24198*E24193 | | 0.013029 | $2.84 |
| 24199 | Legal Expense | D24199*E24193 | | 0.006148 | $1.34 |
| 24200 | Other Procurement Expense | D24200*E24193 | | 0.002359 | $0.51 |
| 24201 | Research & Development Expense | D24201*E24193 | | 0.000036 | $0.01 |
| 24202 | Other General and Admin Expense | D24202*E24193 | | 0.015212 | $3.32 |
| 24203 | ***Common Costs*** | Sum(E24196:E24202) | | | $9.86 |
| 24204 | | | | | |
| 24205 | ***TELRIC + Common Costs*** | E24193+E24203 | | | $228.10 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CO*** | | | | | | **29.00** | | **$21.17** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)*** | | | | | | | | |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove cross-connect | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)*** | | | | | | | | |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| ***Total For Service:*** | | | | | | **156.60** | | **$111.05** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 24347 | **Direct Cost** | | | | $111.05 |
| 24348 | | | | | |
| 24349 | | | | | |
| 24350 | | | | | |
| 24351 | | | | | |
| 24352 | ***Directly Assigned*** | | | | |
| 24353 | Product Management Expense | D24353*E24347 | | 0.025565 | $2.84 |
| 24354 | Sales Expense | D24354*E24347 | | 0.009225 | $1.02 |
| 24355 | Product Advertising Expense | D24355*E24347 | | 0.000000 | $0.00 |
| 24356 | Business Fees (Other Operating Taxes) | D24356*Sum(E24347:E24355) | | 0.002025 | $0.23 |
| 24357 | ***Directly Assigned Costs*** | Sum(E24347:E24356) | | | $4.10 |
| 24358 | | | | | |
| 24359 | ***Total Direct Costs*** | E24347+E24357 | | | $115.15 |
| 24360 | | | | | |
| 24361 | ***Directly Attributed*** | | | | |
| 24362 | Network Operations | D24362*E24359 | | 0.040880 | $4.71 |
| 24363 | Network Support Assets | D24363*E24359 | | 0.015364 | $1.77 |
| 24364 | General Support Assets | D24364*E24359 | | 0.069508 | $8.00 |
| 24365 | General Purpose Computers | D24365*E24359 | | 0.034714 | $4.00 |
| 24366 | Uncollectible | D24366*E24359 | | 0.000401 | $0.05 |
| 24367 | Accounting & Finance Expense | D24367*E24359 | | 0.008839 | $1.02 |
| 24368 | Human Resources Expense | D24368*E24359 | | 0.008145 | $0.94 |
| 24369 | Information Management Expense | D24369*E24359 | | 0.057009 | $6.56 |
| 24370 | Intangibles | D24370*E24359 | | 0.002091 | $0.24 |
| 24371 | ***Directly Attributed Costs*** | Sum(E24362:E24370) | | | $27.28 |
| 24372 | | | | | |
| 24373 | ***TELRIC*** | E24362+E24371 | | | $142.43 |
| 24374 | | | | | |
| 24375 | ***Common*** | | | | |
| 24376 | Executive Expense | D24376*E24373 | | 0.007805 | $1.11 |
| 24377 | Planning Expense | D24377*E24373 | | 0.000580 | $0.08 |
| 24378 | External Relations Expense | D24378*E24373 | | 0.013029 | $1.86 |
| 24379 | Legal Expense | D24379*E24373 | | 0.006148 | $0.88 |
| 24380 | Other Procurement Expense | D24380*E24373 | | 0.002359 | $0.34 |
| 24381 | Research & Development Expense | D24381*E24373 | | 0.000036 | $0.01 |
| 24382 | Other General and Admin Expense | D24382*E24373 | | 0.015212 | $2.17 |
| 24383 | ***Common Costs*** | Sum(E24376:E24382) | | | $6.43 |
| 24384 | | | | | |
| 24385 | ***TELRIC + Common Costs*** | E24373+E24383 | | | $148.86 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)*** | | | | | | | | |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)*** | | | | | | | | |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **302.45** | | **$215.24** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24527 | **Direct Cost** | | | | $215.24 |
| 24528 | | | | | |
| 24529 | | Cost Calculation | | Cost Factor | Cost |
| 24530 | | B | | C | D |
| 24531 | | | | | E |
| 24532 | ***Directly Assigned*** | | | | |
| 24533 | Product Management Expense | D24533*E24527 | | 0.025565 | $5.50 |
| 24534 | Sales Expense | D24534*E24527 | | 0.009225 | $1.99 |
| 24535 | Product Advertising Expense | D24535*E24527 | | 0.000000 | $0.00 |
| 24536 | Business Fees (Other Operating Taxes) | D24536*Sum(E24527:E24535) | | 0.002025 | $0.45 |
| 24537 | ***Directly Assigned Costs*** | Sum(E24527:E24536) | | | $7.94 |
| 24538 | | | | | |
| 24539 | ***Total Direct Costs*** | E24527+E24537 | | | $223.18 |
| 24540 | | | | | |
| 24541 | ***Directly Attributed*** | | | | |
| 24542 | Network Operations | D24542*E24539 | | 0.040880 | $9.12 |
| 24543 | Network Support Assets | D24543*E24539 | | 0.015364 | $3.43 |
| 24544 | General Support Assets | D24544*E24539 | | 0.069508 | $15.51 |
| 24545 | General Purpose Computers | D24545*E24539 | | 0.034714 | $7.75 |
| 24546 | Uncollectible | D24546*E24539 | | 0.000401 | $0.09 |
| 24547 | Accounting & Finance Expense | D24547*E24539 | | 0.008839 | $1.97 |
| 24548 | Human Resources Expense | D24548*E24539 | | 0.008145 | $1.82 |
| 24549 | Information Management Expense | D24549*E24539 | | 0.057009 | $12.72 |
| 24550 | Intangibles | D24550*E24539 | | 0.002091 | $0.47 |
| 24551 | ***Directly Attributed Costs*** | Sum(E24542:E24550) | | | $52.88 |
| 24552 | | | | | |
| 24553 | ***TELRIC*** | E24542+E24551 | | | $276.06 |
| 24554 | | | | | |
| 24555 | ***Common*** | | | | |
| 24556 | Executive Expense | D24556*E24553 | | 0.007805 | $2.15 |
| 24557 | Planning Expense | D24557*E24553 | | 0.000580 | $0.16 |
| 24558 | External Relations Expense | D24558*E24553 | | 0.013029 | $3.60 |
| 24559 | Legal Expense | D24559*E24553 | | 0.006148 | $1.70 |
| 24560 | Other Procurement Expense | D24560*E24553 | | 0.002359 | $0.65 |
| 24561 | Research & Development Expense | D24561*E24553 | | 0.000036 | $0.01 |
| 24562 | Other General and Admin Expense | D24562*E24553 | | 0.015212 | $4.20 |
| 24563 | ***Common Costs*** | Sum(E24556:E24562) | | | $12.47 |
| 24564 | | | | | |
| 24565 | ***TELRIC + Common Costs*** | E24553+E24563 | | | $288.53 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL (con't)*** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| ***Total For Service:*** | | | | | | **219.65** | | **$157.59** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24662 | **Direct Cost** | | | | $157.59 |
| 24663 | | | | | |
| 24664 | | | | | |
| 24665 | | Cost Calculation | | Cost Factor | Cost |
| 24666 | | B | C | D | E |
| 24667 | ***Directly Assigned*** | | | | |
| 24668 | Product Management Expense | D24668*E24662 | | 0.025565 | $4.03 |
| 24669 | Sales Expense | D24669*E24662 | | 0.009225 | $1.45 |
| 24670 | Product Advertising Expense | D24670*E24662 | | 0.000000 | $0.00 |
| 24671 | Business Fees (Other Operating Taxes) | D24671*Sum(E24662:E24670) | | 0.002025 | $0.33 |
| 24672 | ***Directly Assigned Costs*** | Sum(E24662:E24671) | | | $5.81 |
| 24673 | | | | | |
| 24674 | ***Total Direct Costs*** | E24662+E24672 | | | $163.40 |
| 24675 | | | | | |
| 24676 | ***Directly Attributed*** | | | | |
| 24677 | Network Operations | D24677*E24674 | | 0.040880 | $6.68 |
| 24678 | Network Support Assets | D24678*E24674 | | 0.015364 | $2.51 |
| 24679 | General Support Assets | D24679*E24674 | | 0.069508 | $11.36 |
| 24680 | General Purpose Computers | D24680*E24674 | | 0.034714 | $5.67 |
| 24681 | Uncollectible | D24681*E24674 | | 0.000401 | $0.07 |
| 24682 | Accounting & Finance Expense | D24682*E24674 | | 0.008839 | $1.44 |
| 24683 | Human Resources Expense | D24683*E24674 | | 0.008145 | $1.33 |
| 24684 | Information Management Expense | D24684*E24674 | | 0.057009 | $9.32 |
| 24685 | Intangibles | D24685*E24674 | | 0.002091 | $0.34 |
| 24686 | ***Directly Attributed Costs*** | Sum(E24677:E24685) | | | $38.72 |
| 24687 | | | | | |
| 24688 | ***TELRIC*** | E24677+E24686 | | | $202.12 |
| 24689 | | | | | |
| 24690 | ***Common*** | | | | |
| 24691 | Executive Expense | D24691*E24688 | | 0.007805 | $1.58 |
| 24692 | Planning Expense | D24692*E24688 | | 0.000580 | $0.12 |
| 24693 | External Relations Expense | D24693*E24688 | | 0.013029 | $2.63 |
| 24694 | Legal Expense | D24694*E24688 | | 0.006148 | $1.24 |
| 24695 | Other Procurement Expense | D24695*E24688 | | 0.002359 | $0.48 |
| 24696 | Research & Development Expense | D24696*E24688 | | 0.000036 | $0.01 |
| 24697 | Other General and Admin Expense | D24697*E24688 | | 0.015212 | $3.07 |
| 24698 | ***Common Costs*** | Sum(E24691:E24697) | | | $9.13 |
| 24699 | | | | | |
| 24700 | ***TELRIC + Common Costs*** | E24688+E24698 | | | $211.25 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| D CHANNEL TRK GROUP | 35 | 0.660 | | | | 23.10 | $41.45 | $15.96 |
| PER B CHANNEL TRK GROUP | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ALTERNATE RI FOR DATA | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| *Subtotal - NROC* | | | | | | 260.70 | | $180.10 |
| -TRANSLATIONS - INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 25 | 0.660 | | | | 16.50 | $41.45 | $11.40 |
| PER B CHANNEL TRK GROUP | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ALTERNATE RI FOR DATA | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| *Subtotal - TRANSLATIONS - INPUT* | | | | | | 204.60 | | $141.34 |
| *DISCONNECT* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| PER B CHANNEL TRK GROUP | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| *Subtotal - NROC* | | | | | | 135.30 | | $93.47 |
| -INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK GROUP | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - INPUT*** | | | | | | **118.80** | | **$82.07** |
| ***Total For Service:*** | | | | | | **719.40** | | **$496.99** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24797 | **Direct Cost** | | | | $496.99 |
| 24798 | | | | | |
| 24799 | | | Cost Calculation | Cost Factor | Cost |
| 24800 | | | B C | D | E |
| 24801 | | | | | |
| 24802 | ***Directly Assigned*** | | | | |
| 24803 | Product Management Expense | | D24803*E24797 | 0.025565 | $12.71 |
| 24804 | Sales Expense | | D24804*E24797 | 0.009225 | $4.58 |
| 24805 | Product Advertising Expense | | D24805*E24797 | 0.000000 | $0.00 |
| 24806 | Business Fees (Other Operating Taxes) | | D24806*Sum(E24797:E24805) | 0.002025 | $1.04 |
| 24807 | ***Directly Assigned Costs*** | | Sum(E24797:E24806) | | $18.33 |
| 24808 | | | | | |
| 24809 | ***Total Direct Costs*** | | E24797+E24807 | | $515.32 |
| 24810 | | | | | |
| 24811 | ***Directly Attributed*** | | | | |
| 24812 | Network Operations | | D24812*E24809 | 0.040880 | $21.07 |
| 24813 | Network Support Assets | | D24813*E24809 | 0.015364 | $7.92 |
| 24814 | General Support Assets | | D24814*E24809 | 0.069508 | $35.82 |
| 24815 | General Purpose Computers | | D24815*E24809 | 0.034714 | $17.89 |
| 24816 | Uncollectible | | D24816*E24809 | 0.000401 | $0.21 |
| 24817 | Accounting & Finance Expense | | D24817*E24809 | 0.008839 | $4.55 |
| 24818 | Human Resources Expense | | D24818*E24809 | 0.008145 | $4.20 |
| 24819 | Information Management Expense | | D24819*E24809 | 0.057009 | $29.38 |
| 24820 | Intangibles | | D24820*E24809 | 0.002091 | $1.08 |
| 24821 | ***Directly Attributed Costs*** | | Sum(E24812:E24820) | | $122.10 |
| 24822 | | | | | |
| 24823 | ***TELRIC*** | | E24812+E24821 | | $637.42 |
| 24824 | | | | | |
| 24825 | ***Common*** | | | | |
| 24826 | Executive Expense | | D24826*E24823 | 0.007805 | $4.98 |
| 24827 | Planning Expense | | D24827*E24823 | 0.000580 | $0.37 |
| 24828 | External Relations Expense | | D24828*E24823 | 0.013029 | $8.30 |
| 24829 | Legal Expense | | D24829*E24823 | 0.006148 | $3.92 |
| 24830 | Other Procurement Expense | | D24830*E24823 | 0.002359 | $1.50 |
| 24831 | Research & Development Expense | | D24831*E24823 | 0.000036 | $0.02 |
| 24832 | Other General and Admin Expense | | D24832*E24823 | 0.015212 | $9.70 |
| 24833 | ***Common Costs*** | | Sum(E24826:E24832) | | $28.79 |
| 24834 | | | | | |
| 24835 | ***TELRIC + Common Costs*** | | E24823+E24833 | | $666.21 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ALTERNATE RI FOR DATA | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| *Subtotal - NROC* | | | | | | 231.00 | | $159.58 |
| -NROC | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 140 | 0.100 | 0.200 | | | 2.80 | $41.45 | $1.93 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.200 | | | 2.40 | $41.45 | $1.66 |
| PER ROUTE INDEX | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| ALTERNATE RI FOR DATA | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| *Subtotal - NROC* | | | | | | 7.00 | | $4.84 |
| -INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ALTERNATE RI FOR DATA | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| *Subtotal - INPUT* | | | | | | 184.80 | | $127.67 |
| -NROC | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 100 | 0.100 | 0.200 | | | 2.00 | $41.45 | $1.38 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.200 | | | 2.40 | $41.45 | $1.66 |
| PER ROUTE INDEX | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| ALTERNATE RI FOR DATA | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| *Subtotal - NROC* | | | | | | **5.60** | | **$3.87** |
| ***DISCONNECT*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| *Subtotal - NROC* | | | | | | **125.40** | | **$86.63** |
| **-NROC** | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 40 | 0.100 | 0.800 | | | 3.20 | $41.45 | $2.21 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.800 | | | 9.60 | $41.45 | $6.63 |
| PER ROUTE INDEX | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ALTERNATE RI FOR DATA | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| *Subtotal - NROC* | | | | | | **15.20** | | **$10.50** |
| **-INPUT** | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***NROC*** | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 20 | 0.100 | 0.800 | | | 1.60 | $41.45 | $1.11 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.800 | | | 9.60 | $41.45 | $6.63 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| PER ROUTE INDEX | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ALTERNATE RI FOR DATA | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - INPUT*** | | | | | | **125.80** | | **$86.91** |
| ***Total For Service:*** | | | | | | **694.80** | | **$479.99** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24977 | **Direct Cost** | | | | $479.99 |
| 24978 | | | | | |
| 24979 | | | Cost Calculation | Cost Factor | Cost |
| 24980 | | | B | C | D | E |
| 24981 | | | | | | |
| 24982 | ***Directly Assigned*** | | | | |
| 24983 | Product Management Expense | | D24983*E24977 | 0.025565 | $12.27 |
| 24984 | Sales Expense | | D24984*E24977 | 0.009225 | $4.43 |
| 24985 | Product Advertising Expense | | D24985*E24977 | 0.000000 | $0.00 |
| 24986 | Business Fees (Other Operating Taxes) | | D24986*Sum(E24977:E24985) | 0.002025 | $1.01 |
| 24987 | ***Directly Assigned Costs*** | | Sum(E24977:E24986) | | $17.70 |
| 24988 | | | | | |
| 24989 | ***Total Direct Costs*** | | E24977+E24987 | | $497.70 |
| 24990 | | | | | |
| 24991 | ***Directly Attributed*** | | | | |
| 24992 | Network Operations | | D24992*E24989 | 0.040880 | $20.35 |
| 24993 | Network Support Assets | | D24993*E24989 | 0.015364 | $7.65 |
| 24994 | General Support Assets | | D24994*E24989 | 0.069508 | $34.59 |
| 24995 | General Purpose Computers | | D24995*E24989 | 0.034714 | $17.28 |
| 24996 | Uncollectible | | D24996*E24989 | 0.000401 | $0.20 |
| 24997 | Accounting & Finance Expense | | D24997*E24989 | 0.008839 | $4.40 |
| 24998 | Human Resources Expense | | D24998*E24989 | 0.008145 | $4.05 |
| 24999 | Information Management Expense | | D24999*E24989 | 0.057009 | $28.37 |
| 25000 | Intangibles | | D25000*E24989 | 0.002091 | $1.04 |
| 25001 | ***Directly Attributed Costs*** | | Sum(E24992:E25000) | | $117.93 |
| 25002 | | | | | |
| 25003 | ***TELRIC*** | | E24992+E25001 | | $615.63 |
| 25004 | | | | | |
| 25005 | ***Common*** | | | | |
| 25006 | Executive Expense | | D25006*E25003 | 0.007805 | $4.80 |
| 25007 | Planning Expense | | D25007*E25003 | 0.000580 | $0.36 |
| 25008 | External Relations Expense | | D25008*E25003 | 0.013029 | $8.02 |
| 25009 | Legal Expense | | D25009*E25003 | 0.006148 | $3.78 |
| 25010 | Other Procurement Expense | | D25010*E25003 | 0.002359 | $1.45 |
| 25011 | Research & Development Expense | | D25011*E25003 | 0.000036 | $0.02 |
| 25012 | Other General and Admin Expense | | D25012*E25003 | 0.015212 | $9.36 |
| 25013 | ***Common Costs*** | | Sum(E25006:E25012) | | $27.81 |
| 25014 | | | | | |
| 25015 | ***TELRIC + Common Costs*** | | E25003+E25013 | | $643.43 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| Alternate route index for data | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ***Subtotal - NROC*** | | | | | | **231.00** | | **$159.58** |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of total customers*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 20% add b-Channel trunk groups and B-channel member changes which impact the route index*** | | | | | | | | |
| Per B Channel trunk group | 140 | 0.100 | 0.200 | | | 2.80 | $41.45 | $1.93 |
| Per B Channel trunk member | 115 | 0.100 | 0.200 | | | 2.30 | $41.45 | $1.59 |
| Per route index | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| Alternate route index for data | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| ***Subtotal - NROC*** | | | | | | **6.90** | | **$4.77** |
| **-INPUT** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Alternate route index for data | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - INPUT*** | | | | | | **184.80** | | **$127.67** |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 20% add b-Channel trunk groups and B-channel member changes which impact the route index*** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)*** | | | | | | | | |
| Per B Channel trunk group | 100 | 0.100 | 0.200 | | | 2.00 | $41.45 | $1.38 |
| Per B Channel trunk member | 115 | 0.100 | 0.200 | | | 2.30 | $41.45 | $1.59 |
| Per route index | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| Alternate route index for data | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| ***Subtotal - NROC*** | | | | | | **5.50** | | **$3.80** |
| ***DISCONNECT*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| Alternate route index for data | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - NROC*** | | | | | | **125.40** | | **$86.63** |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 80% disconnect B-Channel trunk groups and B-Channel member changes which impact the route index.*** | | | | | | | | |
| Per B channel trunk group | 40 | 0.100 | 0.800 | | | 3.20 | $41.45 | $2.21 |
| Per B Channel trunk member | 115 | 0.100 | 0.800 | | | 9.20 | $41.45 | $6.36 |
| Per route index | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| Alternate route index for data | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - NROC*** | | | | | | **14.80** | | **$10.22** |
| **-INPUT** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B Channel trunk group | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| Alternate route index for data | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - INPUT*** | | | | | | **112.20** | | **$77.51** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 80% disconnect B-Channel trunk groups and B-Channel member changes which impact the route index.*** | | | | | | | | |
| Per B Channel trunk group | 20 | 0.100 | 0.800 | | | 1.60 | $41.45 | $1.11 |
| Per B Channel trunk member | 115 | 0.100 | 0.800 | | | 9.20 | $41.45 | $6.36 |
| Per route index | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| Alternate route index for data | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - NROC*** | | | | | | **13.20** | | **$9.12** |
| ***Total For Service:*** | | | | | | **693.80** | | **$479.30** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 25157 | **Direct Cost** | | | | $479.30 |
| 25158 | | | | | |
| 25159 | | | Cost Calculation | Cost Factor | Cost |
| 25160 | | | B | C | D | E |
| 25161 | | | | | | |
| 25162 | ***Directly Assigned*** | | | | |
| 25163 | Product Management Expense | | D25163*E25157 | 0.025565 | $12.25 |
| 25164 | Sales Expense | | D25164*E25157 | 0.009225 | $4.42 |
| 25165 | Product Advertising Expense | | D25165*E25157 | 0.000000 | $0.00 |
| 25166 | Business Fees (Other Operating Taxes) | | D25166*Sum(E25157:E25165) | 0.002025 | $1.00 |
| 25167 | ***Directly Assigned Costs*** | | Sum(E25157:E25166) | | $17.68 |
| 25168 | | | | | |
| 25169 | ***Total Direct Costs*** | | E25157+E25167 | | $496.98 |
| 25170 | | | | | |
| 25171 | ***Directly Attributed*** | | | | |
| 25172 | Network Operations | | D25172*E25169 | 0.040880 | $20.32 |
| 25173 | Network Support Assets | | D25173*E25169 | 0.015364 | $7.64 |
| 25174 | General Support Assets | | D25174*E25169 | 0.069508 | $34.54 |
| 25175 | General Purpose Computers | | D25175*E25169 | 0.034714 | $17.25 |
| 25176 | Uncollectible | | D25176*E25169 | 0.000401 | $0.20 |
| 25177 | Accounting & Finance Expense | | D25177*E25169 | 0.008839 | $4.39 |
| 25178 | Human Resources Expense | | D25178*E25169 | 0.008145 | $4.05 |
| 25179 | Information Management Expense | | D25179*E25169 | 0.057009 | $28.33 |
| 25180 | Intangibles | | D25180*E25169 | 0.002091 | $1.04 |
| 25181 | ***Directly Attributed Costs*** | | Sum(E25172:E25180) | | $117.76 |
| 25182 | | | | | |
| 25183 | ***TELRIC*** | | E25172+E25181 | | $614.74 |
| 25184 | | | | | |
| 25185 | ***Common*** | | | | |
| 25186 | Executive Expense | | D25186*E25183 | 0.007805 | $4.80 |
| 25187 | Planning Expense | | D25187*E25183 | 0.000580 | $0.36 |
| 25188 | External Relations Expense | | D25188*E25183 | 0.013029 | $8.01 |
| 25189 | Legal Expense | | D25189*E25183 | 0.006148 | $3.78 |
| 25190 | Other Procurement Expense | | D25190*E25183 | 0.002359 | $1.45 |
| 25191 | Research & Development Expense | | D25191*E25183 | 0.000036 | $0.02 |
| 25192 | Other General and Admin Expense | | D25192*E25183 | 0.015212 | $9.35 |
| 25193 | ***Common Costs*** | | Sum(E25186:E25192) | | $27.77 |
| 25194 | | | | | |
| 25195 | ***TELRIC + Common Costs*** | | E25183+E25193 | | $642.51 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | 37.00 | | $24.15 |
| -DESIGN SERVICE CENTER - DESIGN | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)*** | | | | | | | | |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| ***.05, .95 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| Build/validate Work Authorization | 5 | 0.042 | 0.050 | | | 0.01 | $44.31 | $0.01 |
| Build/validate Work Authorization | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Build/Verify CD (Circuit Detail) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Build/Verify CD (Circuit Detail) | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Verify LNO (Local Network Operation) completion | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Test Circuit | 25 | 0.042 | | | | 1.05 | $43.81 | $0.77 |
| Contact Customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **2.52** | | **$1.84** |
| ***Total For Service:*** | | | | | | **85.89** | | **$57.30** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 25337 | **Direct Cost** | | | | | $57.30 |
| 25338 | | | | | | |
| 25339 | | | Cost Calculation | | Cost Factor | Cost |
| 25340 | | | B | C | D | E |
| 25341 | | | | | | |
| 25342 | ***Directly Assigned*** | | | | | |
| 25343 | Product Management Expense | | D25343*E25337 | | 0.025565 | $1.46 |
| 25344 | Sales Expense | | D25344*E25337 | | 0.009225 | $0.53 |
| 25345 | Product Advertising Expense | | D25345*E25337 | | 0.000000 | $0.00 |
| 25346 | Business Fees (Other Operating Taxes) | | D25346*Sum(E25337:E25345) | | 0.002025 | $0.12 |
| 25347 | ***Directly Assigned Costs*** | | Sum(E25337:E25346) | | | $2.11 |
| 25348 | | | | | | |
| 25349 | ***Total Direct Costs*** | | E25337+E25347 | | | $59.41 |
| 25350 | | | | | | |
| 25351 | ***Directly Attributed*** | | | | | |
| 25352 | Network Operations | | D25352*E25349 | | 0.040880 | $2.43 |
| 25353 | Network Support Assets | | D25353*E25349 | | 0.015364 | $0.91 |
| 25354 | General Support Assets | | D25354*E25349 | | 0.069508 | $4.13 |
| 25355 | General Purpose Computers | | D25355*E25349 | | 0.034714 | $2.06 |
| 25356 | Uncollectible | | D25356*E25349 | | 0.000401 | $0.02 |
| 25357 | Accounting & Finance Expense | | D25357*E25349 | | 0.008839 | $0.53 |
| 25358 | Human Resources Expense | | D25358*E25349 | | 0.008145 | $0.48 |
| 25359 | Information Management Expense | | D25359*E25349 | | 0.057009 | $3.39 |
| 25360 | Intangibles | | D25360*E25349 | | 0.002091 | $0.12 |
| 25361 | ***Directly Attributed Costs*** | | Sum(E25352:E25360) | | | $14.08 |
| 25362 | | | | | | |
| 25363 | ***TELRIC*** | | E25352+E25361 | | | $73.49 |
| 25364 | | | | | | |
| 25365 | ***Common*** | | | | | |
| 25366 | Executive Expense | | D25366*E25363 | | 0.007805 | $0.57 |
| 25367 | Planning Expense | | D25367*E25363 | | 0.000580 | $0.04 |
| 25368 | External Relations Expense | | D25368*E25363 | | 0.013029 | $0.96 |
| 25369 | Legal Expense | | D25369*E25363 | | 0.006148 | $0.45 |
| 25370 | Other Procurement Expense | | D25370*E25363 | | 0.002359 | $0.17 |
| 25371 | Research & Development Expense | | D25371*E25363 | | 0.000036 | $0.00 |
| 25372 | Other General and Admin Expense | | D25372*E25363 | | 0.015212 | $1.12 |
| 25373 | ***Common Costs*** | | Sum(E25366:E25372) | | | $3.32 |
| 25374 | | | | | | |
| 25375 | ***TELRIC + Common Costs*** | | E25363+E25373 | | | $76.81 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | 37.00 | | $24.15 |
| -DESIGN SERVICE CENTER - DESIGN | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)*** | | | | | | | | |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| ***.05, .95 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| Build/validate Work Authorization | 5 | 0.042 | 0.050 | | | 0.01 | $44.31 | $0.01 |
| Build/validate Work Authorization | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Build/Verify CD (Circuit Detail) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Build/Verify CD (Circuit Detail) | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Verify LNO (Local Network Operation) completion | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Test Circuit | 25 | 0.042 | | | | 1.05 | $43.81 | $0.77 |
| Contact Customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **2.52** | | **$1.84** |
| ***Total For Service:*** | | | | | | **85.89** | | **$57.30** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 25517 | **Direct Cost** | | | | | $57.30 |
| 25518 | | | | | | |
| 25519 | | | | | | |
| 25520 | | | Cost Calculation | | Cost Factor | Cost |
| 25521 | | | B | C | D | E |
| 25522 | ***Directly Assigned*** | | | | | |
| 25523 | Product Management Expense | | D25523*E25517 | | 0.025565 | $1.46 |
| 25524 | Sales Expense | | D25524*E25517 | | 0.009225 | $0.53 |
| 25525 | Product Advertising Expense | | D25525*E25517 | | 0.000000 | $0.00 |
| 25526 | Business Fees (Other Operating Taxes) | | D25526*Sum(E25517:E25525) | | 0.002025 | $0.12 |
| 25527 | ***Directly Assigned Costs*** | | Sum(E25517:E25526) | | | $2.11 |
| 25528 | | | | | | |
| 25529 | ***Total Direct Costs*** | | E25517+E25527 | | | $59.41 |
| 25530 | | | | | | |
| 25531 | ***Directly Attributed*** | | | | | |
| 25532 | Network Operations | | D25532*E25529 | | 0.040880 | $2.43 |
| 25533 | Network Support Assets | | D25533*E25529 | | 0.015364 | $0.91 |
| 25534 | General Support Assets | | D25534*E25529 | | 0.069508 | $4.13 |
| 25535 | General Purpose Computers | | D25535*E25529 | | 0.034714 | $2.06 |
| 25536 | Uncollectible | | D25536*E25529 | | 0.000401 | $0.02 |
| 25537 | Accounting & Finance Expense | | D25537*E25529 | | 0.008839 | $0.53 |
| 25538 | Human Resources Expense | | D25538*E25529 | | 0.008145 | $0.48 |
| 25539 | Information Management Expense | | D25539*E25529 | | 0.057009 | $3.39 |
| 25540 | Intangibles | | D25540*E25529 | | 0.002091 | $0.12 |
| 25541 | ***Directly Attributed Costs*** | | Sum(E25532:E25540) | | | $14.08 |
| 25542 | | | | | | |
| 25543 | ***TELRIC*** | | E25532+E25541 | | | $73.49 |
| 25544 | | | | | | |
| 25545 | ***Common*** | | | | | |
| 25546 | Executive Expense | | D25546*E25543 | | 0.007805 | $0.57 |
| 25547 | Planning Expense | | D25547*E25543 | | 0.000580 | $0.04 |
| 25548 | External Relations Expense | | D25548*E25543 | | 0.013029 | $0.96 |
| 25549 | Legal Expense | | D25549*E25543 | | 0.006148 | $0.45 |
| 25550 | Other Procurement Expense | | D25550*E25543 | | 0.002359 | $0.17 |
| 25551 | Research & Development Expense | | D25551*E25543 | | 0.000036 | $0.00 |
| 25552 | Other General and Admin Expense | | D25552*E25543 | | 0.015212 | $1.12 |
| 25553 | ***Common Costs*** | | Sum(E25546:E25552) | | | $3.32 |
| 25554 | | | | | | |
| 25555 | ***TELRIC + Common Costs*** | | E25543+E25553 | | | $76.81 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.00** | | **$24.15** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24).*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | **38.00** | | **$25.35** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| *Subtotal - DESIGN* | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| DSX3 CROSS-CONNECT | 4 | 1.000 | 2.000 | | | 8.00 | $43.81 | $5.84 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE CONFORMANCE TEST | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| COMPLETE WITH CCT-I | 3 | 1.000 | 2.000 | | | 6.00 | $43.81 | $4.38 |
| *Subtotal - CENTRAL OFFICE FRAMES* | | | | | | **45.00** | | **$32.86** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ***2 probability is work done in two co's.*** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | 2.000 | | | 10.00 | $43.81 | $7.30 |
| JUMPER ACTIVITY | 2.3 | 1.000 | 2.000 | | | 4.60 | $43.81 | $3.36 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | 2.000 | | | 4.00 | $43.81 | $2.92 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **18.60** | | **$13.58** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)*** | | | | | | | | |
| *Subtotal - SERVICE DELIVERY IMPLEMENTOR* | | | | | | **15.00** | | **$10.95** |
| *Total For Service:* | | | | | | **266.15** | | **$190.92** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***DS3 ENHANCED EXTENDED LOOP TRANSPORT MUX (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 22727 | **Direct Cost** | | | | | $190.92 |
| 22728 | | | | | | |
| 22729 | | Cost Calculation | | Cost Factor | Cost | |
| 22730 | | B | C | D | E | |
| 22731 | | | | | | |
| 22732 | ***Directly Assigned*** | | | | | |
| 22733 | Product Management Expense | D22733*E22727 | | 0.025565 | $4.88 | |
| 22734 | Sales Expense | D22734*E22727 | | 0.009225 | $1.76 | |
| 22735 | Product Advertising Expense | D22735*E22727 | | 0.000000 | $0.00 | |
| 22736 | Business Fees (Other Operating Taxes) | D22736*Sum(E22727:E22735) | | 0.002025 | $0.40 | |
| 22737 | ***Directly Assigned Costs*** | Sum(E22727:E22736) | | | $7.04 | |
| 22738 | | | | | | |
| 22739 | ***Total Direct Costs*** | E22727+E22737 | | | $197.96 | |
| 22740 | | | | | | |
| 22741 | ***Directly Attributed*** | | | | | |
| 22742 | Network Operations | D22742*E22739 | | 0.040880 | $8.09 | |
| 22743 | Network Support Assets | D22743*E22739 | | 0.015364 | $3.04 | |
| 22744 | General Support Assets | D22744*E22739 | | 0.069508 | $13.76 | |
| 22745 | General Purpose Computers | D22745*E22739 | | 0.034714 | $6.87 | |
| 22746 | Uncollectible | D22746*E22739 | | 0.000401 | $0.08 | |
| 22747 | Accounting & Finance Expense | D22747*E22739 | | 0.008839 | $1.75 | |
| 22748 | Human Resources Expense | D22748*E22739 | | 0.008145 | $1.61 | |
| 22749 | Information Management Expense | D22749*E22739 | | 0.057009 | $11.29 | |
| 22750 | Intangibles | D22750*E22739 | | 0.002091 | $0.41 | |
| 22751 | ***Directly Attributed Costs*** | Sum(E22742:E22750) | | | $46.91 | |
| 22752 | | | | | | |
| 22753 | ***TELRIC*** | E22742+E22751 | | | $244.87 | |
| 22754 | | | | | | |
| 22755 | ***Common*** | | | | | |
| 22756 | Executive Expense | D22756*E22753 | | 0.007805 | $1.91 | |
| 22757 | Planning Expense | D22757*E22753 | | 0.000580 | $0.14 | |
| 22758 | External Relations Expense | D22758*E22753 | | 0.013029 | $3.19 | |
| 22759 | Legal Expense | D22759*E22753 | | 0.006148 | $1.51 | |
| 22760 | Other Procurement Expense | D22760*E22753 | | 0.002359 | $0.58 | |
| 22761 | Research & Development Expense | D22761*E22753 | | 0.000036 | $0.01 | |
| 22762 | Other General and Admin Expense | D22762*E22753 | | 0.015212 | $3.72 | |
| 22763 | ***Common Costs*** | Sum(E22756:E22762) | | | $11.06 | |
| 22764 | | | | | | |
| 22765 | ***TELRIC + Common Costs*** | E22753+E22763 | | | $255.93 | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***POLE INQUIRY FEE - PER MILE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER) | | | | | | | | |
| ***.5 probability represents miles (2) per request. IAC times are per request.*** | | | | | | | | |
| Review for completeness resolve discrepancies | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Creat log in database with appropriate dates | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Based on information provided determine and verify field engineering contacts | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Make copies for appropriate work groups and distribute | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Act as point of contact between engineering and acct exec for any issues | 120 | 0.500 | | | | 60.00 | $56.97 | $56.97 |
| track and escalte as required to ensure that time frames are met | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER)*** | | | | | | **180.00** | | **$170.91** |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| ***OSP time is per mile.*** | | | | | | | | |
| review route requested in database. Prepare to meet with co-provider to do field verify | 72 | 1.000 | | | | 72.00 | $51.76 | $62.11 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **72.00** | | **$62.11** |
| ***Total For Service:*** | | | | | | **252.00** | | **$233.02** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***POLE INQUIRY FEE - PER MILE (con't)***

| | | Cost Calculation | | Cost Factor | Cost |
|---|---|---|---|---|---|
| | | B | C | D | E |
| 22817 | **Direct Cost** | | | | $233.02 |
| 22818 | | | | | |
| 22819 | | | | | |
| 22820 | | | | | |
| 22821 | | | | | |
| 22822 | ***Directly Assigned*** | | | | |
| 22823 | Product Management Expense | D22823*E22817 | | 0.025565 | $5.96 |
| 22824 | Sales Expense | D22824*E22817 | | 0.009225 | $2.15 |
| 22825 | Product Advertising Expense | D22825*E22817 | | 0.000000 | $0.00 |
| 22826 | Business Fees (Other Operating Taxes) | D22826*Sum(E22817:E22825) | | 0.002025 | $0.49 |
| 22827 | ***Directly Assigned Costs*** | Sum(E22817:E22826) | | | $8.60 |
| 22828 | | | | | |
| 22829 | ***Total Direct Costs*** | E22817+E22827 | | | $241.62 |
| 22830 | | | | | |
| 22831 | ***Directly Attributed*** | | | | |
| 22832 | Network Operations | D22832*E22829 | | 0.040880 | $9.88 |
| 22833 | Network Support Assets | D22833*E22829 | | 0.015364 | $3.71 |
| 22834 | General Support Assets | D22834*E22829 | | 0.069508 | $16.79 |
| 22835 | General Purpose Computers | D22835*E22829 | | 0.034714 | $8.39 |
| 22836 | Uncollectible | D22836*E22829 | | 0.000401 | $0.10 |
| 22837 | Accounting & Finance Expense | D22837*E22829 | | 0.008839 | $2.14 |
| 22838 | Human Resources Expense | D22838*E22829 | | 0.008145 | $1.97 |
| 22839 | Information Management Expense | D22839*E22829 | | 0.057009 | $13.77 |
| 22840 | Intangibles | D22840*E22829 | | 0.002091 | $0.51 |
| 22841 | ***Directly Attributed Costs*** | Sum(E22832:E22840) | | | $57.25 |
| 22842 | | | | | |
| 22843 | ***TELRIC*** | E22832+E22841 | | | $298.87 |
| 22844 | | | | | |
| 22845 | ***Common*** | | | | |
| 22846 | Executive Expense | D22846*E22843 | | 0.007805 | $2.33 |
| 22847 | Planning Expense | D22847*E22843 | | 0.000580 | $0.17 |
| 22848 | External Relations Expense | D22848*E22843 | | 0.013029 | $3.89 |
| 22849 | Legal Expense | D22849*E22843 | | 0.006148 | $1.84 |
| 22850 | Other Procurement Expense | D22850*E22843 | | 0.002359 | $0.71 |
| 22851 | Research & Development Expense | D22851*E22843 | | 0.000036 | $0.01 |
| 22852 | Other General and Admin Expense | D22852*E22843 | | 0.015212 | $4.55 |
| 22853 | ***Common Costs*** | Sum(E22846:E22852) | | | $13.50 |
| 22854 | | | | | |
| 22855 | ***TELRIC + Common Costs*** | E22843+E22853 | | | $312.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***INNERDUCT INQUIRY FEE - PER MILE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER) | | | | | | | | |
| ***.5 probability represents miles (2) per request. IAC times for workitems 1 & 2 are per request.*** | | | | | | | | |
| Review for completeness resolve discrepancies | 60 | 0.500 | | | | 30.00 | $56.97 | $28.49 |
| Creat log in database with appropriate dates | 30 | 0.500 | | | | 15.00 | $56.97 | $14.24 |
| Review route requested in database, print copies, prepare flaline and return to Prod Mgr. | 250 | 1.000 | | | | 250.00 | $56.97 | $237.38 |
| ***Subtotal - INFRASTRUCTURE AVAILABILITY CENTER (IAC) (EARLENE SKINNER)*** | | | | | | **295.00** | | **$280.10** |
| ***Total For Service:*** | | | | | | **295.00** | | **$280.10** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***INNERDUCT INQUIRY FEE - PER MILE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 22907 | **Direct Cost** | | | | $280.10 |
| 22908 | | | | | |
| 22909 | | | Cost Calculation | Cost Factor | Cost |
| 22910 | | | B | C | D | E |
| 22911 | | | | | |
| 22912 | ***Directly Assigned*** | | | | |
| 22913 | Product Management Expense | | D22913*E22907 | 0.025565 | $7.16 |
| 22914 | Sales Expense | | D22914*E22907 | 0.009225 | $2.58 |
| 22915 | Product Advertising Expense | | D22915*E22907 | 0.000000 | $0.00 |
| 22916 | Business Fees (Other Operating Taxes) | | D22916*Sum(E22907:E22915) | 0.002025 | $0.59 |
| 22917 | ***Directly Assigned Costs*** | | Sum(E22907:E22916) | | $10.33 |
| 22918 | | | | | |
| 22919 | ***Total Direct Costs*** | | E22907+E22917 | | $290.43 |
| 22920 | | | | | |
| 22921 | ***Directly Attributed*** | | | | |
| 22922 | Network Operations | | D22922*E22919 | 0.040880 | $11.87 |
| 22923 | Network Support Assets | | D22923*E22919 | 0.015364 | $4.46 |
| 22924 | General Support Assets | | D22924*E22919 | 0.069508 | $20.19 |
| 22925 | General Purpose Computers | | D22925*E22919 | 0.034714 | $10.08 |
| 22926 | Uncollectible | | D22926*E22919 | 0.000401 | $0.12 |
| 22927 | Accounting & Finance Expense | | D22927*E22919 | 0.008839 | $2.57 |
| 22928 | Human Resources Expense | | D22928*E22919 | 0.008145 | $2.37 |
| 22929 | Information Management Expense | | D22929*E22919 | 0.057009 | $16.56 |
| 22930 | Intangibles | | D22930*E22919 | 0.002091 | $0.61 |
| 22931 | ***Directly Attributed Costs*** | | Sum(E22922:E22930) | | $68.82 |
| 22932 | | | | | |
| 22933 | ***TELRIC*** | | E22922+E22931 | | $359.25 |
| 22934 | | | | | |
| 22935 | ***Common*** | | | | |
| 22936 | Executive Expense | | D22936*E22933 | 0.007805 | $2.80 |
| 22937 | Planning Expense | | D22937*E22933 | 0.000580 | $0.21 |
| 22938 | External Relations Expense | | D22938*E22933 | 0.013029 | $4.68 |
| 22939 | Legal Expense | | D22939*E22933 | 0.006148 | $2.21 |
| 22940 | Other Procurement Expense | | D22940*E22933 | 0.002359 | $0.85 |
| 22941 | Research & Development Expense | | D22941*E22933 | 0.000036 | $0.01 |
| 22942 | Other General and Admin Expense | | D22942*E22933 | 0.015212 | $5.46 |
| 22943 | ***Common Costs*** | | Sum(E22936:E22942) | | $16.23 |
| 22944 | | | | | |
| 22945 | ***TELRIC + Common Costs*** | | E22933+E22943 | | $375.48 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***FIELD VERIFICATION FEE - POLES PER POLE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| ***10 probability assumes an average of ten poles within a connected span will be verified.*** | | | | | | | | |
| Make field visit, verify/identify issues at the proposed location. | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **30.00** | | **$25.88** |
| ***Total For Service:*** | | | | | | **30.00** | | **$25.88** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***FIELD VERIFICATION FEE - POLES PER POLE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 22997 | **Direct Cost** | | | | $25.88 |
| 22998 | | | | | |
| 22999 | | | Cost Calculation | Cost Factor | Cost |
| 23000 | | | B C | D | E |
| 23001 | | | | | |
| 23002 | ***Directly Assigned*** | | | | |
| 23003 | Product Management Expense | | D23003*E22997 | 0.025565 | $0.66 |
| 23004 | Sales Expense | | D23004*E22997 | 0.009225 | $0.24 |
| 23005 | Product Advertising Expense | | D23005*E22997 | 0.000000 | $0.00 |
| 23006 | Business Fees (Other Operating Taxes) | | D23006*Sum(E22997:E23005) | 0.002025 | $0.05 |
| 23007 | ***Directly Assigned Costs*** | | Sum(E22997:E23006) | | $0.95 |
| 23008 | | | | | |
| 23009 | ***Total Direct Costs*** | | E22997+E23007 | | $26.83 |
| 23010 | | | | | |
| 23011 | ***Directly Attributed*** | | | | |
| 23012 | Network Operations | | D23012*E23009 | 0.040880 | $1.10 |
| 23013 | Network Support Assets | | D23013*E23009 | 0.015364 | $0.41 |
| 23014 | General Support Assets | | D23014*E23009 | 0.069508 | $1.87 |
| 23015 | General Purpose Computers | | D23015*E23009 | 0.034714 | $0.93 |
| 23016 | Uncollectible | | D23016*E23009 | 0.000401 | $0.01 |
| 23017 | Accounting & Finance Expense | | D23017*E23009 | 0.008839 | $0.24 |
| 23018 | Human Resources Expense | | D23018*E23009 | 0.008145 | $0.22 |
| 23019 | Information Management Expense | | D23019*E23009 | 0.057009 | $1.53 |
| 23020 | Intangibles | | D23020*E23009 | 0.002091 | $0.06 |
| 23021 | ***Directly Attributed Costs*** | | Sum(E23012:E23020) | | $6.36 |
| 23022 | | | | | |
| 23023 | ***TELRIC*** | | E23012+E23021 | | $33.19 |
| 23024 | | | | | |
| 23025 | ***Common*** | | | | |
| 23026 | Executive Expense | | D23026*E23023 | 0.007805 | $0.26 |
| 23027 | Planning Expense | | D23027*E23023 | 0.000580 | $0.02 |
| 23028 | External Relations Expense | | D23028*E23023 | 0.013029 | $0.43 |
| 23029 | Legal Expense | | D23029*E23023 | 0.006148 | $0.20 |
| 23030 | Other Procurement Expense | | D23030*E23023 | 0.002359 | $0.08 |
| 23031 | Research & Development Expense | | D23031*E23023 | 0.000036 | $0.00 |
| 23032 | Other General and Admin Expense | | D23032*E23023 | 0.015212 | $0.50 |
| 23033 | ***Common Costs*** | | Sum(E23026:E23032) | | $1.50 |
| 23034 | | | | | |
| 23035 | ***TELRIC + Common Costs*** | | E23023+E23033 | | $34.69 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***FIELD VERIFICATION FEE - MANHOLES PER MANHOLE*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Make field visit, verify/identify issues at the proposed location. | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| Engr. &Co-provider draw notes of existing facilities. | 60 | 1.000 | | | | 60.00 | $51.76 | $51.76 |
| Complete a detail drawing for verification. | 30 | 1.000 | | | | 30.00 | $51.76 | $25.88 |
| Inspection time with Contract Inspector of co-provider access and duct verification. | 180 | 1.000 | | | | 180.00 | $51.76 | $155.28 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | 390.00 | | $336.44 |
| ***Total For Service:*** | | | | | | 390.00 | | $336.44 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***FIELD VERIFICATION FEE - MANHOLES PER MANHOLE (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B C | D | E |
| 23087 | **Direct Cost** | | | $336.44 |
| 23088 | | | | |
| 23089 | | | | |
| 23090 | | | | |
| 23091 | | | | |
| 23092 | ***Directly Assigned*** | | | |
| 23093 | Product Management Expense | D23093*E23087 | 0.025565 | $8.60 |
| 23094 | Sales Expense | D23094*E23087 | 0.009225 | $3.10 |
| 23095 | Product Advertising Expense | D23095*E23087 | 0.000000 | $0.00 |
| 23096 | Business Fees (Other Operating Taxes) | D23096*Sum(E23087:E23095) | 0.002025 | $0.70 |
| 23097 | ***Directly Assigned Costs*** | Sum(E23087:E23096) | | $12.41 |
| 23098 | | | | |
| 23099 | ***Total Direct Costs*** | E23087+E23097 | | $348.85 |
| 23100 | | | | |
| 23101 | ***Directly Attributed*** | | | |
| 23102 | Network Operations | D23102*E23099 | 0.040880 | $14.26 |
| 23103 | Network Support Assets | D23103*E23099 | 0.015364 | $5.36 |
| 23104 | General Support Assets | D23104*E23099 | 0.069508 | $24.25 |
| 23105 | General Purpose Computers | D23105*E23099 | 0.034714 | $12.11 |
| 23106 | Uncollectible | D23106*E23099 | 0.000401 | $0.14 |
| 23107 | Accounting & Finance Expense | D23107*E23099 | 0.008839 | $3.08 |
| 23108 | Human Resources Expense | D23108*E23099 | 0.008145 | $2.84 |
| 23109 | Information Management Expense | D23109*E23099 | 0.057009 | $19.89 |
| 23110 | Intangibles | D23110*E23099 | 0.002091 | $0.73 |
| 23111 | ***Directly Attributed Costs*** | Sum(E23102:E23110) | | $82.66 |
| 23112 | | | | |
| 23113 | ***TELRIC*** | E23102+E23111 | | $431.51 |
| 23114 | | | | |
| 23115 | ***Common*** | | | |
| 23116 | Executive Expense | D23116*E23113 | 0.007805 | $3.37 |
| 23117 | Planning Expense | D23117*E23113 | 0.000580 | $0.25 |
| 23118 | External Relations Expense | D23118*E23113 | 0.013029 | $5.62 |
| 23119 | Legal Expense | D23119*E23113 | 0.006148 | $2.65 |
| 23120 | Other Procurement Expense | D23120*E23113 | 0.002359 | $1.02 |
| 23121 | Research & Development Expense | D23121*E23113 | 0.000036 | $0.02 |
| 23122 | Other General and Admin Expense | D23122*E23113 | 0.015212 | $6.56 |
| 23123 | ***Common Costs*** | Sum(E23116:E23122) | | $19.49 |
| 23124 | | | | |
| 23125 | ***TELRIC + Common Costs*** | E23113+E23123 | | $451.00 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***PLANNER VERIFICATION Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -TACTICAL PLANNING | | | | | | | | |
| Records Review for manhole verification | 15 | 1.000 | | | | 15.00 | $46.18 | $11.55 |
| ***Subtotal - TACTICAL PLANNING*** | | | | | | **15.00** | | **$11.55** |
| ***Total For Service:*** | | | | | | **15.00** | | **$11.55** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***PLANNER VERIFICATION Per Manhole (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23177 | **Direct Cost** | | | | $11.55 |
| 23178 | | | | | |
| 23179 | | Cost Calculation | | Cost Factor | Cost |
| 23180 | | B | C | D | E |
| 23181 | | | | | |
| 23182 | ***Directly Assigned*** | | | | |
| 23183 | Product Management Expense | D23183*E23177 | | 0.025565 | $0.30 |
| 23184 | Sales Expense | D23184*E23177 | | 0.009225 | $0.11 |
| 23185 | Product Advertising Expense | D23185*E23177 | | 0.000000 | $0.00 |
| 23186 | Business Fees (Other Operating Taxes) | D23186*Sum(E23177:E23185) | | 0.002025 | $0.02 |
| 23187 | ***Directly Assigned Costs*** | Sum(E23177:E23186) | | | $0.43 |
| 23188 | | | | | |
| 23189 | ***Total Direct Costs*** | E23177+E23187 | | | $11.97 |
| 23190 | | | | | |
| 23191 | ***Directly Attributed*** | | | | |
| 23192 | Network Operations | D23192*E23189 | | 0.040880 | $0.49 |
| 23193 | Network Support Assets | D23193*E23189 | | 0.015364 | $0.18 |
| 23194 | General Support Assets | D23194*E23189 | | 0.069508 | $0.83 |
| 23195 | General Purpose Computers | D23195*E23189 | | 0.034714 | $0.42 |
| 23196 | Uncollectible | D23196*E23189 | | 0.000401 | $0.00 |
| 23197 | Accounting & Finance Expense | D23197*E23189 | | 0.008839 | $0.11 |
| 23198 | Human Resources Expense | D23198*E23189 | | 0.008145 | $0.10 |
| 23199 | Information Management Expense | D23199*E23189 | | 0.057009 | $0.68 |
| 23200 | Intangibles | D23200*E23189 | | 0.002091 | $0.03 |
| 23201 | ***Directly Attributed Costs*** | Sum(E23192:E23200) | | | $2.84 |
| 23202 | | | | | |
| 23203 | ***TELRIC*** | E23192+E23201 | | | $14.81 |
| 23204 | | | | | |
| 23205 | ***Common*** | | | | |
| 23206 | Executive Expense | D23206*E23203 | | 0.007805 | $0.12 |
| 23207 | Planning Expense | D23207*E23203 | | 0.000580 | $0.01 |
| 23208 | External Relations Expense | D23208*E23203 | | 0.013029 | $0.19 |
| 23209 | Legal Expense | D23209*E23203 | | 0.006148 | $0.09 |
| 23210 | Other Procurement Expense | D23210*E23203 | | 0.002359 | $0.03 |
| 23211 | Research & Development Expense | D23211*E23203 | | 0.000036 | $0.00 |
| 23212 | Other General and Admin Expense | D23212*E23203 | | 0.015212 | $0.23 |
| 23213 | ***Common Costs*** | Sum(E23206:E23212) | | | $0.67 |
| 23214 | | | | | |
| 23215 | ***TELRIC + Common Costs*** | E23203+E23213 | | | $15.48 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***MANHOLE VERIFICATION INSPECTOR Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Inspector time during manhole verification | 240 | 1.000 | | | | 240.00 | $51.76 | $207.04 |
| *Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)* | | | | | | 240.00 | | $207.04 |
| *Total For Service:* | | | | | | 240.00 | | $207.04 |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANHOLE VERIFICATION INSPECTOR Per Manhole (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23267 | **Direct Cost** | | | | $207.04 |
| 23268 | | | | | |
| 23269 | | Cost Calculation | | Cost Factor | Cost |
| 23270 | | B | C | D | E |
| 23271 | | | | | |
| 23272 | ***Directly Assigned*** | | | | |
| 23273 | Product Management Expense | D23273*E23267 | | 0.025565 | $5.29 |
| 23274 | Sales Expense | D23274*E23267 | | 0.009225 | $1.91 |
| 23275 | Product Advertising Expense | D23275*E23267 | | 0.000000 | $0.00 |
| 23276 | Business Fees (Other Operating Taxes) | D23276*Sum(E23267:E23275) | | 0.002025 | $0.43 |
| 23277 | ***Directly Assigned Costs*** | Sum(E23267:E23276) | | | $7.64 |
| 23278 | | | | | |
| 23279 | ***Total Direct Costs*** | E23267+E23277 | | | $214.68 |
| 23280 | | | | | |
| 23281 | ***Directly Attributed*** | | | | |
| 23282 | Network Operations | D23282*E23279 | | 0.040880 | $8.78 |
| 23283 | Network Support Assets | D23283*E23279 | | 0.015364 | $3.30 |
| 23284 | General Support Assets | D23284*E23279 | | 0.069508 | $14.92 |
| 23285 | General Purpose Computers | D23285*E23279 | | 0.034714 | $7.45 |
| 23286 | Uncollectible | D23286*E23279 | | 0.000401 | $0.09 |
| 23287 | Accounting & Finance Expense | D23287*E23279 | | 0.008839 | $1.90 |
| 23288 | Human Resources Expense | D23288*E23279 | | 0.008145 | $1.75 |
| 23289 | Information Management Expense | D23289*E23279 | | 0.057009 | $12.24 |
| 23290 | Intangibles | D23290*E23279 | | 0.002091 | $0.45 |
| 23291 | ***Directly Attributed Costs*** | Sum(E23282:E23290) | | | $50.87 |
| 23292 | | | | | |
| 23293 | ***TELRIC*** | E23282+E23291 | | | $265.54 |
| 23294 | | | | | |
| 23295 | ***Common*** | | | | |
| 23296 | Executive Expense | D23296*E23293 | | 0.007805 | $2.07 |
| 23297 | Planning Expense | D23297*E23293 | | 0.000580 | $0.15 |
| 23298 | External Relations Expense | D23298*E23293 | | 0.013029 | $3.46 |
| 23299 | Legal Expense | D23299*E23293 | | 0.006148 | $1.63 |
| 23300 | Other Procurement Expense | D23300*E23293 | | 0.002359 | $0.63 |
| 23301 | Research & Development Expense | D23301*E23293 | | 0.000036 | $0.01 |
| 23302 | Other General and Admin Expense | D23302*E23293 | | 0.015212 | $4.04 |
| 23303 | ***Common Costs*** | Sum(E23296:E23302) | | | $11.99 |
| 23304 | | | | | |
| 23305 | ***TELRIC + Common Costs*** | E23293+E23303 | | | $277.54 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***MANHOLE MAKE-READY INSPECTOR Per Manhole*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP) | | | | | | | | |
| Inspector time during manhole innerduct placement | 360 | 1.000 | | | | 360.00 | $51.76 | $310.56 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **360.00** | | **$310.56** |
| ***Total For Service:*** | | | | | | **360.00** | | **$310.56** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***MANHOLE MAKE-READY INSPECTOR Per Manhole (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23357 | **Direct Cost** | | | | $310.56 |
| 23358 | | | | | |
| 23359 | | Cost Calculation | | Cost Factor | Cost |
| 23360 | | B | C | D | E |
| 23361 | | | | | |
| 23362 | ***Directly Assigned*** | | | | |
| 23363 | Product Management Expense | D23363*E23357 | | 0.025565 | $7.94 |
| 23364 | Sales Expense | D23364*E23357 | | 0.009225 | $2.86 |
| 23365 | Product Advertising Expense | D23365*E23357 | | 0.000000 | $0.00 |
| 23366 | Business Fees (Other Operating Taxes) | D23366*Sum(E23357:E23365) | | 0.002025 | $0.65 |
| 23367 | ***Directly Assigned Costs*** | Sum(E23357:E23366) | | | $11.46 |
| 23368 | | | | | |
| 23369 | ***Total Direct Costs*** | E23357+E23367 | | | $322.02 |
| 23370 | | | | | |
| 23371 | ***Directly Attributed*** | | | | |
| 23372 | Network Operations | D23372*E23369 | | 0.040880 | $13.16 |
| 23373 | Network Support Assets | D23373*E23369 | | 0.015364 | $4.95 |
| 23374 | General Support Assets | D23374*E23369 | | 0.069508 | $22.38 |
| 23375 | General Purpose Computers | D23375*E23369 | | 0.034714 | $11.18 |
| 23376 | Uncollectible | D23376*E23369 | | 0.000401 | $0.13 |
| 23377 | Accounting & Finance Expense | D23377*E23369 | | 0.008839 | $2.85 |
| 23378 | Human Resources Expense | D23378*E23369 | | 0.008145 | $2.62 |
| 23379 | Information Management Expense | D23379*E23369 | | 0.057009 | $18.36 |
| 23380 | Intangibles | D23380*E23369 | | 0.002091 | $0.67 |
| 23381 | ***Directly Attributed Costs*** | Sum(E23372:E23380) | | | $76.30 |
| 23382 | | | | | |
| 23383 | ***TELRIC*** | E23372+E23381 | | | $398.32 |
| 23384 | | | | | |
| 23385 | ***Common*** | | | | |
| 23386 | Executive Expense | D23386*E23383 | | 0.007805 | $3.11 |
| 23387 | Planning Expense | D23387*E23383 | | 0.000580 | $0.23 |
| 23388 | External Relations Expense | D23388*E23383 | | 0.013029 | $5.19 |
| 23389 | Legal Expense | D23389*E23383 | | 0.006148 | $2.45 |
| 23390 | Other Procurement Expense | D23390*E23383 | | 0.002359 | $0.94 |
| 23391 | Research & Development Expense | D23391*E23383 | | 0.000036 | $0.01 |
| 23392 | Other General and Admin Expense | D23392*E23383 | | 0.015212 | $6.06 |
| 23393 | ***Common Costs*** | Sum(E23386:E23392) | | | $17.99 |
| 23394 | | | | | |
| 23395 | ***TELRIC + Common Costs*** | E23383+E23393 | | | $416.31 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***RIGHT-OF-WAY INQUIRY*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -RIGHT-OF-WAY MANAGER | | | | | | | | |
| Research and Preparation of Right-Of-Way | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| *Subtotal - RIGHT-OF-WAY MANAGER* | | | | | | **120.00** | | **$103.52** |
| *Total For Service:* | | | | | | **120.00** | | **$103.52** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***RIGHT-OF-WAY INQUIRY*** ***(con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 23447 | **Direct Cost** | | | | | $103.52 |
| 23448 | | | | | | |
| 23449 | | | | Cost | Cost | |
| 23450 | | | | Calculation | Factor | Cost |
| 23451 | | | | B | D | E |
| 23452 | ***Directly Assigned*** | | | | | |
| 23453 | Product Management Expense | | | D23453*E23447 | 0.025565 | $2.65 |
| 23454 | Sales Expense | | | D23454*E23447 | 0.009225 | $0.95 |
| 23455 | Product Advertising Expense | | | D23455*E23447 | 0.000000 | $0.00 |
| 23456 | Business Fees (Other Operating Taxes) | | | D23456*Sum(E23447:E23455) | 0.002025 | $0.22 |
| 23457 | ***Directly Assigned Costs*** | | | Sum(E23447:E23456) | | $3.82 |
| 23458 | | | | | | |
| 23459 | ***Total Direct Costs*** | | | E23447+E23457 | | $107.34 |
| 23460 | | | | | | |
| 23461 | ***Directly Attributed*** | | | | | |
| 23462 | Network Operations | | | D23462*E23459 | 0.040880 | $4.39 |
| 23463 | Network Support Assets | | | D23463*E23459 | 0.015364 | $1.65 |
| 23464 | General Support Assets | | | D23464*E23459 | 0.069508 | $7.46 |
| 23465 | General Purpose Computers | | | D23465*E23459 | 0.034714 | $3.73 |
| 23466 | Uncollectible | | | D23466*E23459 | 0.000401 | $0.04 |
| 23467 | Accounting & Finance Expense | | | D23467*E23459 | 0.008839 | $0.95 |
| 23468 | Human Resources Expense | | | D23468*E23459 | 0.008145 | $0.87 |
| 23469 | Information Management Expense | | | D23469*E23459 | 0.057009 | $6.12 |
| 23470 | Intangibles | | | D23470*E23459 | 0.002091 | $0.22 |
| 23471 | ***Directly Attributed Costs*** | | | Sum(E23462:E23470) | | $25.43 |
| 23472 | | | | | | |
| 23473 | ***TELRIC*** | | | E23462+E23471 | | $132.77 |
| 23474 | | | | | | |
| 23475 | ***Common*** | | | | | |
| 23476 | Executive Expense | | | D23476*E23473 | 0.007805 | $1.04 |
| 23477 | Planning Expense | | | D23477*E23473 | 0.000580 | $0.08 |
| 23478 | External Relations Expense | | | D23478*E23473 | 0.013029 | $1.73 |
| 23479 | Legal Expense | | | D23479*E23473 | 0.006148 | $0.82 |
| 23480 | Other Procurement Expense | | | D23480*E23473 | 0.002359 | $0.31 |
| 23481 | Research & Development Expense | | | D23481*E23473 | 0.000036 | $0.00 |
| 23482 | Other General and Admin Expense | | | D23482*E23473 | 0.015212 | $2.02 |
| 23483 | ***Common Costs*** | | | Sum(E23476:E23482) | | $6.00 |
| 23484 | | | | | | |
| 23485 | ***TELRIC + Common Costs*** | | | E23473+E23483 | | $138.77 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***RIGHT-OF-WAY DOCUMENT PREPARATION*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)** | | | | | | | | |
| Inspector time during manhole innerduct placement | 120 | 1.000 | | | | 120.00 | $51.76 | $103.52 |
| ***Subtotal - OUTSIDE PLANT ENGINEERING - FIELD ENGR. (OSP)*** | | | | | | **120.00** | | **$103.52** |
| ***Total For Service:*** | | | | | | **120.00** | | **$103.52** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***RIGHT-OF-WAY DOCUMENT PREPARATION*** ***(con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23537 | **Direct Cost** | | | | $103.52 |
| 23538 | | | | | |
| 23539 | | Cost Calculation | | Cost Factor | Cost |
| 23540 | | B | C | D | E |
| 23541 | | | | | |
| 23542 | ***Directly Assigned*** | | | | |
| 23543 | Product Management Expense | D23543*E23537 | | 0.025565 | $2.65 |
| 23544 | Sales Expense | D23544*E23537 | | 0.009225 | $0.95 |
| 23545 | Product Advertising Expense | D23545*E23537 | | 0.000000 | $0.00 |
| 23546 | Business Fees (Other Operating Taxes) | D23546*Sum(E23537:E23545) | | 0.002025 | $0.22 |
| 23547 | ***Directly Assigned Costs*** | Sum(E23537:E23546) | | | $3.82 |
| 23548 | | | | | |
| 23549 | ***Total Direct Costs*** | E23537+E23547 | | | $107.34 |
| 23550 | | | | | |
| 23551 | ***Directly Attributed*** | | | | |
| 23552 | Network Operations | D23552*E23549 | | 0.040880 | $4.39 |
| 23553 | Network Support Assets | D23553*E23549 | | 0.015364 | $1.65 |
| 23554 | General Support Assets | D23554*E23549 | | 0.069508 | $7.46 |
| 23555 | General Purpose Computers | D23555*E23549 | | 0.034714 | $3.73 |
| 23556 | Uncollectible | D23556*E23549 | | 0.000401 | $0.04 |
| 23557 | Accounting & Finance Expense | D23557*E23549 | | 0.008839 | $0.95 |
| 23558 | Human Resources Expense | D23558*E23549 | | 0.008145 | $0.87 |
| 23559 | Information Management Expense | D23559*E23549 | | 0.057009 | $6.12 |
| 23560 | Intangibles | D23560*E23549 | | 0.002091 | $0.22 |
| 23561 | ***Directly Attributed Costs*** | Sum(E23552:E23560) | | | $25.43 |
| 23562 | | | | | |
| 23563 | ***TELRIC*** | E23552+E23561 | | | $132.77 |
| 23564 | | | | | |
| 23565 | ***Common*** | | | | |
| 23566 | Executive Expense | D23566*E23563 | | 0.007805 | $1.04 |
| 23567 | Planning Expense | D23567*E23563 | | 0.000580 | $0.08 |
| 23568 | External Relations Expense | D23568*E23563 | | 0.013029 | $1.73 |
| 23569 | Legal Expense | D23569*E23563 | | 0.006148 | $0.82 |
| 23570 | Other Procurement Expense | D23570*E23563 | | 0.002359 | $0.31 |
| 23571 | Research & Development Expense | D23571*E23563 | | 0.000036 | $0.00 |
| 23572 | Other General and Admin Expense | D23572*E23563 | | 0.015212 | $2.02 |
| 23573 | ***Common Costs*** | Sum(E23566:E23572) | | | $6.00 |
| 23574 | | | | | |
| 23575 | ***TELRIC + Common Costs*** | E23563+E23573 | | | $138.77 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***BONAFIDE REQUEST PROCESS FEE*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INFRASTRUCTURE AVAILABILTY CENTER** | | | | | | | | |
| ***.5 PROBABILITY IS % TIME THIS ACTIVITY WILL OCCUR.*** | | | | | | | | |
| Compose and dispurse related documents. | 30 | 1.000 | | | | 30.00 | $56.97 | $28.49 |
| Input 30 day input plan | 240 | 1.000 | | | | 240.00 | $56.97 | $227.88 |
| Provide AMC group with IP strategy and recommendation | 30 | 1.000 | | | | 30.00 | $56.97 | $28.49 |
| ***Subtotal - INFRASTRUCTURE AVAILABILTY CENTER*** | | | | | | **300.00** | | **$284.85** |
| **-INTERCONNECTION PLANNING** | | | | | | | | |
| Review documentation, determine in request qualifies | 60 | 1.000 | | | | 60.00 | $69.25 | $69.25 |
| Input 30 day input plan | 240 | 1.000 | | | | 240.00 | $69.25 | $277.00 |
| Detailed research and analysis with all SMEs | 240 | 1.000 | | | | 240.00 | $69.25 | $277.00 |
| Develop written strategy, Obtain approval | 720 | 1.000 | | | | 720.00 | $69.25 | $831.00 |
| ***Subtotal - INTERCONNECTION PLANNING*** | | | | | | **1,260.00** | | **$1,454.25** |
| ***Total For Service:*** | | | | | | **1,560.00** | | **$1,739.10** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***BONAFIDE REQUEST PROCESS FEE (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23627 | **Direct Cost** | | | | $1,739.10 |
| 23628 | | | | | |
| 23629 | | | Cost Calculation | Cost Factor | Cost |
| 23630 | | | B | C | D | E |
| 23631 | | | | | | |
| 23632 | ***Directly Assigned*** | | | | |
| 23633 | Product Management Expense | | D23633*E23627 | 0.025565 | $44.46 |
| 23634 | Sales Expense | | D23634*E23627 | 0.009225 | $16.04 |
| 23635 | Product Advertising Expense | | D23635*E23627 | 0.000000 | $0.00 |
| 23636 | Business Fees (Other Operating Taxes) | | D23636*Sum(E23627:E23635) | 0.002025 | $3.64 |
| 23637 | ***Directly Assigned Costs*** | | Sum(E23627:E23636) | | $64.15 |
| 23638 | | | | | |
| 23639 | ***Total Direct Costs*** | | E23627+E23637 | | $1,803.25 |
| 23640 | | | | | |
| 23641 | ***Directly Attributed*** | | | | |
| 23642 | Network Operations | | D23642*E23639 | 0.040880 | $73.72 |
| 23643 | Network Support Assets | | D23643*E23639 | 0.015364 | $27.71 |
| 23644 | General Support Assets | | D23644*E23639 | 0.069508 | $125.34 |
| 23645 | General Purpose Computers | | D23645*E23639 | 0.034714 | $62.60 |
| 23646 | Uncollectible | | D23646*E23639 | 0.000401 | $0.72 |
| 23647 | Accounting & Finance Expense | | D23647*E23639 | 0.008839 | $15.94 |
| 23648 | Human Resources Expense | | D23648*E23639 | 0.008145 | $14.69 |
| 23649 | Information Management Expense | | D23649*E23639 | 0.057009 | $102.80 |
| 23650 | Intangibles | | D23650*E23639 | 0.002091 | $3.77 |
| 23651 | ***Directly Attributed Costs*** | | Sum(E23642:E23650) | | $427.28 |
| 23652 | | | | | |
| 23653 | ***TELRIC*** | | E23642+E23651 | | $2,230.53 |
| 23654 | | | | | |
| 23655 | ***Common*** | | | | |
| 23656 | Executive Expense | | D23656*E23653 | 0.007805 | $17.41 |
| 23657 | Planning Expense | | D23657*E23653 | 0.000580 | $1.29 |
| 23658 | External Relations Expense | | D23658*E23653 | 0.013029 | $29.06 |
| 23659 | Legal Expense | | D23659*E23653 | 0.006148 | $13.71 |
| 23660 | Other Procurement Expense | | D23660*E23653 | 0.002359 | $5.26 |
| 23661 | Research & Development Expense | | D23661*E23653 | 0.000036 | $0.08 |
| 23662 | Other General and Admin Expense | | D23662*E23653 | 0.015212 | $33.93 |
| 23663 | ***Common Costs*** | | Sum(E23656:E23662) | | $100.75 |
| 23664 | | | | | |
| 23665 | ***TELRIC + Common Costs*** | | E23653+E23663 | | $2,331.28 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **200.85** | | **$143.24** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC MULTIPLEXER DS1 TO DSO (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 23807 | **Direct Cost** | | | | | $143.24 |
| 23808 | | | | | | |
| 23809 | | | Cost Calculation | | Cost Factor | Cost |
| 23810 | | | B | C | D | E |
| 23811 | | | | | | |
| 23812 | ***Directly Assigned*** | | | | | |
| 23813 | Product Management Expense | | D23813*E23807 | | 0.025565 | $3.66 |
| 23814 | Sales Expense | | D23814*E23807 | | 0.009225 | $1.32 |
| 23815 | Product Advertising Expense | | D23815*E23807 | | 0.000000 | $0.00 |
| 23816 | Business Fees (Other Operating Taxes) | | D23816*Sum(E23807:E23815) | | 0.002025 | $0.30 |
| 23817 | ***Directly Assigned Costs*** | | Sum(E23807:E23816) | | | $5.28 |
| 23818 | | | | | | |
| 23819 | ***Total Direct Costs*** | | E23807+E23817 | | | $148.52 |
| 23820 | | | | | | |
| 23821 | ***Directly Attributed*** | | | | | |
| 23822 | Network Operations | | D23822*E23819 | | 0.040880 | $6.07 |
| 23823 | Network Support Assets | | D23823*E23819 | | 0.015364 | $2.28 |
| 23824 | General Support Assets | | D23824*E23819 | | 0.069508 | $10.32 |
| 23825 | General Purpose Computers | | D23825*E23819 | | 0.034714 | $5.16 |
| 23826 | Uncollectible | | D23826*E23819 | | 0.000401 | $0.06 |
| 23827 | Accounting & Finance Expense | | D23827*E23819 | | 0.008839 | $1.31 |
| 23828 | Human Resources Expense | | D23828*E23819 | | 0.008145 | $1.21 |
| 23829 | Information Management Expense | | D23829*E23819 | | 0.057009 | $8.47 |
| 23830 | Intangibles | | D23830*E23819 | | 0.002091 | $0.31 |
| 23831 | ***Directly Attributed Costs*** | | Sum(E23822:E23830) | | | $35.19 |
| 23832 | | | | | | |
| 23833 | ***TELRIC*** | | E23822+E23831 | | | $183.72 |
| 23834 | | | | | | |
| 23835 | ***Common*** | | | | | |
| 23836 | Executive Expense | | D23836*E23833 | | 0.007805 | $1.43 |
| 23837 | Planning Expense | | D23837*E23833 | | 0.000580 | $0.11 |
| 23838 | External Relations Expense | | D23838*E23833 | | 0.013029 | $2.39 |
| 23839 | Legal Expense | | D23839*E23833 | | 0.006148 | $1.13 |
| 23840 | Other Procurement Expense | | D23840*E23833 | | 0.002359 | $0.43 |
| 23841 | Research & Development Expense | | D23841*E23833 | | 0.000036 | $0.01 |
| 23842 | Other General and Admin Expense | | D23842*E23833 | | 0.015212 | $2.79 |
| 23843 | ***Common Costs*** | | Sum(E23836:E23842) | | | $8.30 |
| 23844 | | | | | | |
| 23845 | ***TELRIC + Common Costs*** | | E23833+E23843 | | | $192.02 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| -DESIGN | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| -CENTRAL OFFICE FRAMES | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CCT-I TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| DSX1 CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| PLACE LOOPBACK TEST PLUG | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| HIGH SIDE CONFORMANCE TEST | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| POST COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **24.00** | | **$17.52** |
| -SERVICE DELIVERY IMPLEMENTOR | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)*** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO COMPLETION | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **40.00** | | **$29.21** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| RMV CROSS CONNECT | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)*** | | | | | | | | |
| ***Total For Service:*** | | | | | | **200.85** | | **$143.24** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC MULTIPLEXER DS3 TO DS1 (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 23987 | **Direct Cost** | | | | $143.24 |
| 23988 | | | | | |
| 23989 | | Cost Calculation | | Cost Factor | Cost |
| 23990 | | B | C | D | E |
| 23991 | | | | | |
| 23992 | ***Directly Assigned*** | | | | |
| 23993 | Product Management Expense | D23993*E23987 | | 0.025565 | $3.66 |
| 23994 | Sales Expense | D23994*E23987 | | 0.009225 | $1.32 |
| 23995 | Product Advertising Expense | D23995*E23987 | | 0.000000 | $0.00 |
| 23996 | Business Fees (Other Operating Taxes) | D23996*Sum(E23987:E23995) | | 0.002025 | $0.30 |
| 23997 | ***Directly Assigned Costs*** | Sum(E23987:E23996) | | | $5.28 |
| 23998 | | | | | |
| 23999 | ***Total Direct Costs*** | E23987+E23997 | | | $148.52 |
| 24000 | | | | | |
| 24001 | ***Directly Attributed*** | | | | |
| 24002 | Network Operations | D24002*E23999 | | 0.040880 | $6.07 |
| 24003 | Network Support Assets | D24003*E23999 | | 0.015364 | $2.28 |
| 24004 | General Support Assets | D24004*E23999 | | 0.069508 | $10.32 |
| 24005 | General Purpose Computers | D24005*E23999 | | 0.034714 | $5.16 |
| 24006 | Uncollectible | D24006*E23999 | | 0.000401 | $0.06 |
| 24007 | Accounting & Finance Expense | D24007*E23999 | | 0.008839 | $1.31 |
| 24008 | Human Resources Expense | D24008*E23999 | | 0.008145 | $1.21 |
| 24009 | Information Management Expense | D24009*E23999 | | 0.057009 | $8.47 |
| 24010 | Intangibles | D24010*E23999 | | 0.002091 | $0.31 |
| 24011 | ***Directly Attributed Costs*** | Sum(E24002:E24010) | | | $35.19 |
| 24012 | | | | | |
| 24013 | ***TELRIC*** | E24002+E24011 | | | $183.72 |
| 24014 | | | | | |
| 24015 | ***Common*** | | | | |
| 24016 | Executive Expense | D24016*E24013 | | 0.007805 | $1.43 |
| 24017 | Planning Expense | D24017*E24013 | | 0.000580 | $0.11 |
| 24018 | External Relations Expense | D24018*E24013 | | 0.013029 | $2.39 |
| 24019 | Legal Expense | D24019*E24013 | | 0.006148 | $1.13 |
| 24020 | Other Procurement Expense | D24020*E24013 | | 0.002359 | $0.43 |
| 24021 | Research & Development Expense | D24021*E24013 | | 0.000036 | $0.01 |
| 24022 | Other General and Admin Expense | D24022*E24013 | | 0.015212 | $2.79 |
| 24023 | ***Common Costs*** | Sum(E24016:E24022) | | | $8.30 |
| 24024 | | | | | |
| 24025 | ***TELRIC + Common Costs*** | E24013+E24023 | | | $192.02 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)*** | | | | | | | | |
| ***Subtotal - CO*** | | | | | | **29.00** | | **$21.17** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| Travel to end user premises | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Contact CCT-I (Customer Communication Technician-Implementor) to work order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Notify customer/co-provider of work completion | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Post order complete in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **55.00** | | **$40.16** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CO** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| DISABLE CIRCUIT | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| DISC JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPLETE ORDER IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CO*** | | | | | | **11.30** | | **$8.25** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Contact customer | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **241.40** | | **$170.16** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS0 FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 24167 | **Direct Cost** | | | | $170.16 |
| 24168 | | | | | |
| 24169 | | | | | |
| 24170 | | | | | |
| 24171 | | | | | |
| 24172 | ***Directly Assigned*** | | | | |
| 24173 | Product Management Expense | D24173*E24167 | | 0.025565 | $4.35 |
| 24174 | Sales Expense | D24174*E24167 | | 0.009225 | $1.57 |
| 24175 | Product Advertising Expense | D24175*E24167 | | 0.000000 | $0.00 |
| 24176 | Business Fees (Other Operating Taxes) | D24176*Sum(E24167:E24175) | | 0.002025 | $0.36 |
| 24177 | ***Directly Assigned Costs*** | Sum(E24167:E24176) | | | $6.28 |
| 24178 | | | | | |
| 24179 | ***Total Direct Costs*** | E24167+E24177 | | | $176.44 |
| 24180 | | | | | |
| 24181 | ***Directly Attributed*** | | | | |
| 24182 | Network Operations | D24182*E24179 | | 0.040880 | $7.21 |
| 24183 | Network Support Assets | D24183*E24179 | | 0.015364 | $2.71 |
| 24184 | General Support Assets | D24184*E24179 | | 0.069508 | $12.26 |
| 24185 | General Purpose Computers | D24185*E24179 | | 0.034714 | $6.12 |
| 24186 | Uncollectible | D24186*E24179 | | 0.000401 | $0.07 |
| 24187 | Accounting & Finance Expense | D24187*E24179 | | 0.008839 | $1.56 |
| 24188 | Human Resources Expense | D24188*E24179 | | 0.008145 | $1.44 |
| 24189 | Information Management Expense | D24189*E24179 | | 0.057009 | $10.06 |
| 24190 | Intangibles | D24190*E24179 | | 0.002091 | $0.37 |
| 24191 | ***Directly Attributed Costs*** | Sum(E24182:E24190) | | | $41.81 |
| 24192 | | | | | |
| 24193 | ***TELRIC*** | E24182+E24191 | | | $218.24 |
| 24194 | | | | | |
| 24195 | ***Common*** | | | | |
| 24196 | Executive Expense | D24196*E24193 | | 0.007805 | $1.70 |
| 24197 | Planning Expense | D24197*E24193 | | 0.000580 | $0.13 |
| 24198 | External Relations Expense | D24198*E24193 | | 0.013029 | $2.84 |
| 24199 | Legal Expense | D24199*E24193 | | 0.006148 | $1.34 |
| 24200 | Other Procurement Expense | D24200*E24193 | | 0.002359 | $0.51 |
| 24201 | Research & Development Expense | D24201*E24193 | | 0.000036 | $0.01 |
| 24202 | Other General and Admin Expense | D24202*E24193 | | 0.015212 | $3.32 |
| 24203 | ***Common Costs*** | Sum(E24196:E24202) | | | $9.86 |
| 24204 | | | | | |
| 24205 | ***TELRIC + Common Costs*** | E24193+E24203 | | | $228.10 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-LOOP PROVISIONING CENTER (LPC)** | | | | | | | | |
| ***.4 weighting is probability a Loop order will fall out for manual assistance.*** | | | | | | | | |
| Clear RMA (Request for manual assistance) | 11.25 | 0.400 | | | | 4.50 | $37.78 | $2.83 |
| ***Subtotal - LOOP PROVISIONING CENTER (LPC)*** | | | | | | **4.50** | | **$2.83** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| Order handling/screening | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC (Generic Order Control) order log | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Prepare loop input/DRI (Design Related Information) | 10 | 0.200 | | | | 2.00 | $44.31 | $1.48 |
| Circuit design | 20 | 0.100 | | | | 2.00 | $44.31 | $1.48 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **6.80** | | **$5.02** |
| **-CO** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| 1 JUMPER | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| TEST CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| COMPLETE IN WFA-DI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| COMPLETE ORDER WITH CCT-I | 3 | 1.000 | | | | 3.00 | $43.81 | $2.19 |
| ***Subtotal - CO*** | | | | | | **29.00** | | **$21.17** |
| **-LOAD RESOURCE ADMINISTRATION CENTER (LRAC)** | | | | | | | | |
| Screen order | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| Load work request to technician | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)*** | | | | | | | | |
| Close out work request with technician | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LOAD RESOURCE ADMINISTRATION CENTER (LRAC)*** | | | | | | **10.00** | | **$6.30** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| Complete AP/SAC (Access Point/Serving Area Connection ) Point wiring | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| Complete performance/conformance testing | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| Report test results to CCT-I (Customer Communication Technician-Implementor) | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| Contact LRAC (Load Resource Administration Center) to close order | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Verify LNO (Local Network Operation) completion | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| Complete performance testing | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **50.00** | | **$36.51** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| Order handling/screening | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC (Generic Order Control) order log | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| Enter WA (Work Authorization) mask | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Disconnect circuit | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| Distribute WORD (Work Order Record Detail) document | 2 | 0.050 | | | | 0.10 | $44.31 | $0.07 |
| ***Subtotal - DESIGN*** | | | | | | **2.20** | | **$1.62** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| Analyze order | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| Remove cross-connect | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)*** | | | | | | | | |
| Complete work request in WFA-DI (Work Force Administration - Dispatch In Module) | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| ***Total For Service:*** | | | | | | **156.60** | | **$111.05** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS0 EACH ADDITIONAL (con't)***

| | | | | | | |
|---|---|---|---|---|---|---|
| 24347 | **Direct Cost** | | | | | $111.05 |
| 24348 | | | | | | |
| 24349 | | | | | | |
| 24350 | | | Cost Calculation | | Cost Factor | Cost |
| 24351 | | | B | C | D | E |
| 24352 | ***Directly Assigned*** | | | | | |
| 24353 | Product Management Expense | | D24353*E24347 | | 0.025565 | $2.84 |
| 24354 | Sales Expense | | D24354*E24347 | | 0.009225 | $1.02 |
| 24355 | Product Advertising Expense | | D24355*E24347 | | 0.000000 | $0.00 |
| 24356 | Business Fees (Other Operating Taxes) | | D24356*Sum(E24347:E24355) | | 0.002025 | $0.23 |
| 24357 | ***Directly Assigned Costs*** | | Sum(E24347:E24356) | | | $4.10 |
| 24358 | | | | | | |
| 24359 | ***Total Direct Costs*** | | E24347+E24357 | | | $115.15 |
| 24360 | | | | | | |
| 24361 | ***Directly Attributed*** | | | | | |
| 24362 | Network Operations | | D24362*E24359 | | 0.040880 | $4.71 |
| 24363 | Network Support Assets | | D24363*E24359 | | 0.015364 | $1.77 |
| 24364 | General Support Assets | | D24364*E24359 | | 0.069508 | $8.00 |
| 24365 | General Purpose Computers | | D24365*E24359 | | 0.034714 | $4.00 |
| 24366 | Uncollectible | | D24366*E24359 | | 0.000401 | $0.05 |
| 24367 | Accounting & Finance Expense | | D24367*E24359 | | 0.008839 | $1.02 |
| 24368 | Human Resources Expense | | D24368*E24359 | | 0.008145 | $0.94 |
| 24369 | Information Management Expense | | D24369*E24359 | | 0.057009 | $6.56 |
| 24370 | Intangibles | | D24370*E24359 | | 0.002091 | $0.24 |
| 24371 | ***Directly Attributed Costs*** | | Sum(E24362:E24370) | | | $27.28 |
| 24372 | | | | | | |
| 24373 | ***TELRIC*** | | E24362+E24371 | | | $142.43 |
| 24374 | | | | | | |
| 24375 | ***Common*** | | | | | |
| 24376 | Executive Expense | | D24376*E24373 | | 0.007805 | $1.11 |
| 24377 | Planning Expense | | D24377*E24373 | | 0.000580 | $0.08 |
| 24378 | External Relations Expense | | D24378*E24373 | | 0.013029 | $1.86 |
| 24379 | Legal Expense | | D24379*E24373 | | 0.006148 | $0.88 |
| 24380 | Other Procurement Expense | | D24380*E24373 | | 0.002359 | $0.34 |
| 24381 | Research & Development Expense | | D24381*E24373 | | 0.000036 | $0.01 |
| 24382 | Other General and Admin Expense | | D24382*E24373 | | 0.015212 | $2.17 |
| 24383 | ***Common Costs*** | | Sum(E24376:E24382) | | | $6.43 |
| 24384 | | | | | | |
| 24385 | ***TELRIC + Common Costs*** | | E24373+E24383 | | | $148.86 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Exchange info, obtain CO, name, address, office type. Access Telephone Address Guide to ob | 4 | 1.000 | | | | 4.00 | $40.03 | $2.67 |
| CPPD look-up billing USOC's for co-provider | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Summary Bill List-Look up Billing Telephone Number, tax code, and bill date | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Determine critical dates | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| Handle issues including conditioning, facility, cable&pair | 5 | 0.600 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **38.00** | | **$25.35** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)*** | | | | | | | | |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |
| TRAVEL TIME | 21 | 1.000 | | | | 21.00 | $42.68 | $14.94 |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| CONTACT CCTI TO WORK ORDER | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 3 | 1.000 | | | | 3.00 | $42.68 | $2.13 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **46.60** | | **$33.15** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| NOTIFY CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **75.00** | | **$54.76** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Review LSR for completeness and accuracy, contractual entries | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Verify existing account (access CSR in BOSS/CARS) and obtain closing bill address. | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Type, review and submit to customer the Firm Order Confirmation (FOC) | 2 | 1.000 | | | | 2.00 | $40.03 | $1.33 |
| Input order into service order processor. Type and format order for billing and provisioning | 10 | 1.000 | | | | 10.00 | $40.03 | $6.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **23.00** | | **$15.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)*** | | | | | | | | |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| CONTACT CUSTOMER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CIRCUIT IN WFA/C | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **15.00** | | **$10.95** |
| ***Total For Service:*** | | | | | | **302.45** | | **$215.24** |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS1 FIRST (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 24527 | **Direct Cost** | | | $215.24 |
| 24528 | | | | |
| 24529 | | | | |
| 24530 | | | | |
| 24531 | | | | |
| 24532 | ***Directly Assigned*** | | | |
| 24533 | Product Management Expense | D24533*E24527 | 0.025565 | $5.50 |
| 24534 | Sales Expense | D24534*E24527 | 0.009225 | $1.99 |
| 24535 | Product Advertising Expense | D24535*E24527 | 0.000000 | $0.00 |
| 24536 | Business Fees (Other Operating Taxes) | D24536*Sum(E24527:E24535) | 0.002025 | $0.45 |
| 24537 | ***Directly Assigned Costs*** | Sum(E24527:E24536) | | $7.94 |
| 24538 | | | | |
| 24539 | ***Total Direct Costs*** | E24527+E24537 | | $223.18 |
| 24540 | | | | |
| 24541 | ***Directly Attributed*** | | | |
| 24542 | Network Operations | D24542*E24539 | 0.040880 | $9.12 |
| 24543 | Network Support Assets | D24543*E24539 | 0.015364 | $3.43 |
| 24544 | General Support Assets | D24544*E24539 | 0.069508 | $15.51 |
| 24545 | General Purpose Computers | D24545*E24539 | 0.034714 | $7.75 |
| 24546 | Uncollectible | D24546*E24539 | 0.000401 | $0.09 |
| 24547 | Accounting & Finance Expense | D24547*E24539 | 0.008839 | $1.97 |
| 24548 | Human Resources Expense | D24548*E24539 | 0.008145 | $1.82 |
| 24549 | Information Management Expense | D24549*E24539 | 0.057009 | $12.72 |
| 24550 | Intangibles | D24550*E24539 | 0.002091 | $0.47 |
| 24551 | ***Directly Attributed Costs*** | Sum(E24542:E24550) | | $52.88 |
| 24552 | | | | |
| 24553 | ***TELRIC*** | E24542+E24551 | | $276.06 |
| 24554 | | | | |
| 24555 | ***Common*** | | | |
| 24556 | Executive Expense | D24556*E24553 | 0.007805 | $2.15 |
| 24557 | Planning Expense | D24557*E24553 | 0.000580 | $0.16 |
| 24558 | External Relations Expense | D24558*E24553 | 0.013029 | $3.60 |
| 24559 | Legal Expense | D24559*E24553 | 0.006148 | $1.70 |
| 24560 | Other Procurement Expense | D24560*E24553 | 0.002359 | $0.65 |
| 24561 | Research & Development Expense | D24561*E24553 | 0.000036 | $0.01 |
| 24562 | Other General and Admin Expense | D24562*E24553 | 0.015212 | $4.20 |
| 24563 | ***Common Costs*** | Sum(E24556:E24562) | | $12.47 |
| 24564 | | | | |
| 24565 | ***TELRIC + Common Costs*** | E24553+E24563 | | $288.53 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***.6 probability is percent of time this activity will occur.*** | | | | | | | | |
| Verify Connecting Facility Assignment (CFA) for facility/circuit availability | 1 | 1.000 | | | | 1.00 | $40.03 | $0.67 |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Handle calls from other departments working the order | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| Handle issues including conditioning, facility, cable&pair | 1 | 0.600 | | | | 0.60 | $40.03 | $0.40 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **13.20** | | **$8.81** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREENING | 5 | 0.200 | | | | 1.00 | $44.31 | $0.74 |
| GOC ORDER LOG | 6 | 0.200 | | | | 1.20 | $44.31 | $0.89 |
| ENTER WA MASK | 5 | 0.800 | | | | 4.00 | $44.31 | $2.95 |
| PREP LOOP INPUT/DRI | 15 | 0.750 | | | | 11.25 | $44.31 | $8.31 |
| CIRCUIT DESIGN | 30 | 1.000 | | | | 30.00 | $44.31 | $22.16 |
| DISTRIBUTE WORD DOC | 2 | 0.900 | | | | 1.80 | $44.31 | $1.33 |
| ***Subtotal - DESIGN*** | | | | | | **49.25** | | **$36.37** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE LOOP QUALIFICATION | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| COMPLETE CROSS-CONNECT | 4 | 1.000 | | | | 4.00 | $43.81 | $2.92 |
| CONTINUITY/STRESS TESTS | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| POST COMPLETE IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **31.00** | | **$22.64** |
| **-LRAC** | | | | | | | | |
| SCREEN ORDER | 2 | 1.000 | | | | 2.00 | $37.78 | $1.26 |
| LOAD WORK REQUEST TO TECH | 5 | 1.000 | | | | 5.00 | $37.78 | $3.15 |
| CLOSE OUT WORK REQUEST | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| COMPLETE WORK IN WFADO | 3 | 1.000 | | | | 3.00 | $37.78 | $1.89 |
| ***Subtotal - LRAC*** | | | | | | **13.00** | | **$8.19** |
| **-INSTALLATION/FIELD TECHNICIAN** | | | | | | | | |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL (con't)*** | | | | | | | | |
| ***0.2 probability is percent of time access/sac point work required.*** | | | | | | | | |
| AP/SAC POINT WORK | 13 | 0.200 | | | | 2.60 | $42.68 | $1.85 |
| COMPLETE CONTINUITY TESTING | 15 | 1.000 | | | | 15.00 | $42.68 | $10.67 |
| REPORT TEST RESULTS TO CCTI | 2 | 1.000 | | | | 2.00 | $42.68 | $1.42 |
| COMPLETE WITH LRAC | 1 | 1.000 | | | | 1.00 | $42.68 | $0.71 |
| ***Subtotal - INSTALLATION/FIELD TECHNICIAN*** | | | | | | **20.60** | | **$14.65** |
| **-SERVICE DELIVERY IMPLEMENTOR** | | | | | | | | |
| SCREEN WFA FOR CIRCUIT | 15 | 1.000 | | | | 15.00 | $43.81 | $10.95 |
| VERIFY LNO FOR CIRCUIT | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| TEST CIRCUIT | 35 | 1.000 | | | | 35.00 | $43.81 | $25.56 |
| COMPLETE CIRCUIT IN WFA/C | 10 | 1.000 | | | | 10.00 | $43.81 | $7.30 |
| ***Subtotal - SERVICE DELIVERY IMPLEMENTOR*** | | | | | | **70.00** | | **$51.11** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| Populate required fields | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| Input order into service order processor. Type and format order for billing and provisioning | 5 | 1.000 | | | | 5.00 | $40.03 | $3.34 |
| Ensure order is successfully distributed to the systems and is ready for provisioning | 3 | 1.000 | | | | 3.00 | $40.03 | $2.00 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **11.00** | | **$7.34** |
| **-DESIGN** | | | | | | | | |
| ***Probabilities are % manual work required. Reciprocal is mechanization rate.*** | | | | | | | | |
| ORDER HANDLING/SCREEN | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| GOC ORDER LOG | 6 | 0.100 | | | | 0.60 | $44.31 | $0.44 |
| ENTER WA MASK | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISCONNECT CIRCUIT | 5 | 0.100 | | | | 0.50 | $44.31 | $0.37 |
| DISTRIBUTE WORD DOC | 2 | 0.100 | | | | 0.20 | $44.31 | $0.15 |
| ***Subtotal - DESIGN*** | | | | | | **2.30** | | **$1.70** |
| **-CENTRAL OFFICE FRAMES** | | | | | | | | |
| ANALYZE ORDER | 5 | 1.000 | | | | 5.00 | $43.81 | $3.65 |
| REMOVE JUMPER | 2.3 | 1.000 | | | | 2.30 | $43.81 | $1.68 |
| COMPETE WORK IN WFADI | 2 | 1.000 | | | | 2.00 | $43.81 | $1.46 |
| ***Subtotal - CENTRAL OFFICE FRAMES*** | | | | | | **9.30** | | **$6.79** |
| ***Total For Service:*** | | | | | | **219.65** | | **$157.59** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***UNE-COMBINATION LMC-LOOP DS1 EACH ADDITIONAL (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24662 | **Direct Cost** | | | | $157.59 |
| 24663 | | | | | |
| 24664 | | Cost Calculation | | Cost Factor | Cost |
| 24665 | | | | | |
| 24666 | | B | C | D | E |
| 24667 | ***Directly Assigned*** | | | | |
| 24668 | Product Management Expense | D24668*E24662 | | 0.025565 | $4.03 |
| 24669 | Sales Expense | D24669*E24662 | | 0.009225 | $1.45 |
| 24670 | Product Advertising Expense | D24670*E24662 | | 0.000000 | $0.00 |
| 24671 | Business Fees (Other Operating Taxes) | D24671*Sum(E24662:E24670) | | 0.002025 | $0.33 |
| 24672 | ***Directly Assigned Costs*** | Sum(E24662:E24671) | | | $5.81 |
| 24673 | | | | | |
| 24674 | ***Total Direct Costs*** | E24662+E24672 | | | $163.40 |
| 24675 | | | | | |
| 24676 | ***Directly Attributed*** | | | | |
| 24677 | Network Operations | D24677*E24674 | | 0.040880 | $6.68 |
| 24678 | Network Support Assets | D24678*E24674 | | 0.015364 | $2.51 |
| 24679 | General Support Assets | D24679*E24674 | | 0.069508 | $11.36 |
| 24680 | General Purpose Computers | D24680*E24674 | | 0.034714 | $5.67 |
| 24681 | Uncollectible | D24681*E24674 | | 0.000401 | $0.07 |
| 24682 | Accounting & Finance Expense | D24682*E24674 | | 0.008839 | $1.44 |
| 24683 | Human Resources Expense | D24683*E24674 | | 0.008145 | $1.33 |
| 24684 | Information Management Expense | D24684*E24674 | | 0.057009 | $9.32 |
| 24685 | Intangibles | D24685*E24674 | | 0.002091 | $0.34 |
| 24686 | ***Directly Attributed Costs*** | Sum(E24677:E24685) | | | $38.72 |
| 24687 | | | | | |
| 24688 | ***TELRIC*** | E24677+E24686 | | | $202.12 |
| 24689 | | | | | |
| 24690 | ***Common*** | | | | |
| 24691 | Executive Expense | D24691*E24688 | | 0.007805 | $1.58 |
| 24692 | Planning Expense | D24692*E24688 | | 0.000580 | $0.12 |
| 24693 | External Relations Expense | D24693*E24688 | | 0.013029 | $2.63 |
| 24694 | Legal Expense | D24694*E24688 | | 0.006148 | $1.24 |
| 24695 | Other Procurement Expense | D24695*E24688 | | 0.002359 | $0.48 |
| 24696 | Research & Development Expense | D24696*E24688 | | 0.000036 | $0.01 |
| 24697 | Other General and Admin Expense | D24697*E24688 | | 0.015212 | $3.07 |
| 24698 | ***Common Costs*** | Sum(E24691:E24697) | | | $9.13 |
| 24699 | | | | | |
| 24700 | ***TELRIC + Common Costs*** | E24688+E24698 | | | $211.25 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| D CHANNEL TRK GROUP | 35 | 0.660 | | | | 23.10 | $41.45 | $15.96 |
| PER B CHANNEL TRK GROUP | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ALTERNATE RI FOR DATA | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| *Subtotal - NROC* | | | | | | 260.70 | | $180.10 |
| -TRANSLATIONS - INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 25 | 0.660 | | | | 16.50 | $41.45 | $11.40 |
| PER B CHANNEL TRK GROUP | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ALTERNATE RI FOR DATA | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| *Subtotal - TRANSLATIONS - INPUT* | | | | | | 204.60 | | $141.34 |
| *DISCONNECT* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 10 | 0.660 | | | | 6.60 | $41.45 | $4.56 |
| PER B CHANNEL TRK GROUP | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| *Subtotal - NROC* | | | | | | 135.30 | | $93.47 |
| -INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| PRI INTERFACE GRP PER D CHAN | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| D CHANNEL TRK GROUP | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK GROUP | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| D CHANNEL TRK MEMBER | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| PER B CHANNEL TRK MEMBER | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - INPUT*** | | | | | | **118.80** | | **$82.07** |
| ***Total For Service:*** | | | | | | **719.40** | | **$496.99** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P DEDICATED PRI 23B+D SERVICE CONFIGURATION (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 24797 | **Direct Cost** | | | | $496.99 |
| 24798 | | | | | |
| 24799 | | Cost Calculation | | Cost Factor | Cost |
| 24800 | | B | C | D | E |
| 24801 | | | | | |
| 24802 | ***Directly Assigned*** | | | | |
| 24803 | Product Management Expense | D24803*E24797 | | 0.025565 | $12.71 |
| 24804 | Sales Expense | D24804*E24797 | | 0.009225 | $4.58 |
| 24805 | Product Advertising Expense | D24805*E24797 | | 0.000000 | $0.00 |
| 24806 | Business Fees (Other Operating Taxes) | D24806*Sum(E24797:E24805) | | 0.002025 | $1.04 |
| 24807 | ***Directly Assigned Costs*** | Sum(E24797:E24806) | | | $18.33 |
| 24808 | | | | | |
| 24809 | ***Total Direct Costs*** | E24797+E24807 | | | $515.32 |
| 24810 | | | | | |
| 24811 | ***Directly Attributed*** | | | | |
| 24812 | Network Operations | D24812*E24809 | | 0.040880 | $21.07 |
| 24813 | Network Support Assets | D24813*E24809 | | 0.015364 | $7.92 |
| 24814 | General Support Assets | D24814*E24809 | | 0.069508 | $35.82 |
| 24815 | General Purpose Computers | D24815*E24809 | | 0.034714 | $17.89 |
| 24816 | Uncollectible | D24816*E24809 | | 0.000401 | $0.21 |
| 24817 | Accounting & Finance Expense | D24817*E24809 | | 0.008839 | $4.55 |
| 24818 | Human Resources Expense | D24818*E24809 | | 0.008145 | $4.20 |
| 24819 | Information Management Expense | D24819*E24809 | | 0.057009 | $29.38 |
| 24820 | Intangibles | D24820*E24809 | | 0.002091 | $1.08 |
| 24821 | ***Directly Attributed Costs*** | Sum(E24812:E24820) | | | $122.10 |
| 24822 | | | | | |
| 24823 | ***TELRIC*** | E24812+E24821 | | | $637.42 |
| 24824 | | | | | |
| 24825 | ***Common*** | | | | |
| 24826 | Executive Expense | D24826*E24823 | | 0.007805 | $4.98 |
| 24827 | Planning Expense | D24827*E24823 | | 0.000580 | $0.37 |
| 24828 | External Relations Expense | D24828*E24823 | | 0.013029 | $8.30 |
| 24829 | Legal Expense | D24829*E24823 | | 0.006148 | $3.92 |
| 24830 | Other Procurement Expense | D24830*E24823 | | 0.002359 | $1.50 |
| 24831 | Research & Development Expense | D24831*E24823 | | 0.000036 | $0.02 |
| 24832 | Other General and Admin Expense | D24832*E24823 | | 0.015212 | $9.70 |
| 24833 | ***Common Costs*** | Sum(E24826:E24832) | | | $28.79 |
| 24834 | | | | | |
| 24835 | ***TELRIC + Common Costs*** | E24823+E24833 | | | $666.21 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ALTERNATE RI FOR DATA | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ***Subtotal - NROC*** | | | | | | **231.00** | | **$159.58** |
| -NROC | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 140 | 0.100 | 0.200 | | | 2.80 | $41.45 | $1.93 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.200 | | | 2.40 | $41.45 | $1.66 |
| PER ROUTE INDEX | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| ALTERNATE RI FOR DATA | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| ***Subtotal - NROC*** | | | | | | **7.00** | | **$4.84** |
| -INPUT | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ALTERNATE RI FOR DATA | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - INPUT*** | | | | | | **184.80** | | **$127.67** |
| -NROC | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 20% ADD B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 100 | 0.100 | 0.200 | | | 2.00 | $41.45 | $1.38 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.200 | | | 2.40 | $41.45 | $1.66 |
| PER ROUTE INDEX | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| ALTERNATE RI FOR DATA | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| ***Subtotal - NROC*** | | | | | | **5.60** | | **$3.87** |
| ***DISCONNECT*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - NROC*** | | | | | | **125.40** | | **$86.63** |
| **-NROC** | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 40 | 0.100 | 0.800 | | | 3.20 | $41.45 | $2.21 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.800 | | | 9.60 | $41.45 | $6.63 |
| PER ROUTE INDEX | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ALTERNATE RI FOR DATA | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - NROC*** | | | | | | **15.20** | | **$10.50** |
| **-INPUT** | | | | | | | | |
| ***PROB #1 = % BY SWITCH TYPE*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| PER B CHANNEL TRK MEMBER | 120 | 0.660 | | | | 79.20 | $41.45 | $54.71 |
| PER ROUTE INDEX | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ALTERNATE RI FOR DATA | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***NROC*** | | | | | | | | |
| ***PROB #1 = 10% OF CUSTOMERS MAKING CHANGES BEFORE SERVICE ORDER COMPLETED*** | | | | | | | | |
| ***PROB #2 = OF THE 10% OF TOTAL CUSTOMERS, 80% DISCONNECT B-CHANNEL TRUNK GROUPS AND B-CHANNEL MEMBER CHANGES WHICH IMPACT THE ROUTE INDEX.*** | | | | | | | | |
| PER B CHANNEL TRK GRP | 20 | 0.100 | 0.800 | | | 1.60 | $41.45 | $1.11 |
| PER B CHANNEL TRK MEMBER | 120 | 0.100 | 0.800 | | | 9.60 | $41.45 | $6.63 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)*** | | | | | | | | |
| PER ROUTE INDEX | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ALTERNATE RI FOR DATA | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - INPUT*** | | | | | | **125.80** | | **$86.91** |
| ***Total For Service:*** | | | | | | **694.80** | | **$479.99** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE- P DEDICATED PRI 24B SERVICE CONFIGURATION (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 24977 | **Direct Cost** | | | $479.99 |
| 24978 | | | | |
| 24979 | | | | |
| 24980 | | | | |
| 24981 | | | | |
| 24982 | ***Directly Assigned*** | | | |
| 24983 | Product Management Expense | D24983*E24977 | 0.025565 | $12.27 |
| 24984 | Sales Expense | D24984*E24977 | 0.009225 | $4.43 |
| 24985 | Product Advertising Expense | D24985*E24977 | 0.000000 | $0.00 |
| 24986 | Business Fees (Other Operating Taxes) | D24986*Sum(E24977:E24985) | 0.002025 | $1.01 |
| 24987 | ***Directly Assigned Costs*** | Sum(E24977:E24986) | | $17.70 |
| 24988 | | | | |
| 24989 | ***Total Direct Costs*** | E24977+E24987 | | $497.70 |
| 24990 | | | | |
| 24991 | ***Directly Attributed*** | | | |
| 24992 | Network Operations | D24992*E24989 | 0.040880 | $20.35 |
| 24993 | Network Support Assets | D24993*E24989 | 0.015364 | $7.65 |
| 24994 | General Support Assets | D24994*E24989 | 0.069508 | $34.59 |
| 24995 | General Purpose Computers | D24995*E24989 | 0.034714 | $17.28 |
| 24996 | Uncollectible | D24996*E24989 | 0.000401 | $0.20 |
| 24997 | Accounting & Finance Expense | D24997*E24989 | 0.008839 | $4.40 |
| 24998 | Human Resources Expense | D24998*E24989 | 0.008145 | $4.05 |
| 24999 | Information Management Expense | D24999*E24989 | 0.057009 | $28.37 |
| 25000 | Intangibles | D25000*E24989 | 0.002091 | $1.04 |
| 25001 | ***Directly Attributed Costs*** | Sum(E24992:E25000) | | $117.93 |
| 25002 | | | | |
| 25003 | ***TELRIC*** | E24992+E25001 | | $615.63 |
| 25004 | | | | |
| 25005 | ***Common*** | | | |
| 25006 | Executive Expense | D25006*E25003 | 0.007805 | $4.80 |
| 25007 | Planning Expense | D25007*E25003 | 0.000580 | $0.36 |
| 25008 | External Relations Expense | D25008*E25003 | 0.013029 | $8.02 |
| 25009 | Legal Expense | D25009*E25003 | 0.006148 | $3.78 |
| 25010 | Other Procurement Expense | D25010*E25003 | 0.002359 | $1.45 |
| 25011 | Research & Development Expense | D25011*E25003 | 0.000036 | $0.02 |
| 25012 | Other General and Admin Expense | D25012*E25003 | 0.015212 | $9.36 |
| 25013 | ***Common Costs*** | Sum(E25006:E25012) | | $27.81 |
| 25014 | | | | |
| 25015 | ***TELRIC + Common Costs*** | E25003+E25013 | | $643.43 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -NROC | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 140 | 0.660 | | | | 92.40 | $41.45 | $63.83 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| Alternate route index for data | 45 | 0.660 | | | | 29.70 | $41.45 | $20.52 |
| ***Subtotal - NROC*** | | | | | | **231.00** | | **$159.58** |
| -NROC | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of total customers*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 20% add b-Channel trunk groups and B-channel member changes which impact the route index*** | | | | | | | | |
| Per B Channel trunk group | 140 | 0.100 | 0.200 | | | 2.80 | $41.45 | $1.93 |
| Per B Channel trunk member | 115 | 0.100 | 0.200 | | | 2.30 | $41.45 | $1.59 |
| Per route index | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| Alternate route index for data | 45 | 0.100 | 0.200 | | | 0.90 | $41.45 | $0.62 |
| ***Subtotal - NROC*** | | | | | | **6.90** | | **$4.77** |
| -INPUT | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 100 | 0.660 | | | | 66.00 | $41.45 | $45.60 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| Alternate route index for data | 30 | 0.660 | | | | 19.80 | $41.45 | $13.68 |
| ***Subtotal - INPUT*** | | | | | | **184.80** | | **$127.67** |
| -NROC | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 20% add b-Channel trunk groups and B-channel member changes which impact the route index*** | | | | | | | | |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)*** | | | | | | | | |
| Per B Channel trunk group | 100 | 0.100 | 0.200 | | | 2.00 | $41.45 | $1.38 |
| Per B Channel trunk member | 115 | 0.100 | 0.200 | | | 2.30 | $41.45 | $1.59 |
| Per route index | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| Alternate route index for data | 30 | 0.100 | 0.200 | | | 0.60 | $41.45 | $0.41 |
| ***Subtotal - NROC*** | | | | | | **5.50** | | **$3.80** |
| ***DISCONNECT*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B channel trunk group | 40 | 0.660 | | | | 26.40 | $41.45 | $18.24 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| Alternate route index for data | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - NROC*** | | | | | | **125.40** | | **$86.63** |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 80% disconnect B-Channel trunk groups and B-Channel member changes which impact the route index.*** | | | | | | | | |
| Per B channel trunk group | 40 | 0.100 | 0.800 | | | 3.20 | $41.45 | $2.21 |
| Per B Channel trunk member | 115 | 0.100 | 0.800 | | | 9.20 | $41.45 | $6.36 |
| Per route index | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| Alternate route index for data | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - NROC*** | | | | | | **14.80** | | **$10.22** |
| **-INPUT** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = % by switch type*** | | | | | | | | |
| Per B Channel trunk group | 20 | 0.660 | | | | 13.20 | $41.45 | $9.12 |
| D Channel trunk member | 5 | 0.660 | | | | 3.30 | $41.45 | $2.28 |
| Per B Channel trunk member | 115 | 0.660 | | | | 75.90 | $41.45 | $52.43 |
| Per route index | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| Alternate route index for data | 15 | 0.660 | | | | 9.90 | $41.45 | $6.84 |
| ***Subtotal - INPUT*** | | | | | | **112.20** | | **$77.51** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota


ENRC Version: 2.14
Date: 07/11/01

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)*** | | | | | | | | |
| **-NROC** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = 10% of customers making changes before service order completed*** | | | | | | | | |
| ***Column 3 = of the 10% of total customers, 80% disconnect B-Channel trunk groups and B-Channel member changes which impact the route index.*** | | | | | | | | |
| Per B Channel trunk group | 20 | 0.100 | 0.800 | | | 1.60 | $41.45 | $1.11 |
| Per B Channel trunk member | 115 | 0.100 | 0.800 | | | 9.20 | $41.45 | $6.36 |
| Per route index | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| Alternate route index for data | 15 | 0.100 | 0.800 | | | 1.20 | $41.45 | $0.83 |
| ***Subtotal - NROC*** | | | | | | **13.20** | | **$9.12** |
| ***Total For Service:*** | | | | | | **693.80** | | **$479.30** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE- P DED PRI - 23B+BACK UP D CONFIGURATION - 5E (con't)***

| | | Cost Calculation | Cost Factor | Cost |
|---|---|---|---|---|
| | | B | C | D | E |
| 25157 | **Direct Cost** | | | | $479.30 |
| 25158 | | | | | |
| 25159 | | | | | |
| 25160 | | | | | |
| 25161 | | | | | |
| 25162 | ***Directly Assigned*** | | | | |
| 25163 | Product Management Expense | D25163*E25157 | | 0.025565 | $12.25 |
| 25164 | Sales Expense | D25164*E25157 | | 0.009225 | $4.42 |
| 25165 | Product Advertising Expense | D25165*E25157 | | 0.000000 | $0.00 |
| 25166 | Business Fees (Other Operating Taxes) | D25166*Sum(E25157:E25165) | | 0.002025 | $1.00 |
| 25167 | ***Directly Assigned Costs*** | Sum(E25157:E25166) | | | $17.68 |
| 25168 | | | | | |
| 25169 | ***Total Direct Costs*** | E25157+E25167 | | | $496.98 |
| 25170 | | | | | |
| 25171 | ***Directly Attributed*** | | | | |
| 25172 | Network Operations | D25172*E25169 | | 0.040880 | $20.32 |
| 25173 | Network Support Assets | D25173*E25169 | | 0.015364 | $7.64 |
| 25174 | General Support Assets | D25174*E25169 | | 0.069508 | $34.54 |
| 25175 | General Purpose Computers | D25175*E25169 | | 0.034714 | $17.25 |
| 25176 | Uncollectible | D25176*E25169 | | 0.000401 | $0.20 |
| 25177 | Accounting & Finance Expense | D25177*E25169 | | 0.008839 | $4.39 |
| 25178 | Human Resources Expense | D25178*E25169 | | 0.008145 | $4.05 |
| 25179 | Information Management Expense | D25179*E25169 | | 0.057009 | $28.33 |
| 25180 | Intangibles | D25180*E25169 | | 0.002091 | $1.04 |
| 25181 | ***Directly Attributed Costs*** | Sum(E25172:E25180) | | | $117.76 |
| 25182 | | | | | |
| 25183 | ***TELRIC*** | E25172+E25181 | | | $614.74 |
| 25184 | | | | | |
| 25185 | ***Common*** | | | | |
| 25186 | Executive Expense | D25186*E25183 | | 0.007805 | $4.80 |
| 25187 | Planning Expense | D25187*E25183 | | 0.000580 | $0.36 |
| 25188 | External Relations Expense | D25188*E25183 | | 0.013029 | $8.01 |
| 25189 | Legal Expense | D25189*E25183 | | 0.006148 | $3.78 |
| 25190 | Other Procurement Expense | D25190*E25183 | | 0.002359 | $1.45 |
| 25191 | Research & Development Expense | D25191*E25183 | | 0.000036 | $0.02 |
| 25192 | Other General and Admin Expense | D25192*E25183 | | 0.015212 | $9.35 |
| 25193 | ***Common Costs*** | Sum(E25186:E25192) | | | $27.77 |
| 25194 | | | | | |
| 25195 | ***TELRIC + Common Costs*** | E25183+E25193 | | | $642.51 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.00** | | **$24.15** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| -DESIGN SERVICE CENTER - IMPLEMENTOR | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| -COMPLEX TRANSLATIONS | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| *DISCONNECT* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)*** | | | | | | | | |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| ***.05, .95 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| Build/validate Work Authorization | 5 | 0.042 | 0.050 | | | 0.01 | $44.31 | $0.01 |
| Build/validate Work Authorization | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Build/Verify CD (Circuit Detail) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Build/Verify CD (Circuit Detail) | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| *Subtotal - DESIGN SERVICE CENTER - DESIGN* | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Verify LNO (Local Network Operation) completion | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Test Circuit | 25 | 0.042 | | | | 1.05 | $43.81 | $0.77 |
| Contact Customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| *Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR* | | | | | | **2.52** | | **$1.84** |
| *Total For Service:* | | | | | | **85.89** | | **$57.30** |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P DSS BASIC TRUNKS - IN-ONLY TRUNK (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 25337 | **Direct Cost** | | | | $57.30 |
| 25338 | | | | | |
| 25339 | | Cost Calculation | | Cost Factor | Cost |
| 25340 | | B | C | D | E |
| 25341 | | | | | |
| 25342 | ***Directly Assigned*** | | | | |
| 25343 | Product Management Expense | D25343*E25337 | | 0.025565 | $1.46 |
| 25344 | Sales Expense | D25344*E25337 | | 0.009225 | $0.53 |
| 25345 | Product Advertising Expense | D25345*E25337 | | 0.000000 | $0.00 |
| 25346 | Business Fees (Other Operating Taxes) | D25346*Sum(E25337:E25345) | | 0.002025 | $0.12 |
| 25347 | ***Directly Assigned Costs*** | Sum(E25337:E25346) | | | $2.11 |
| 25348 | | | | | |
| 25349 | ***Total Direct Costs*** | E25337+E25347 | | | $59.41 |
| 25350 | | | | | |
| 25351 | ***Directly Attributed*** | | | | |
| 25352 | Network Operations | D25352*E25349 | | 0.040880 | $2.43 |
| 25353 | Network Support Assets | D25353*E25349 | | 0.015364 | $0.91 |
| 25354 | General Support Assets | D25354*E25349 | | 0.069508 | $4.13 |
| 25355 | General Purpose Computers | D25355*E25349 | | 0.034714 | $2.06 |
| 25356 | Uncollectible | D25356*E25349 | | 0.000401 | $0.02 |
| 25357 | Accounting & Finance Expense | D25357*E25349 | | 0.008839 | $0.53 |
| 25358 | Human Resources Expense | D25358*E25349 | | 0.008145 | $0.48 |
| 25359 | Information Management Expense | D25359*E25349 | | 0.057009 | $3.39 |
| 25360 | Intangibles | D25360*E25349 | | 0.002091 | $0.12 |
| 25361 | ***Directly Attributed Costs*** | Sum(E25352:E25360) | | | $14.08 |
| 25362 | | | | | |
| 25363 | ***TELRIC*** | E25352+E25361 | | | $73.49 |
| 25364 | | | | | |
| 25365 | ***Common*** | | | | |
| 25366 | Executive Expense | D25366*E25363 | | 0.007805 | $0.57 |
| 25367 | Planning Expense | D25367*E25363 | | 0.000580 | $0.04 |
| 25368 | External Relations Expense | D25368*E25363 | | 0.013029 | $0.96 |
| 25369 | Legal Expense | D25369*E25363 | | 0.006148 | $0.45 |
| 25370 | Other Procurement Expense | D25370*E25363 | | 0.002359 | $0.17 |
| 25371 | Research & Development Expense | D25371*E25363 | | 0.000036 | $0.00 |
| 25372 | Other General and Admin Expense | D25372*E25363 | | 0.015212 | $1.12 |
| 25373 | ***Common Costs*** | Sum(E25366:E25372) | | | $3.32 |
| 25374 | | | | | |
| 25375 | ***TELRIC + Common Costs*** | E25363+E25373 | | | $76.81 |

## NONRECURRING COST DETAIL SUMMARY

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK*** | | | | | | | | |
| *ADD* | | | | | | | | |
| -INTERCONNECT SERVICE CENTER | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.00** | | **$24.15** |
| -DESIGN SERVICE CENTER - DESIGN | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)*** | | | | | | | | |
| *Subtotal - INTERCONNECT SERVICE CENTER* | | | | | | **23.00** | | **$15.01** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| ***.05, .95 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| PCList Trunks | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| Build/validate Work Authorization | 5 | 0.042 | 0.050 | | | 0.01 | $44.31 | $0.01 |
| Build/validate Work Authorization | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Build/Verify CD (Circuit Detail) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Build/Verify CD (Circuit Detail) | 2 | 0.042 | 0.950 | | | 0.08 | $44.31 | $0.06 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| *Subtotal - DESIGN SERVICE CENTER - DESIGN* | | | | | | **0.78** | | **$0.58** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24)*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Verify LNO (Local Network Operation) completion | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| Test Circuit | 25 | 0.042 | | | | 1.05 | $43.81 | $0.77 |
| Contact Customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| *Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR* | | | | | | **2.52** | | **$1.84** |
| *Total For Service:* | | | | | | **85.89** | | **$57.30** |

| | Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|---|
| | A | B | C | D | E | F | G | H | I |
| | | | | | | | B * (C Thru F) | | H * (G/60) |

***NEW UNE-P BASIC TRUNKS - OUT-ONLY TRUNK (con't)***

| | | | | | |
|---|---|---|---|---|---|
| 25517 | **Direct Cost** | | | | $57.30 |
| 25518 | | | | | |
| 25519 | | Cost Calculation | | Cost Factor | Cost |
| 25520 | | B | C | D | E |
| 25521 | | | | | |
| 25522 | ***Directly Assigned*** | | | | |
| 25523 | Product Management Expense | D25523*E25517 | | 0.025565 | $1.46 |
| 25524 | Sales Expense | D25524*E25517 | | 0.009225 | $0.53 |
| 25525 | Product Advertising Expense | D25525*E25517 | | 0.000000 | $0.00 |
| 25526 | Business Fees (Other Operating Taxes) | D25526*Sum(E25517:E25525) | | 0.002025 | $0.12 |
| 25527 | ***Directly Assigned Costs*** | Sum(E25517:E25526) | | | $2.11 |
| 25528 | | | | | |
| 25529 | ***Total Direct Costs*** | E25517+E25527 | | | $59.41 |
| 25530 | | | | | |
| 25531 | ***Directly Attributed*** | | | | |
| 25532 | Network Operations | D25532*E25529 | | 0.040880 | $2.43 |
| 25533 | Network Support Assets | D25533*E25529 | | 0.015364 | $0.91 |
| 25534 | General Support Assets | D25534*E25529 | | 0.069508 | $4.13 |
| 25535 | General Purpose Computers | D25535*E25529 | | 0.034714 | $2.06 |
| 25536 | Uncollectible | D25536*E25529 | | 0.000401 | $0.02 |
| 25537 | Accounting & Finance Expense | D25537*E25529 | | 0.008839 | $0.53 |
| 25538 | Human Resources Expense | D25538*E25529 | | 0.008145 | $0.48 |
| 25539 | Information Management Expense | D25539*E25529 | | 0.057009 | $3.39 |
| 25540 | Intangibles | D25540*E25529 | | 0.002091 | $0.12 |
| 25541 | ***Directly Attributed Costs*** | Sum(E25532:E25540) | | | $14.08 |
| 25542 | | | | | |
| 25543 | ***TELRIC*** | E25532+E25541 | | | $73.49 |
| 25544 | | | | | |
| 25545 | **Common** | | | | |
| 25546 | Executive Expense | D25546*E25543 | | 0.007805 | $0.57 |
| 25547 | Planning Expense | D25547*E25543 | | 0.000580 | $0.04 |
| 25548 | External Relations Expense | D25548*E25543 | | 0.013029 | $0.96 |
| 25549 | Legal Expense | D25549*E25543 | | 0.006148 | $0.45 |
| 25550 | Other Procurement Expense | D25550*E25543 | | 0.002359 | $0.17 |
| 25551 | Research & Development Expense | D25551*E25543 | | 0.000036 | $0.00 |
| 25552 | Other General and Admin Expense | D25552*E25543 | | 0.015212 | $1.12 |
| 25553 | ***Common Costs*** | Sum(E25546:E25552) | | | $3.32 |
| 25554 | | | | | |
| 25555 | ***TELRIC + Common Costs*** | E25543+E25553 | | | $76.81 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G<br>B * (C Thru F) | H | I<br>H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK*** | | | | | | | | |
| ***ADD*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Column 2 = occurrence*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, contractual entries (analyze request to determine co-provider, type of order and installation option)*** | | | | | | | | |
| Receive and screen LSR | 5 | 1.000 | | | | 5.00 | $39.16 | $3.26 |
| ***Verifies CFA or facility/circuit availability*** | | | | | | | | |
| Verify CFA | 4 | 1.000 | | | | 4.00 | $39.16 | $2.61 |
| ***Exchange Info-Obtain Central Office, name, address and office type, Access Telephone Address Guide to obtain the central office address and validate end user address*** | | | | | | | | |
| Obtain Central Office info | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| CPPD-lookup billing USOCs for co-provider | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Summary Bill List look up BTN#, tax code and bill date*** | | | | | | | | |
| Summary bill look up | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| Determine Critical Dates | 1 | 1.000 | | | | 1.00 | $39.16 | $0.65 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Input order into service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Includes handling calls from other departments working the order*** | | | | | | | | |
| Call Handling | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Handling of problems on the LSR, provisioining issues such as conditioning, facility problems, cable & pair, and typing problems handled by the center*** | | | | | | | | |
| Error on Service Order (ESOI) | 5 | 0.600 | | | | 3.00 | $39.16 | $1.96 |
| ***Subtotal - INTERCONNECT SERVICE CENTER*** | | | | | | **37.00** | | **$24.15** |
| **-DESIGN SERVICE CENTER - DESIGN** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members per group (1/24)*** | | | | | | | | |
| ***.05, .95, .20, .80 = % of manual probability*** | | | | | | | | |
| Order handling/screening | 10 | 0.042 | 1.000 | | | 0.42 | $44.31 | $0.31 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 10 | 0.042 | 0.050 | | | 0.02 | $44.31 | $0.02 |
| Validate DRI (Design Related Information) & WA (Work Authorization) | 4 | 0.042 | 0.950 | | | 0.16 | $44.31 | $0.12 |
| Build/Verify CD (Circuit Detail) | 15 | 0.042 | 0.200 | | | 0.13 | $44.31 | $0.09 |

Study Name: SOUTH DAKOTA DOCKET NONRECURRING ELEMENTS
Study Year: 2001
Analyst: Deffley/Eoriatti
Product Group: Interconnection
State: South Dakota



| Work Item | Time Minutes | Prob #1 | Prob #2 | Prob #3 | Prob #4 | Applied Time (Minutes) | Labor /Hour | Cost |
|---|---|---|---|---|---|---|---|---|
| A | B | C | D | E | F | G | H | I |
| | | | | | | B * (C Thru F) | | H * (G/60) |
| ***NEW UNE-P BASIC TRUNKS - TWO-WAY TRUNK (con't)*** | | | | | | | | |
| Build/Verify CD (Circuit Detail) | 3 | 0.042 | 0.800 | | | 0.10 | $44.31 | $0.07 |
| Distribute Documents | 2 | 0.042 | 1.000 | | | 0.08 | $44.31 | $0.06 |
| TAS | 15 | 0.042 | 1.000 | | | 0.63 | $44.31 | $0.47 |
| ***Subtotal - DESIGN SERVICE CENTER - DESIGN*** | | | | | | **1.54** | | **$1.14** |
| **-DESIGN SERVICE CENTER - IMPLEMENTOR** | | | | | | | | |
| ***PROB #1 = average number per trunk order*** | | | | | | | | |
| ***.042 based on average of 24 members*** | | | | | | | | |
| ***per group (1/24).*** | | | | | | | | |
| Screen WFA (Work Force Administration) for circuit | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Verify LNO (Local Network Operation) completion | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Notify customer | 5 | 0.042 | | | | 0.21 | $43.81 | $0.15 |
| Complete circuit in WFA/C (Work Force Administration - Control Module) | 10 | 0.042 | | | | 0.42 | $43.81 | $0.31 |
| ***Subtotal - DESIGN SERVICE CENTER - IMPLEMENTOR*** | | | | | | **1.05** | | **$0.77** |
| **-COMPLEX TRANSLATIONS** | | | | | | | | |
| ***PROB #1 = % of time complex translations*** | | | | | | | | |
| ***work is required*** | | | | | | | | |
| Administrative | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| Maintenance | 10 | 1.000 | | | | 10.00 | $41.45 | $6.91 |
| ***Subtotal - COMPLEX TRANSLATIONS*** | | | | | | **20.00** | | **$13.82** |
| ***DISCONNECT*** | | | | | | | | |
| **-INTERCONNECT SERVICE CENTER** | | | | | | | | |
| ***Column 1 = times*** | | | | | | | | |
| ***Reviews LSR for completeness and accuracy, validate circuit/trunks belongs to the co-provider*** | | | | | | | | |
| Receive LSR | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Verifies existing account (access CSR in BOSS/CARS) and obtains closing bill address if applicable*** | | | | | | | | |
| Verify existing account | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Type, review and submit to customer the Firm Order Confirmation (FOC)*** | | | | | | | | |
| Review FOC | 2 | 1.000 | | | | 2.00 | $39.16 | $1.31 |
| ***Input disconnect order into the service order processor (manually typing and formatting of all order for billing and provisioning)*** | | | | | | | | |
| Issue service order | 10 | 1.000 | | | | 10.00 | $39.16 | $6.53 |
| Customer Request Management (CRM) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |
| ***Ensure order is successfully distributed to the systems and is ready for provisioning*** | | | | | | | | |
| Service order Analysis & Control (SOAC) | 3 | 1.000 | | | | 3.00 | $39.16 | $1.96 |

| | | | Recurring | Nonrecurring |
|---|---|---|---|---|
| 7.7.2 | Expedite Charge (LIS Trunks) | Qwest's South Dakota Switched Access Tariff Section 5.2.2 Applied to LIS NRC | | |
| **7.8 Transit Traffic** | | | | |
| 7.8.1 | Exchange Service (EAS/Local) Transit | See Tandem Switching and Tandem Transmission Rates Above | | |
| | Local Transit Assumed Mileage | 7 | Miles | |
| 7.8.2 | IntraLATA Toll | Qwest's South Dakota Switched Access Tariff | | |
| | IntraLATA Toll Assumed Mileage | 7 | Miles | |
| 7.8.3 | Jointly Provided Switched Access | Qwest's South Dakota Switched Access Tariff | | |
| | | | | |
| **8.0 Collocation (Additional elements not caputured in the AT&T structure exist)** | | | | |
| **8.1 All Collocation** | | | | |
| 8.1.1 | Quote Preparation Fee | | AT&T Contract indicates recurring to be negotiated | $1,000.00 |
| 8.1.2 | Collocation Entrance Facility, per Fiber Pair | | $3.86 | $3,049.98 |
| | | | | |
| 8.1.3 | Cable Splicing | | | |
| | Fiber - Per Set-Up | | | $474.70 |
| | Per Fiber Spliced | | | $37.95 |
| | | | | |
| 8.1.4 | -48 Volt DC Power Usage, per Ampere, per Month | | $15.24 | |
| | | | | |
| 8.1.5 | -48 Volt DC Power Cable, per Foot, Per A and B Feeder | | | |
| | 20 Amp Feed | | $0.11 | $70.21 |
| | 40 Amp Feed | | $0.15 | $95.20 |
| | 60 Amp Feed | | $0.17 | $107.22 |
| | | | | |
| 8.1.6 | Inspector Labor, per Half Hour | | | |
| | Regular Hours Rate | | | $27.70 |
| | After Hours Rate, minimum 3 hours | | | $35.99 |
| | | | | |
| 8.1.7 | Channel Regeneration | | | |
| | 8.1.9.1 DS1 Regeneration | | $12.21 | $311.69 |
| | 8.1.9.2 DS3 Regeneration | | $75.61 | $313.28 |
| | | | | |
| 8.1.8 | Collocation Terminations | | | |
| | 8.1.8.1 Block Terminations | | | |
| | DS0, per 100 | | $1.10 | $617.55 |
| | DS1, Per 28 | | $0.76 | $449.96 |
| | DS3, Per Each Termination | | $0.43 | $249.87 |
| | | | | |
| | 8.1.8.2 Per Termination | | | |
| | DS0 | | $0.0100 | $5.18 |
| | DS1 | | $0.0200 | $12.26 |
| | DS3 | | $0.0300 | $185.78 |
| | | | | |
| **8.2 Virtual Collocation** | | | | |
| 8.2.1 | Maintenance Labor, per Half Hour | | | |
| | Regular Hours Rate | | | $24.54 |
| | After Hours Rate | | | $32.64 |
| | | | | |
| 8.2.2 | Training Labor, per Half Hour | | | |
| | Regular Hours Rate | | | $24.54 |
| | | | | |
| 8.2.3 | Equipment Bay -recurring, per Shelf | | $3.88 | |
| | | | | |
| 8.2.4 | Engineering Labor, per Half Hour | | | |

| | | | Recurring | Nonrecurring |
|---|---|---|---|---|
| | Regular Hours Rate | | | $23.93 |
| | After Hours Rate | | | $32.01 |
| | | | | |
| 8.2.5 | Installation Labor, per Half Hour | | | |
| | Regular Hours Rate | | | $27.70 |
| | After Hours Rate | | | $35.99 |
| | | | | |
| 8.2.6 | Floor Space Lease, per Square Foot | | | |
| | Zone 1 | | $2.75 | |
| | Zone 2 | | $2.26 | |
| | Zone 3 | | $2.06 | |
| | | | | |
| **8.3** | **Caged and Cageless Physical Collocation** | | | |
| 8.3.3 | Floor Space Lease, per Square Foot | | | |
| | Zone 1 | | $2.75 | |
| | Zone 2 | | $2.26 | |
| | Zone 3 | | $2.06 | |
| | | | | |
| **9.0** | **Unbundled Network Elements (UNEs)** | | | |
| **9.1** | **Interconnection Tie Pairs / Channel Regeneration** | | | |
| 9.1.1 | **Interconnection Tie Pairs (ITP)** | | | |
| | 9.1.1.1 DS0 2-wire, Per Termination | | $1.14 | $274.65 |
| | 9.1.1.2 DS0 4-wire, Per Termination | | $1.45 | $274.65 |
| | 9.1.1.3 DS1, Per Termination | | $12.57 | $311.69 |
| | 9.1.1.4 DS3, Per Termination | | $36.56 | $313.28 |
| | | | | |
| **9.2** | **Unbundled Loops** | | | |
| 9.2.1 | Analog Loops | | | |
| | 9.2.1.1 2-Wire Voice Grade | See Installation options, Section 9.2.4 | | |
| | Zone 1 | | $17.01 | |
| | Zone 2 | | $18.54 | |
| | Zone 3 | | $24.37 | |
| | | | | |
| | 9.2.1.2 4-Wire Voice Grade | See Installation options, Section 9.2.4 | | |
| | Zone 1 | | $31.72 | |
| | Zone 2 | | $34.59 | |
| | Zone 3 | | $45.46 | |
| | | | | |
| 9.2.2 | Non-loaded Loops | | | |
| | 9.2.2.1 2-wire Non-loaded Loop | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | | $17.01 | |
| | Zone 2 | | $18.54 | |
| | Zone 3 | | $24.37 | |
| | | | | |
| | 9.2.2.2 4-wire Non-loaded Loop | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | | $31.72 | |
| | Zone 2 | | $34.59 | |
| | Zone 3 | | $45.46 | |
| | | | | |
| | 9.2.2.3 Cable Unloading/Bridge Tap Removal | | | $58.50 |
| | | | | |
| 9.2.3 | Digital Capable Loops | | | |
| | | | | |
| | 9.2.3.1 Basic Rate ISDN / xDSL -I Capable / ADSL Compatible Loops | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | | $17.01 | |
| | Zone 2 | | $18.54 | |
| | Zone 3 | | $24.37 | |

| | | Recurring | Nonrecurring |
|---|---|---|---|
| 9.2.4 | Loop Installation Charges for 2 and 4 wire analog, 2 and 4 wire non-loaded, ADSL Compatible, ISDN BRI Capable and xDSL - I Capable Loops where conditioning is not required. | See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above. (If conditioning is required, charges may apply as specified in Section 9.2.2.3 above). | |
| 9.2.4.1 | Basic Installation | | |
| | First | | $106.29 |
| | Each Additional | | $58.44 |
| 9.2.4.2 | Basic Installation with Performance Testing | | |
| | First Loop | | $170.79 |
| | Each Additional | | $86.61 |
| 9.2.4.3 | Coordinated Installation with Cooperative Testing | | |
| | First Loop | | $218.00 |
| | Each Additional | | $133.81 |

| | Recurring Fixed | Recurring Per Mile | Nonrecurring |
|---|---|---|---|
| **9.6 Unbundled Dedicated Interoffice Transport (UDIT)** | | | |
| 9.6.1 DS0 UDIT | | | |
| DS0 Over 0 to 8 Miles | $17.14 | $0.09 | |
| DS0 Over 8 to 25 Miles | $17.12 | $0.12 | |
| DS0 Over 25 to 50 Miles | $17.13 | $0.11 | |
| DS0 Over 50 Miles | $17.14 | $0.07 | |
| 9.6.2 DS1 UDIT | | | |
| DS1 Over 0 to 8 Miles | $34.75 | $0.95 | |
| DS1 Over 8 to 25 Miles | $34.76 | $1.82 | |
| DS1 Over 25 to 50 Miles | $34.76 | $1.77 | |
| DS1 Over 50 Miles | $34.75 | $1.23 | |
| 9.6.3 DS3 UDIT | | | |
| DS3 Over 0 to 8 Miles | $236.22 | $10.43 | |
| DS3 Over 8 to 25 Miles | $236.53 | $10.83 | |
| DS3 Over 25 to 50 Miles | $236.71 | $9.91 | |
| DS3 Over 50 Miles | $243.94 | $24.44 | |

| | Recurring | Nonrecurring |
|---|---|---|
| 9.6.7 Multiplexing | | |
| DS3 to DS1 | $191.32 | |
| DS1 to DS0, High Side | $181.28 | |
| **9.10 Local Tandem Switching** | | |
| 9.10.4 Per Minute of Use | $0.001748 | |
| **9.11 Local Switching** | | |
| 9.11.1 Analog Line Side Port, First Port | $1.84 | $101.15 |
| 9.11.2 Analog Line Side Port, Each Additional | $1.84 | $54.43 |
| 9.11.3 Local Usage, Per Minute of Use | $0.003469 | |
| 9.11.4 Vertical Features | | |
| Call Hold | $0.0568 | |
| Call Transfer | $0.2166 | |
| Three Way Calling | $0.0963 | |
| Call Pickup | $0.0577 | |

| | | Recurring | Nonrecurring |
|---|---|---|---|
| | Call Waiting/Cancel Call Waiting | $0.1330 | |
| | Distinctive Ringing | $0.0797 | |
| | Speed Call Long – Customer Change | $0.0654 | |
| | Station Dial Conferencing (6-way) | $1.0508 | |
| | Call Forwarding Busy Line | $0.1386 | |
| | Call Forwarding Don't Answer | $0.1696 | |
| | Call Forwarding Variable | $0.1414 | |
| | Call Forwarding Variable Remote | $0.1128 | |
| | CLASS – Call Waiting ID | $0.0519 | |
| | CLASS – Calling Name & Number | $0.1915 | |
| | CLASS – Calling Number Delivery | $0.0808 | |
| | CLASS–Calling Number | $0.3822 | |
| | CLASS – Continuous Redial | $0.5008 | |
| | CLASS – Last Call Return | $0.4258 | |
| | CLASS – Priority Calling | $1.0829 | |
| | CLASS – Selective Call Forwarding | $0.9206 | |
| | CLASS – Selective Call Rejection | $1.7651 | |
| | CLASS – Anonymous Call Rejection | $0.3937 | |
| | Call Park (Store & Retrieve) | $0.1289 | |
| | Message Waiting Indication A/V | $0.0662 | |
| 9.11.5 | Subsequent Order Charge | | $12.75 |

| | | Recurring Fixed | Recurring Per Mile | Nonrecurring |
|---|---|---|---|---|
| 9.23.4.2 | EEL Transport | | | |
| | DS0 | | | |
| | DS0 Over 0 to 8 Miles | $17.14 | $0.09 | |
| | DS0 Over 8 to 25 Miles | $17.12 | $0.12 | |
| | DS0 Over 25 to 50 Miles | $17.13 | $0.11 | |
| | DS0 Over 50 Miles | $17.14 | $0.07 | |
| | | | | |
| | DS1 Transport | | | |
| | DS1 Over 0 to 8 Miles | $34.75 | $0.95 | |
| | DS1 Over 8 to 25 Miles | $34.76 | $1.82 | |
| | DS1 Over 25 to 50 Miles | $34.76 | $1.77 | |
| | DS1 Over 50 Miles | $34.75 | $1.23 | |
| | | | | |
| | DS3 Transport Mux | | | |
| | DS3 Over 0 to 8 Miles | $236.22 | $10.43 | |
| | DS3 Over 8 to 25 Miles | $236.53 | $10.83 | |
| | DS3 Over 25 to 50 Miles | $236.71 | $9.91 | |
| | DS3 Over 50 Miles | $243.94 | $24.44 | |
| | | | | |
| | | | | |

[1] If the CLEC [AT&T] provides its own operator services and directory assistance, the discount must be reduced by 2.68 percentage points. If the CLEC [AT&T] provides its own billing and collection , the discount must be reduced by .06 percentage points.

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| **6.0 Resale** | | | | |
| **6.2 Customer Transfer Charge (CTC)** | | | | |
| 6.2.1 CTC for POTS Service, Mechanized | | | | |
| First | | | $0.66 | 5416 |
| Each Additional | | | $0.13 | 5416 |
| 6.2.2 CTC for POTS Service, Manual | | | | |
| First | | | $15.75 | 5416 |
| Each Additional | | | $2.62 | 5416 |
| 6.2.3 CTC for Private Line Transport Service | | | | |
| First | | | $39.70 | 5416 |
| Each Additional | | | $39.70 | 5416 |
| 6.2.4 CTC for Advanced Communications Services, per circuit | | | $49.87 | 5416 |
| | | | | |
| **7.0 Interconnection** | | | | |
| **7.1 Entrance Facilities** | | | | |
| 7.1.1 DS1 | | $91.25 | $212.56 | 5393/5416 |
| 7.1.2 DS3 | | $474.29 | $402.39 | 5393/5416 |
| | | | | |
| **7.2 LIS EICT** | | | | |
| 7.2.1 EICT | | | | |
| Per DS1 | | $0.00 | $0.00 | |
| Per DS3 | | $0.00 | $0.00 | |
| | | | | |
| | **Recurring Fixed** | **Recurring Per Mile** | **Nonrecurring** | |
| **7.3 Direct Trunked Transport** | | | | |
| 7.3.1 DS1 Over 0 to 8 Miles | $37.58 | $3.61 | | 5393 |
| DS1 Over 8 to 25 Miles | $38.44 | $3.59 | | 5393 |
| DS1 Over 25 to 50 Miles | $40.36 | $2.02 | | 5393 |
| DS1 Over 50 Miles | $38.97 | $0.87 | | 5393 |
| | | | | |
| 7.3.2 DS3 Over 0 to 8 Miles | $246.15 | $60.96 | | 5393 |
| DS3 Over 8 to 25 Miles | $249.68 | $18.97 | | 5393 |
| DS3 Over 25 to 50 Miles | $230.96 | $23.93 | | 5393 |
| DS3 Over 50 Miles | $243.08 | $16.48 | | 5393 |
| | | | | |
| | | **Recurring** | **Nonrecurring** | |
| **7.4 Multiplexing** | | | | |
| 7.4.1 DS3 to DS1 | | $254.95 | $259.78 | 5393/5416 |
| DS1 to DS0 | | $240.19 | $259.78 | 5393/5416 |
| | | | | |
| **7.5 Trunk Nonrecurring Charges** | | | | |
| 7.5.1 DS1 Interface, First Trunk | | | $343.53 | 5416 |
| 7.5.2 DS1 Interface, Each Additional Trunk | | | $5.73 | 5416 |
| 7.5.3 DS3 Interface, First Trunk | | | $350.12 | 5416 |
| 7.5.4 DS3 Interface, Each Additional Trunk | | | $12.33 | 5416 |
| | | | | |
| **7.6 Local Traffic** | | | | |
| 7.6.1 End office call termination, per minute of use | | $0.002415 | | 5393 |
| 7.6.2 Tandem Switched Transport | | | | |
| 7.6.2.1 Tandem Switching, per Minute of Use | | $0.002148 | | 5393 |
| | | | | |
| | **Recurring Fixed** | **Recurring Per Mile** | **Nonrecurring** | |
| 7.6.2.2 Tandem Transmission, per Minute of Use, All Mileage Bands | | | | |
| 0 to 8 Miles | $0.000597 | $0.0000939 | | 5393 |
| 8 to 25 Miles | $0.000643 | $0.0000425 | | 5393 |
| 25 to 508 Miles | $0.000640 | $0.0000232 | | 5393 |
| Over 50 Miles | $0.000583 | $0.0000065 | | 5393 |
| | | | | |
| | | **Recurring** | **Nonrecurring** | |
| **7.7 Miscellaneous Charges** | | | | |
| 7.7.1 Cancellation Charge (LIS Trunks) | Qwest's South Dakota Switched Access Tariff Section 5.2.3 Applied to LIS NRC | | | |
| 7.7.2 Expedite Charge (LIS Trunks) | Qwest's South Dakota Switched Access Tariff Section 5.2.2 Applied to LIS NRC | | | |
| 7.7.3 Construction Charges | | ICB | ICB | |
| | | | | |
| **7.8 Transit Traffic** | | | | |
| 7.8.1 Exchange Service (EAS/Local) Transit | See Tandem Switching and Tandem Transmission Rates Above | | | |
| Local Transit Assumed Mileage | 7 | Miles | | |
| 7.8.2 IntraLATA Toll | Qwest's South Dakota Switched Access Tariff | | | |
| IntraLATA Toll Assumed Mileage | 7 | Miles | | |
| 7.8.3 Jointly Provided Switched Access | Qwest's South Dakota Switched Access Tariff | | | |
| 7.8.4 Category 11 Mechanized Record Charge, per Record | | $0.001767 | | 5355 |
| | | | | |
| **8.0 Collocation** | | | | |

| | | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|---|
| 8.1 | All Collocation | | | | |
| 8.1.1 | Collocation Entrance Facility, per fiber pair | | | | |
| | Standard Shared per Fiber | | $6.38 | $634.70 | 5336 |
| | Cross Connect per Fiber | | $6.65 | $744.42 | 5336 |
| | Express per Cable | | $100.38 | $9,273.91 | 5336 |
| 8.1.2 | Cable Splicing | | | | |
| | Fiber - Per set-up | | | $487.14 | 5336 |
| | Per fiber spliced | | | $36.86 | 5336 |
| 8.1.3 | -48 Volt DC Power Usage, per Ampere, per Month | | | | |
| | Power Plant, Less than 60 Amps | | $13.13 | | 5336 |
| | Power Plant, Equal to or Greater than 60A | | $8.69 | | 5336 |
| | Power Usage Less Than 60 Amps, per Amp | | $2.16 | | 5336 |
| | Power Usage More Than 60 Amps, per Amp | | $4.32 | | 5336 |
| 8.1.4 | AC Power Feed (backup) | | | | |
| 8.1.4.1 | AC Power Feed – per Amp, per Month | | | | |
| | 120 V | | $18.78 | | 5336 |
| | 208 V, Single Phase | | $32.55 | | 5336 |
| | 208 V, Three Phase | | $56.31 | | 5336 |
| | 240 V, Single Phase | | $37.56 | | 5336 |
| | 240 V, Three Phase | | $64.98 | | 5336 |
| | 480 V, Three Phase | | $129.96 | | 5336 |
| 8.1.4.2 | AC Power Cable – per Foot | | | | |
| | 20 Amp, Single Phase | | $0.0191 | $7.75 | 5336 |
| | 20 Amp, Three Phase | | $0.0237 | $9.61 | 5336 |
| | 30 Amp, Single Phase | | $0.0207 | $8.36 | 5336 |
| | 30 Amp, Three Phase | | $0.0284 | $11.48 | 5336 |
| | 40 Amp, Single Phase | | $0.0243 | $9.83 | 5336 |
| | 40 Amp, Three Phase | | $0.0334 | $13.53 | 5336 |
| | 50 Amp, Single Phase | | $0.0288 | $11.66 | 5336 |
| | 50 Amp, Three Phase | | $0.0402 | $16.28 | 5336 |
| | 60 Amp, Single Phase | | $0.0326 | $13.19 | 5336 |
| | 60 Amp, Three Phase | | $0.0463 | $18.74 | 5336 |
| | 100 Amp, Single Phase | | $0.0403 | $16.33 | 5336 |
| | 100 Amp, Three Phase | | $0.0630 | $25.49 | 5336 |
| 8.1.5 | Inspector Labor, per half hour | | | | |
| | Regular Hours Rate | | | $30.98 | 5336 |
| | After Hours Rate, minimum 3 hours | | | $39.89 | 5336 |
| 8.1.6 | Collocation Terminations | | | | |
| 8.1.6.1 | DS0 | | | | |
| | Cable Placement per 100 pair Block | | $0.3680 | $249.71 | 5336 |
| | Cable Placement per Termination | | $0.0069 | $4.69 | 5336 |
| | Cable per 100 Pair Block | | $0.4733 | $321.21 | 5336 |
| | Cable per Termination | | $0.0065 | $4.40 | 5336 |
| | Blocks per 100 Pair Block | | $0.8199 | $556.38 | 5336 |
| | Blocks per Termination | | $0.0112 | $7.62 | 5336 |
| | Block Placement Per 100 Pair Block | | $0.3816 | $258.99 | 5336 |
| | Block Placement per Termination | | $0.0052 | $3.55 | 5336 |
| 8.1.6.2 | DS1 | | | | |
| | Cable Placement per 28 DS1s | | $1.0259 | $415.32 | 5336 |
| | Cable Placement per Termination | | $0.1103 | $44.66 | 5336 |
| | Cable per 28 DS1s | | $0.9160 | $370.82 | 5336 |
| | Cable per Termination | | $0.0985 | $39.87 | 5336 |
| | Panel per 28 DS1s | | $1.0259 | $420.35 | 5336 |
| | Panel per Termination | | $0.1247 | $50.48 | 5336 |
| | Panel Placement per 28 DS1s | | $0.2189 | $88.62 | 5336 |
| | Panel Placement per Termination | | $0.0235 | $9.53 | 5336 |
| 8.1.6.3 | DS3 | | | | |
| | Cable Placement per Termination | | $0.4177 | $169.09 | 5336 |
| | Cable per Termination | | $0.5915 | $239.46 | 5336 |
| | Connector per Termination | | $0.6057 | $245.19 | 5336 |
| | Connector Placement per Termination | | $0.0629 | $25.45 | 5336 |
| 8.1.6.4 | Direct Connect | | | ICB | |
| 8.1.7 | Security | | | | |
| | Access Card per Employee | | $0.81 | | 5336 |
| | Card Access per employee, per Office | | $6.68 | | 5336 |
| 8.1.8 | Central Office Clock Synchronization | | | | |
| | Synchronization – Composite Clock, per Port | | $7.55 | | 5336 |
| 8.1.9 | Space Availability Report, Per Office | | | $323.99 | 5434 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| **8.2 Virtual Collocation** | | | | |
| 8.2.1 Quote Preparation Fee | | | $4,255.11 | 5336 |
| 8.2.2 Maintenance Labor, per half hour | | | | |
| Regular Hours Rate | | | $27.17 | 5336 |
| After Hours Rate | | | $36.36 | 5336 |
| 8.2.3 Training Labor, per half hour | | | | |
| Regular Hours Rate | | | $27.17 | 5336 |
| 8.2.4 Equipment Bay -recurring, per shelf | | $3.89 | | 5336 |
| 8.2.5 Engineering Labor, per half hour | | | | |
| Regular Hours Rate | | | $29.32 | 5336 |
| After Hours Rate | | | $37.84 | 5336 |
| 8.2.6 Installation Labor, per Half Hour | | | | |
| Regular Hours Rate | | | $30.98 | 5336 |
| After Hours Rate | | | $39.89 | 5336 |
| 8.2.7 Floor Space Lease, per Square Foot | | $3.05 | | 5336 |
| 8.2.8 -48 Volt DC Power Cables | | | | |
| 20A Power Feed, Per Feed | | $12.08 | $4,889.34 | 5336 |
| 30A Power Feed, Per Feed | | $13.77 | $5,576.42 | 5336 |
| 40A Power Feed, Per Feed | | $16.72 | $6,769.12 | 5336 |
| 60A Power Feed, Per Feed | | $21.90 | $8,864.53 | 5336 |
| **8.3 Cageless Physical Collocation** | | | | |
| 8.3.1 Quote Preparation Fee | | | $4,255.11 | 5336 |
| 8.3.2 Space Construction | | | | |
| Bays and 1 - 40A Power Feed - 90 Day | | $67.71 | $27,411.53 | 5336 |
| Adjustment for 20A Initial Power Feed | | ($4.64) | $1,879.77 | 5336 |
| Adjustment for 30A Initial Power Feed | | ($2.95) | $1,192.70 | 5336 |
| Adjustment for 60A Initial Power Feed | | $5.18 | $2,095.41 | 5336 |
| Adjustment for Each Additional Bay | | $6.13 | $2,482.44 | 5336 |
| Each Additional 20A Power Feed | | $12.08 | $4,889.34 | 5336 |
| Each Additional 30A Power Feed | | $13.77 | $5,576.42 | 5336 |
| Each Additional 40A Power Feed | | $16.72 | $6,769.12 | 5336 |
| Each Additional 60A Power Feed | | $21.90 | $8,864.53 | 5336 |
| 8.3.3 Floor Space Lease, per Square Foot | | $3.05 | | 5336 |
| **8.4 Caged Physical Collocation** | | | | |
| 8.4.1 Quote Preparation Fee | | | $4,626.54 | 5336 |
| 8.4.2 Space Construction | | | | |
| Cage- Up to 100 Sq. Ft and 1 - 60A Power Feed | | $121.63 | $49,237.13 | 5336 |
| Cage - 101- 200 Sq. Ft and 1 - 60A Power Feed | | $126.30 | $51,129.93 | 5336 |
| Cage- 201- 300 Sq. Ft. and 1 - 60A Power Feed | | $129.94 | $52,601.81 | 5336 |
| Cage- 301- 400 Sq. Ft. and 1- 60A Power Feed | | $134.49 | $54,446.35 | 5336 |
| Space Construction - Fencing Credit | | | | |
| Cage- Up to 100 Sq.Ft. | | ($13.15) | ($5,321.82) | |
| Cage- 101 Sq.Ft. to 200 Sq.Ft. | | ($16.39) | ($6,635.52) | |
| Cage- 201 Sq.Ft. to 300 Sq.Ft. | | ($18.41) | ($7,453.23) | |
| Cage- 301 Sq.Ft. to 400 Sq.Ft. | | ($20.33) | ($8,230.72) | |
| Adjustment for 20A Initial Power Feed | | ($18.42) | ($7,458.44) | 5336 |
| Adjustment for 30A Initial Power Feed | | ($16.84) | ($6,815.59) | 5336 |
| Adjustment for 40A Initial Power Feed | | ($13.49) | ($5,461.04) | 5336 |
| Adjustment for 100A Initial Power Feed | | $22.47 | $9,095.51 | 5336 |
| Adjustment for 200A Initial Power Feed | | $72.54 | $29,367.10 | 5336 |
| Adjustment for 300A Initial Power Feed | | $140.07 | $56,703.84 | 5336 |
| Adjustment for 400A Initial Power Feed | | $214.51 | $86,837.37 | 5336 |
| Each Additional 20A Power Feed | | $15.13 | $6,123.09 | 5336 |
| Each Additional 30A Power Feed | | $16.71 | $6,765.95 | 5336 |
| Each Additional 40A Power Feed | | $20.06 | $8,120.50 | 5336 |
| Each Additional 60A Power Feed | | $33.55 | $13,581.54 | 5336 |
| Each Additional 100A Power Feed | | $56.02 | $22,677.05 | 5336 |
| Each Additional 200A Power Feed | | $106.09 | $42,948.64 | 5336 |
| Each Additional 300A Power Feed | | $173.62 | $70,285.38 | 5336 |
| Each Additional 400A Power Feed | | $248.06 | $100,418.91 | 5336 |
| 8.4.3 Floor Space Lease, per Square Foot | | $3.05 | | 5336 |
| 8.4.4 Grounding | | | | |
| 2/0 AWG - per foot | | $0.0267 | $10.80 | 5336 |
| 1/0 AWG - per foot | | $0.0457 | $18.48 | 5336 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| | 4/0 AWG - per foot | $0.0526 | $21.29 | 5336 |
| | 350 kcmil - per foot | $0.0709 | $28.68 | 5336 |
| | 500 kcmil - per foot | $0.0802 | $32.47 | 5336 |
| | 750 kcmil – per foot | $0.1387 | $56.14 | 5336 |
| | | | | |
| **8.5 CLEC to CLEC** | | | | |
| 8.5.1 | Flat Charge (Design Engineering & Installation – No | | $769.65 | 5386 |
| | | | | |
| 8.5.2 | Cable Racking, Per Foot | | | |
| | DS0 | $0.22905 | | 5432 |
| | DS1 | $0.24098 | | 5432 |
| | DS3 | $0.21333 | | 5432 |
| | | | | |
| 8.5.3 | Virtual Connections (Connections only No cables) | | | |
| | DS0 (Per 100 Connections) | | $216.64 | 5432 |
| | DS1 (Per 28 Connections) | | $98.81 | 5432 |
| | DS3 (Per 1 Connection) | | $8.55 | 5432 |
| | | | | |
| 8.5.4 | Cable Hole (if Applicable) | | $451.06 | 5432 |
| | | | | |
| 8.5.5 | CLEC to CLEC Cross Connection | | $247.94 | 5416 |
| | | | | |
| **8.6 ICDF Collocation** | | | ICB | |
| | | | | |
| **8.7 Adjacent Collocation** | | | ICB | |
| | | | | |
| **8.8 Remote Collocation** | | Under Development | | |
| | | | | |
| **8.9 Space Optioning** | | | | |
| Space Option Administration Fee | | | $1,779.04 | 5433 |
| Space Option Fee, Per Square Foot | | $2.00 | | |
| | | | | |
| **9.0 Unbundled Network Elements (UNEs)** | | | | |
| **9.1 Interconnection Tie Pairs / Channel Regeneration** | | | | |
| 9.1.1 | **Interconnection Tie Pairs (ITP)** | | | |
| 9.1.1.1 | DS0, Per Termination | $0.47 | | 5336 |
| 9.1.1.2 | DS1, Per Termination | $1.62 | | 5336 |
| 9.1.1.3 | DS3, Per Termination | $16.30 | | 5336 |
| | | | | |
| 9.1.2 | **Channel Regeneration** | | | |
| 9.1.2.1 | DS1 Regeneration | $2.40 | $464.72 | 5431 |
| 9.1.2.2 | DS3 Regeneration | $7.52 | $1,758.09 | 5431 |
| | | | | |
| **9.2 Unbundled Loops** | | | | |
| 9.2.1 | Analog Loops | | | |
| 9.2.1.1 | 2-Wire Voice Grade | See Installation options, Section 9.2.4 | | |
| | Zone 1 | $22.47 | | 5393 |
| | Zone 2 | $28.53 | | 5393 |
| | Zone 3 | $36.99 | | 5393 |
| | | | | |
| | 9.2.1.1.1 Unbundled Loop Grooming (2-wire) | $1.46 | | 5393 |
| | | | | |
| 9.2.1.2 | 4-Wire Voice Grade | See Installation options, Section 9.2.4 | | |
| | Zone 1 | $44.91 | | 5393 |
| | Zone 2 | $57.04 | | 5393 |
| | Zone 3 | $73.96 | | 5393 |
| | | | | |
| | 9.2.1.2.1 Unbundled Loop Grooming (4-wire) | $3.40 | | 5393 |
| | | | | |
| 9.2.2 | Non-loaded Loops | | | |
| 9.2.2.1 | 2-wire Non-loaded Loop | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | $22.47 | | 5393 |
| | Zone 2 | $28.53 | | 5393 |
| | Zone 3 | $36.99 | | 5393 |
| | | | | |
| 9.2.2.2 | 4-wire Non-loaded Loop | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | $44.91 | | 5393 |
| | Zone 2 | $57.04 | | 5393 |
| | Zone 3 | $73.96 | | 5393 |
| | | | | |
| 9.2.2.3 | Cable Unloading/Bridge Tap Removal | | $631.35 | 5416 |
| | | | | |
| 9.2.3 | Digital Capable Loops | | | |
| | | | | |
| 9.2.3.1 | Basic Rate ISDN / xDSL -I Capable / ADSL Compatible Loops | See Installation options, Sections 9.2.4 and See also Section 9.2.2.3 | | |
| | Zone 1 | $22.47 | | 5393 |
| | Zone 2 | $28.53 | | 5393 |

| | | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|---|
| | Zone 3 | | $36.99 | | 5393 |
| | | | | | |
| 9.2.3.2 | DS1 Capable Loop | See Installation options, Sections 9.2.5 | | | |
| | Zone 1 | | $78.54 | | 5417 |
| | Zone 2 | | $80.58 | | 5417 |
| | Zone 3 | | $87.89 | | 5417 |
| | | | | | |
| 9.2.3.3 | DS3 Capable Loop | See Installation options, Sections 9.2.6 | | | |
| | Zone 1 | | $957.81 | | 5417 |
| | Zone 2 | | $1,005.76 | | 5417 |
| | Zone 3 | | $1,201.41 | | 5417 |
| | | | | | |
| 9.2.3.4 | 2-Wire Extension Technology | | $4.10 | | 5393 |
| | 9.2.3.4.1 Unbundled Loop Grooming- 2-wire Extension Technology | | $2.20 | | 5393 |
| | | | | | |
| 9.2.4 | Loop Installation Charges for 2 and 4 wire analog, 2 and 4 wire non-loaded, ADSL Compatible, ISDN BRI Capable and xDSL - I Capable Loops where conditioning is not required. | See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above. (If conditioning is required, charges may apply as specified in Section 9.2.2.3 above). | | | |
| 9.2.4.1 | Basic Installation | | | | |
| | First | | | $89.94 | 5416 |
| | Each Additional | | | $74.95 | 5416 |
| | | | | | |
| 9.2.4.2 | Basic Installation with Performance Testing | | | | |
| | First Loop | | | $190.52 | 5416 |
| | Each Additional | | | $134.81 | 5416 |
| | | | | | |
| 9.2.4.3 | Coordinated Installation with Cooperative Testing | | | | |
| | First Loop | | | $229.16 | 5416 |
| | Each Additional | | | $134.81 | 5416 |
| | | | | | |
| 9.2.4.4 | Coordinated Installation without Cooperative Testing | | | | |
| | First Loop | | | $96.79 | 5416 |
| | Each Additional | | | $81.80 | 5416 |
| | | | | | |
| 9.2.4.5 | Basic Install with Cooperative Testing | | | | |
| | First Loop | | | $190.52 | 5416 |
| | Each Additional | | | $134.81 | 5416 |
| | | | | | |
| 9.2.5 | DS1 Loop Installation Charges | See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above. | | | |
| 9.2.5.1 | Basic Installation | | | | |
| | First Loop | | | $171.18 | 5416 |
| | Each Additional | | | $116.93 | 5416 |
| | | | | | |
| 9.2.5.2 | Basic Installation with Performance Testing | | | | |
| | First Loop | | | $300.80 | 5416 |
| | Each Additional | | | $206.80 | 5416 |
| | | | | | |
| 9.2.5.3 | Coordinated Installation with Cooperative | | | | |
| | First Loop | | | $339.44 | 5416 |
| | Each Additional | | | $206.80 | 5416 |
| | | | | | |
| 9.2.5.4 | Coordinated Installation without Cooperative Testing | | | | |
| | First Loop | | | $179.99 | 5416 |
| | Each Additional | | | $125.74 | 5416 |
| | | | | | |
| 9.2.5.5 | Basic Install With Cooperative Testing | | | | |
| | First Loop | | | $300.80 | 5416 |
| | Each Additional | | | $206.80 | 5416 |
| | | | | | |
| 9.2.6 | DS3 Loop Installation Charges | See related monthly recurring charges in Sections 9.2.1 – 9.2.3 above. | | | |
| 9.2.6.1 | Basic Installation | | | | |
| | First Loop | | | $171.18 | 5416 |
| | Each Additional | | | $116.93 | 5416 |
| | | | | | |
| 9.2.6.2 | Basic Installation with Performance Testing | | | | |
| | First Loop | | | $300.80 | 5416 |
| | Each Additional | | | $206.80 | 5416 |
| | | | | | |
| 9.2.6.3 | Coordinated Installation with Cooperative | | | | |
| | First Loop | | | $339.44 | 5416 |
| | Each Additional | | | $206.80 | 5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| 9.2.6.4 | Coordinated Installation without Cooperative Testing | | | |
| | First Loop | | $179.99 | 5416 |
| | Each Additional | | $125.74 | 5416 |
| | | | | |
| 9.2.6.5 | Basic Install With Cooperative Testing | | | |
| | First Loop | | $300.80 | 5416 |
| | Each Additional | | $206.80 | 5416 |
| | | | | |
| **9.3 Subloop** | | | | |
| 9.3.1 | 2-Wire Analog & Non Loaded Distribution Loop | | $107.21 | 5416 |
| | Zone 1 | $15.38 | | 5362 |
| | Zone 2 | $18.88 | | 5362 |
| | Zone 3 | $22.69 | | 5362 |
| | | | | |
| 9.3.2 | Each Addl 2 -Wire Analog & Non Loaded Distribution Loop | | $30.77 | 5416 |
| | | | | |
| 9.3.3 | Intrabuilding Cable Loop, Per Pair | $0.60 | | 5362 |
| | | | | |
| 9.3.4 | DS1 Capable Feeder Loop | | | |
| | First Loop | | $313.07 | 5416 |
| | Each Additional | | $222.06 | 5416 |
| | Zone 1 | $69.38 | | 5417 |
| | Zone 2 | $71.43 | | 5417 |
| | Zone 3 | $78.63 | | 5417 |
| | | | | |
| 9.3.5 | Field Connection Point | | | |
| | Feasibility Fee/Quote Preparation Fee | | $1,584.90 | 5416 |
| | Construction Fee | | ICB | |
| | | | | |
| **9.4 Line Sharing** | | | | |
| 9.4.1 | Shared Loop, per Loop | $5.00 | $35.48 | 5416 |
| 9.4.2 | OSS - Per Line - Per Month | $3.11 | | 5116 |
| 9.4.3 | Reclassification Charge | | ICB | |
| 9.4.4 | Splitter Shelf Charge | $4.70 | $522.56 | 5436 |
| 9.4.5 | Splitter TIE Cable Connections | | | |
| | Splitter in the Common Area--Data to 410 block | $7.52 | $3,084.93 | 5436 |
| | Splitter in the Common Area—Data direct to CLEC | $7.89 | $3,237.66 | 5436 |
| | Splitter on the IDF—Data to 410 block | $2.39 | $981.87 | 5436 |
| | Splitter on the IDF—Data direct to CLEC | $4.48 | $1,838.37 | 5436 |
| | Splitter on the MDF—Data to 410 block | $2.46 | $1,010.02 | 5436 |
| | Splitter on the MDF—Data direct to CLEC | $5.29 | $2,169.08 | 5436 |
| 9.4.6 | Engineering | | $1,238.09 | 5436 |
| | | | | |
| **9.5 Network Interface Device (NID)** | | $1.04 | $66.52 | 5393/5416 |
| | | | | |
| | | **Recurring Fixed** | **Recurring Per Mile** | **Nonrecurring** | |
| **9.6 Unbundled Dedicated Interoffice Transport (UDIT)** | | | | |
| 9.6.1 | DS0 UDIT | | | $297.82 | 5416 |
| | DS0 Over 0 to 8 Miles | $25.41 | $0.61 | | 5393 |
| | DS0 Over 8 to 25 Miles | $25.65 | $0.45 | | 5393 |
| | DS0 Over 25 to 50 Miles | $25.65 | $0.19 | | 5393 |
| | DS0 Over 50 Miles | $25.49 | $0.06 | | 5393 |
| | | | | | |
| 9.6.2 | DS1 UDIT | | | $341.32 | 5416 |
| | DS1 Over 0 to 8 Miles | $37.58 | $3.61 | | 5393 |
| | DS1 Over 8 to 25 Miles | $38.44 | $3.59 | | 5393 |
| | DS1 Over 25 to 50 Miles | $40.36 | $2.02 | | 5393 |
| | DS1 Over 50 Miles | $38.97 | $0.87 | | 5393 |
| | | | | | |
| 9.6.3 | DS3 UDIT | | | $341.32 | 5416 |
| | DS3 Over 0 to 8 Miles | $246.15 | $60.96 | | 5393 |
| | DS3 Over 8 to 25 Miles | $249.68 | $18.97 | | 5393 |
| | DS3 Over 25 to 50 Miles | $230.96 | $23.93 | | 5393 |
| | DS3 Over 50 Miles | $243.08 | $16.48 | | 5393 |
| | | | | | |
| 9.6.4 | OC-3 UDIT | | | $341.32 | 5416 |
| | OC-3 Over 0 to 8 Miles | $793.57 | $212.15 | | 5393 |
| | OC-3 Over 8 to 25 Miles | $799.22 | $67.64 | | 5393 |
| | OC-3 Over 25 to 50 Miles | $768.14 | $88.26 | | 5393 |
| | OC-3 Over 50 Miles | $787.86 | $61.54 | | 5393 |
| | | | | | |
| 9.6.5 | OC-12 UDIT | | | $341.32 | 5416 |
| | OC-12 Over 0 to 8 Miles | $2,213.65 | $92.66 | | 5393 |
| | OC-12 Over 8 to 25 Miles | $2,213.65 | $94.17 | | 5393 |
| | OC-12 Over 25 to 50 Miles | $2,213.65 | $105.06 | | 5393 |
| | OC-12 Over 50 Miles | $2,213.65 | $123.61 | | 5393 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| 9.6.6 OC-48 UDIT | | | $341.32 | 5416 |
| OC-48 Over 0 to 8 Miles | $7,301.45 | $308.86 | | 5393 |
| OC-48 Over 8 to 25 Miles | $7,301.45 | $314.66 | | 5393 |
| OC-48 Over 25 to 50 Miles | $7,301.45 | $377.55 | | 5393 |
| OC-48 Over 50 Miles | $7,301.45 | $474.59 | | 5393 |
| | | | | |
| | | Recurring | Nonrecurring | |
| 9.6.7 DS0 UDIT Low Side Performance | | $13.12 | | 5363 |
| | | | | |
| 9.6.8 Multiplexing | | | | |
| DS3 to DS1 | | $254.95 | $2,484.94 | 5393/5416 |
| DS1 to DS0, High Side | | $240.19 | $264.68 | 5393/5416 |
| DS1 to DS0, Low Side | | $7.48 | $231.94 | 5363/5416 |
| | | | | |
| 9.6.9 Extended Unbundled Dedicated Interoffice Transport | | | | |
| 9.6.9.1 DS1 E-UDIT | | $91.25 | $397.88 | 5393/5416 |
| 9.6.9.2 DS3 E-UDIT | | $474.29 | $397.88 | 5393/5416 |
| 9.6.9.3 OC-3 E-UDIT | | | $397.88 | 5416 |
| CO Node | | $852.41 | | 5393 |
| Remote Note | | $510.52 | | 5393 |
| 9.6.9.4 OC-12 E-UDIT | | | $397.88 | 5416 |
| CO Node | | $1,295.06 | | 5393 |
| Remote Note | | $1,000.49 | | 5393 |
| 9.6.9.5 OC-48 E-UDIT | | | $397.88 | 5416 |
| CO Node | | $3,372.07 | | 5393 |
| Remote Note | | $3,140.66 | | 5393 |
| | | | | |
| 9.6.10 UDIT Rearrangement | | | | |
| DS0 Single Office | | | $170.46 | 5416 |
| DS0 Dual Office | | | $211.86 | 5416 |
| High Capacity Single Office | | | $230.55 | 5416 |
| High Capacity Dual Office | | | $257.27 | 5416 |
| | | | | |
| **9.7 Unbundled Dark Fiber (UDF)** | | | | |
| 9.7.1 Single Strand Increments | | Under Development | | |
| | | | | |
| 9.7.2 Initial Records Inquiry (IRI) | | | | |
| Simple | | | $243.98 | 5416 |
| Complex | | | $286.41 | 5416 |
| | | | | |
| 9.7.3 Field Verification and Quote Preparation (FVQP) | | | $976.31 | 5416 |
| | | | | |
| 9.7.4 Engineering Verification | | | $335.36 | 5416 |
| | | | | |
| 9.7.5 UDF-IOF Charges | | | | |
| Order Charge per 1st Pair or Strand/Route/Order | | | $574.87 | 5416 |
| Order Charge ea. Addl. Pair or Strand /Same Route | | | $262.94 | 5416 |
| Termination, Fixed Per Pair./Office | | $8.00 | | 5417 |
| Fiber Transport, per Mile / Pair | | $71.26 | | 5417 |
| Fiber Cross-Connect Per Pair | | $4.44 | $20.85 | 5417/5416 |
| | | | | |
| 9.7.6 UDF-Loop Charges | | | | |
| Order Charge per 1st Pair or Strand /Route/Order | | | $574.87 | 5416 |
| Order Charge each. Addl. Pair or Strand/Same Route | | | $262.94 | 5416 |
| Termination, Fixed Per Pair/Office | | $8.50 | | 5417 |
| Termination, Fixed Per Pair/Prem | | $7.12 | | 5417 |
| Fiber Loop, per Route/Per Pair | | $177.40 | | 5417 |
| Fiber Cross-Connect Per Pair | | $4.44 | $20.85 | 5417/5416 |
| | | | | |
| 9.7.7 Extended Unbundled Dark Fiber (E-UDF) | | | | |
| Order Charge per 1st Pair or Strand /Route/Order | | | $574.87 | 5368 |
| Order Charge each. Addl. Pair or Strand/Same Route | | | $262.94 | 5368 |
| Termination, Fixed Per Pair/Office | | $8.50 | | 5417 |
| Termination, Fixed Per Pair/Prem | | $7.12 | | 5417 |
| Fiber Transport, per Route/Per Pair | | $177.40 | | 5417 |
| Fiber Cross-Connect Per Pair | | $4.44 | $20.85 | 5417/5416 |
| | | | | |
| 9.7.8 Dark Fiber Splice | | | $641.20 | 5416 |
| | | | | |
| **9.8 Shared Transport, per minute of use** | | $0.0018830 | | 5393 |
| | | | | |
| **9.9 Unbundled Customer Controlled Rearrangement Element (UCCRE)** | | | | |
| 9.9.1 DS1 Port | | ICB | ICB | |
| 9.9.2 DS3 Port | | ICB | ICB | |
| 9.9.3 Dial Up Access | | ICB | | |
| 9.9.4 Attendant Access | | ICB | | |
| 9.9.5 Virtual Ports | | | ICB | |
| | | | | |
| **9.10 Local Tandem Switching** | | | | |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| 9.10.1 DS1 Local Message Trunk Port - Per Order | | | $215.12 | 5416 |
| 9.10.2 DS1 Trunk Group – First Trunk - Per Order | | | $210.77 | 5416 |
| 9.10.3 DS1 Trunk Group – Each Additional Trunk - Per Order | | | $23.68 | 5416 |
| 9.10.4 Per Minute of Use | | $0.003261 | | 5393 |
| | | | | |
| **9.11 Local Switching** | | | | |
| 9.11.1 Analog Line Side Port, First Port, Including Features | | $2.27 [1] | $156.26 | 5393/5453/5476 |
| | | | | |
| 9.11.2 Analog Line Side Port, Each Add'l, Including Features | | $2.27 [1] | $97.14 | 5393/5453/5476 |
| | | | | |
| 9.11.3 Local Usage, Per Minute of Use | | $0.003744 | | 5393 |
| | | | | |
| 9.11.4 Vertical Features | | | | |
| 10XXX Direct Dialed Blocking | | $0.00 | | |
| Account Codes - per system | | $0.00 | $77.38 | 5416 |
| Attendant Access Line - per station line | | $0.00 | $1.12 | 5416 |
| Audible Message Waiting | | $0.00 | $0.98 | 5416 |
| Authorization Codes - per system | | $0.00 | $231.42 | 5416 |
| Auto Callback | | $0.00 | | |
| Automatic Line | | $0.00 | $0.33 | 5416 |
| Automatic Route Selection - Common Equip. per system | | $0.00 | $2,030.50 | 5416 |
| Blocking of pay per call services | | $0.00 | | |
| Bridging | | $0.00 | | |
| Call Drop | | $0.00 | $0.33 | 5416 |
| Call Exclusion - Automatic | | $0.00 | $0.98 | 5416 |
| Call Exclusion - Manual | | $0.00 | $0.65 | 5416 |
| Call Forward Don't Answer - All Calls | | $0.00 | | |
| Call Forwarding Incoming Only | | $0.00 | | |
| Call Forwarding Intra Group Only | | $0.00 | | |
| Call Forwarding Variable Remote | | $0.00 | | |
| Call Forwarding: Busy Line (Expanded) | | $0.00 | | |
| Call Forwarding: Busy Line (External) | | $0.00 | | |
| Call Forwarding: Busy Line (External) Don't Answer | | $0.00 | | |
| Call Forwarding: Busy Line (Overflow) | | $0.00 | | |
| Call Forwarding: Busy Line (Overflow) Don't Answer | | $0.00 | | |
| Call Forwarding: Busy Line (Programmable) | | $0.00 | | |
| Call Forwarding: Busy Line/Don't Answer Programmable Svc. Establishment | | | $15.15 | 5416 |
| CF DON'T ANSWER/CF BUSY CUSTOMER PROGRAMMABLE - PER LINE | | | $0.98 | 5416 |
| Call Forwarding: Busy Line/Don't Answer (Expanded) | | $0.00 | | |
| Call Forwarding: Don't Answer | | $0.00 | | |
| Call Forwarding: Don't Answer (Expanded) | | $0.00 | | |
| Call Forwarding: Don't Answer (Programmable) | | $0.00 | | |
| Call Forwarding: Variable | | $0.00 | | |
| Call Forwarding: Variable - no call complete option | | $0.00 | | |
| Call Hold | | $0.00 | | |
| Call Hold/3-Way/Call Transfer | | $0.00 | | |
| Call Park (Basic - Store & Retrieve) | | $0.00 | | |
| Call Pickup | | $0.00 | | |
| Call Transfer | | $0.00 | | |
| Call Waiting Dial Originating | | $0.00 | | |
| Call Waiting Indication - per timing state | | $0.00 | $0.98 | 5416 |
| Call Waiting Originating | | $0.00 | | |
| Call Waiting Terminating - All Calls | | $0.00 | | |
| Call Waiting Terminating - Incoming Only | | $0.00 | | |
| Call Waiting/ Cancel Call Waiting | | $0.00 | | |
| CENTREX COMMON EQUIPMENT | | | $1,166.55 | 5416 |
| Centrex Management System (CMS) | | $0.00 | | |
| Centrex Plus DID numbers per number | | $0.00 | | |
| Centrex Plus to Centrex Plus | | $0.00 | | |
| Centrex Plus to IC Carrier | | $0.00 | | |
| Centrex Plus to PBX/Key Blocked | | $0.00 | | |
| Centrex Plus to PBX/Key Non-Blocked | | $0.00 | | |
| CFBL - All Calls | | $0.00 | | |
| CFBL - Incoming Only | | $0.00 | $36.67 | 5416 |
| CFDA Incoming Only | | $0.00 | $36.67 | 5416 |
| CLASS - Anonymous Call Rejection | | $0.00 | | |
| CLASS - Call Trace | | $0.00 | | 5172 |
| CLASS - Call Waiting ID | | $0.00 | | |
| CLASS - Calling Name & Number | | $0.00 | | |
| CLASS - Calling Number Delivery | | $0.00 | | |
| CLASS - Calling Number Delivery - Blocking | | $0.00 | | |
| CLASS - Continuous Redial | | $0.00 | | |
| CLASS - Last Call Return | | $0.00 | | |
| CLASS - Priority Calling | | $0.00 | | |
| CLASS - Selective Call Forwarding | | $0.00 | | |
| CLASS - Selective Call Rejection | | $0.00 | | |
| Conference Calling - Meet Me | | $0.00 | $41.08 | 5416 |
| Conference Calling - Preset | | $0.00 | $41.08 | 5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| Custom Ringing First Line (Short/Long/Short) | | $0.00 | | |
| Custom Ringing First Line (Short/Short) | | $0.00 | | |
| Custom Ringing First Line (Short/Short/Long) | | $0.00 | | |
| Custom Ringing Second Line (Short/Long/Short) | | $0.00 | | |
| Custom Ringing Second Line (Short/Short) | | $0.00 | | |
| Custom Ringing Second Line (Short/Short/Long) | | $0.00 | | |
| Custom Ringing Third Line (Short/Long/Short) | | $0.00 | | |
| Custom Ringing Third Line (Short/Short) | | $0.00 | | |
| Custom Ringing Third Line (Short/Short/Long) | | $0.00 | | |
| Data Call Protection (DMS 100) | | $0.00 | | |
| Dir Sta Sel/Busy Lamp Fld per arrangement | | $0.00 | $0.33 | 5416 |
| Directed Call Pickup with Barge-in | | $0.00 | $19.50 | 5416 |
| Directed Call Pickup without Barge-in | | $0.00 | $19.50 | 5416 |
| Distinctive Ring/Distinctive Call Waiting | | $0.00 | $38.99 | 5416 |
| Distinctive Ringing | | $0.00 | | |
| EBS - Set Interface - per station line | | $0.00 | | |
| Executive Busy Override | | $0.00 | | |
| Expensive Route Warning Tone- per system | | $0.00 | $69.55 | 5416 |
| Facility Restriction Level - per system | | $0.00 | $42.78 | 5416 |
| Feature Display | | $0.00 | | |
| Group Intercom | | $0.00 | $0.44 | 5416 |
| Hot Line - per line | | $0.00 | $0.98 | 5416 |
| Hunting: Multiposition Circular Hunting | | $0.00 | | |
| Hunting: Multiposition Hunt Queuing | | $0.00 | $37.32 | 5416 |
| Hunting: Multiposition Series Hunting | | $0.00 | | |
| Hunting: Multiposition with Announcement in Queue | | $0.00 | $37.32 | 5416 |
| Hunting: Multiposition with Music in Queue | | $0.00 | $39.41 | 5416 |
| Incoming Calls Barred | | $0.00 | | |
| International Direct Dial Blocking | | $0.00 | | |
| ISDN Short Hunt | | $0.00 | $1.64 | 5416 |
| Line Side Answer Supervision | | $0.00 | | |
| Loudspeaker Paging - per trunk group | | $0.00 | $170.73 | 5416 |
| Make Busy Arrangements - per group | | $0.00 | $0.65 | 5416 |
| Make Busy Arrangements - per line | | $0.00 | $0.65 | 5416 |
| Message Center - per main station line | | $0.00 | $0.33 | 5416 |
| Message Waiting Indication Audible/Visual | | $0.00 | | |
| Message Waiting Visual | | $0.00 | $0.33 | 5416 |
| Music On Hold - per system | | $0.00 | $22.37 | 5416 |
| Network Speed Call | | $0.00 | | |
| Night Service Arrangement | | $0.00 | | |
| Outgoing Calls Barred | | $0.00 | | |
| Outgoing Trunk Queuing | | $0.00 | | |
| Privacy Release | | $0.00 | $0.46 | 5416 |
| Query Time | | $0.00 | $0.33 | 5416 |
| Speed Calling 1 Digit Controller | | $0.00 | | |
| Speed Calling 1 Digit User | | $0.00 | | |
| Speed Calling 1# List Individual | | $0.00 | | |
| Speed Calling 2 Digit Controller | | $0.00 | | |
| Speed Calling 2 Digit User | | $0.00 | | |
| Speed Calling 2# List Individual | | $0.00 | | |
| Speed Calling 30 Number | | $0.00 | | |
| Speed Calling 8 Number | | $0.00 | | |
| Station Camp-On Service - per main station | | $0.00 | $0.33 | 5416 |
| Station Dial Conferencing (6 Way) | | $0.00 | | |
| Station Message Detail Recording (SMDR) | | $0.00 | | |
| Three Way Calling | | $0.00 | | |
| Time and Date Display | | $0.00 | | |
| Time of Day Control for ARS - per system | | $0.00 | $121.69 | 5416 |
| Time of Day NCOS Update | | $0.00 | $0.52 | 5416 |
| Time of Day Routing - per line | | $0.00 | $0.50 | 5416 |
| Toll Restriction Service | | $0.00 | | |
| Trunk Answer Any Station | | $0.00 | | |
| Trunk Verification from Designated Station | | $0.00 | $0.38 | 5416 |
| UCD in hunt group - per line | | $0.00 | $0.65 | 5416 |
| UCD with Music After Delay | | $0.00 | | |
| CMS - SYSTEM ESTABLISHMENT - INITIAL INSTALLATION | | | $939.64 | 5416 |
| CMS - SYSTEM ESTABLISHMENT - SUBSEQUENT INSTALLATION | | | $469.82 | 5416 |
| CMS - PACKET CONTROL CAPABILITY, PER SYSTEM | | | $469.82 | 5416 |
| SMDR-P - SERVICE ESTABLISHMENT CHARGE, INITIAL INSTALLATION | | | $328.13 | 5416 |
| SMDR-P - ARCHIVED DATA | | | $171.46 | 5416 |
| | | | | |
| 9.11.5 Subsequent Order Charge | | | $13.12 | 5416 |
| | | | | |
| 9.11.6 Digital Line Side Port (Supporting BRI ISDN) | | | | |
| First Port | | $15.79 | $226.46 | 5393/5416 |
| Each Additional Port | | $15.79 | $226.46 | 5393/5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| 9.11.7 Digital Trunk Ports | | | | |
| DS1 Local Message Trunk Port | | $79.99 | | 5393 |
| Message Trunk Group, First Trunk | | | $165.93 | 5416 |
| Message Trunk Group, Each Additional | | | $46.30 | 5416 |
| DS1 PRI ISDN Trunk Port | | $225.41 | $606.52 | 5393/5416 |
| DS1 / DID Trunk Port | | $4.18 | $203.01 | 5393/5416 |
| | | | | |
| 9.11.8 DS0 Analog Trunk Port | | | | |
| First Port | | $18.74 | | 5393 |
| Each Additional | | $18.74 | | 5393 |
| | | | | |
| **9.12 Customized Routing** | | | | |
| 9.12.1 Development of Custom Line Class Code – Directory Assistance or Operator Services Routing Only | | | ICB | |
| 9.12.2 Installation Charge, per Switch Directory Assistance or Operator Service Routing Only | | | ICB | |
| 9.12.3 All Other Custom Routing | | ICB | ICB | |
| | | | | |
| **9.13 Common Channel Signaling/SS7** | | | | |
| 9.13.1 CCSAC STP Port | | $248.17 | $425.79 | 5393/5416 |
| 9.13.2 CCSAC Options Activation Charge | | | | |
| 9.13.2.1 Basic Translations | | | | |
| First Activation, per Order | | | $111.54 | 5416 |
| Each Additional Activation, per Order | | | $9.26 | 5416 |
| 9.13.2.2 CCSAC Options Database Translations | | | | |
| First Activation per Order | | | $130.06 | 5416 |
| Each additional Activation per Order | | | $55.56 | 5416 |
| 9.13.3 Signal Formulation, ISUP, Per Call Set-Up Request | | $0.0006053 | | 5393 |
| 9.13.4 Signal Transport, ISUP, Per Call Set-Up Request | | $0.0001937 | | 5393 |
| 9.13.5 Signal Transport, TCAP, per Data Request | | $0.0000215 | | 5393 |
| 9.13.6 Signal Switching, ISUP, Per Call Set-Up Request | | $0.0010036 | | 5393 |
| 9.13.7 Signal Switching, TCAP, Per Data Request | | $0.0008350 | | 5393 |
| | | | | |
| **9.14 Advanced Intelligent Network (AIN)** | | | | |
| 9.14.1 AIN Customized Services (ACS) | | | ICB | |
| 9.14.2 AIN Platform Access (APA) | | ICB | ICB | |
| 9.14.3 AIN Query Processing, per Query | | ICB | | |
| | | | | |
| **9.15 Line Information Database (LIDB)** | | | | |
| 9.15.1 LIDB Storage | | | No Charge | |
| 9.15.2 Line Validation Administration System Access (LVAS) | | | ICB | |
| 9.15.2.1 LIDB Line Record Initial Load | | | | |
| 9.15.2.1.1 Up to 20,000 Line Records | | | $2,601.00 | |
| 9.15.2.1.2 Over 20,000 Line Records | | | ICB | |
| 9.15.2.2 Mechanized Service Account Update, per Addition or Update Processed | | | ICB | |
| 9.15.2.3 Individual Line Record Audit | | | ICB | |
| 9.15.2.4 Account Group Audit | | | ICB | |
| 9.15.2.5 Expedited Request Charge for Manual Updates | | | ICB | |
| 9.15.3 LIDB Query Service, per Query | | $0.0008477 | See 9.13.2.2 | 5393 |
| 9.15.4 Fraud Alert Notification, per Alert | | No Charge | | |
| | | | | |
| **9.16 8XX Database Query Service** | | | | |
| 9.16.1 Basic Query, per Query | | $0.01943073 | See 9.13.2.2 | 5393 |
| 9.16.2 POTS Translation | | $0.00000055 | | 5393 |
| 9.16.3 Call Handling & Destination Feature | | $0.00000165 | | 5393 |
| | | | | |
| **9.17 ICNAM, Per Query** | | $0.000764 | See 9.13.2.2 | 5360 |
| | | | | |
| **9.18 Construction Charges** | | ICB | ICB | |
| | | | | |
| **9.19 Miscellaneous Charges** | | | | |
| *** Per 1/2 hour or fraction thereof** | | | | |
| * Additional Engineering – Basic | | | $30.79 | 5416 |
| * Additional Engineering – Overtime | | | $38.08 | 5416 |
| * Additional Labor Installation – Overtime | | | $8.75 | 5416 |
| * Additional Labor Installation – Premium | | | $17.51 | 5416 |
| * Additional Labor Other – Basic | | | $26.84 | 5416 |
| * Additional Labor Other – Overtime | | | $35.85 | 5416 |
| * Additional Labor Other – Premium | | | $44.87 | 5416 |
| * Testing and Maintenance – Basic | | | $28.51 | 5416 |
| * Testing and Maintenance – Overtime | | | $38.08 | 5416 |
| * Testing and Maintenance – Premium | | | $47.66 | 5416 |
| * Maintenance of Service – Basic | | | $26.84 | 5416 |
| * Maintenance of Service – Overtime | | | $35.85 | 5416 |
| * Maintenance of Service – Premium | | | $44.87 | 5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| * Additional COOP Acceptance Testing – Basic | | | $28.51 | 5416 |
| * Additional COOP Acceptance Testing – Overtime | | | $38.08 | 5416 |
| * Additional COOP Acceptance Testing – Premium | | | $47.66 | 5416 |
| * NonScheduled COOP Testing - Basic | | | $28.51 | 5416 |
| * NonScheduled COOP Testing – Overtime | | | $38.08 | 5416 |
| * NonScheduled COOP Testing – Premium | | | $47.66 | 5416 |
| * NonScheduled Manual Testing – Basic | | | $28.51 | 5416 |
| * NonScheduled Manual Testing – Overtime | | | $38.08 | 5416 |
| * NonScheduled Manual Testing – Premium | | | $47.66 | 5416 |
| * Cooperative Scheduled Testing - Loss | | | $0.08 | 5416 |
| * Cooperative Scheduled Testing - C Message Noise | | | $0.08 | 5416 |
| * Cooperative Scheduled Testing - Balance | | | $0.32 | 5416 |
| * Cooperative Scheduled Testing - Gain Slope | | | $0.08 | 5416 |
| * Cooperative Scheduled Testing - C Notched Noise | | | $0.08 | 5416 |
| * Manual Scheduled Testing - Loss | | | $0.16 | 5416 |
| * Manual Scheduled Testing -C- Message Noise | | | $0.16 | 5416 |
| * Manual Scheduled Testing - Balance | | | $0.64 | 5416 |
| * Manual Scheduled Testing - Gain Slope | | | $0.16 | 5416 |
| * Manual Scheduled Testing - C Notched Noise | | | $0.16 | 5416 |
| Additional Dispatch | | | $81.82 | 5416 |
| Date Change | | | $10.06 | 5416 |
| Design Change | | | $71.66 | 5416 |
| Expedite Charge | | | ICB | |
| Cancellation Charge | | | ICB | |
| | | | | |
| **9.20 Reserved for future use.** | | | | |
| **9.21 Reserved for future use.** | | | | |
| **9.22 Reserved for future use.** | | | | |
| | | | | |
| **9.23 UNE Combinations** | | | | |
| 9.23.1 UNE-P Conversion Non-Recurring Charges | | | | |
| 9.23.1.1 UNE-P POTS, CENTREX, PAL, PBX, | | | | |
| First | | | $0.66 | 5416 |
| Each Additional | | | $0.13 | 5416 |
| | | | | |
| 9.23.1.2 UNE-P POTS, CENTREX, PAL, PBX, Manual | | | | |
| First | | | $15.75 | 5416 |
| Each Additional | | | $2.62 | 5416 |
| | | | | |
| 9.23.1.3 UNE-P PBX DID | | | | |
| First | | | $24.03 | 5416 |
| Each Additional | | | $3.03 | 5416 |
| | | | | |
| 9.23.1.4 UNE-P ISDN BRI | | | | |
| First | | | $28.84 | 5416 |
| Each Additional | | | $3.03 | 5416 |
| | | | | |
| 9.23.1.5 UNE-P ISDN PRI, DSS per DS1 Facility | | | $23.15 | 5416 |
| | | | | |
| 9.23.1.6 UNE-P ISDN PRI, DSS Trunk | | | | |
| First | | | $24.04 | 5416 |
| Each Additional | | | $3.03 | 5416 |
| | | | | |
| 9.23.2 UNE-P New Connection Non-Recurring Charges | | | | |
| 9.23.2.1 UNE-P POTS Mechanized | | | | |
| First | | | $53.73 | 5416 |
| Each Additional | | | $15.42 | 5416 |
| | | | | |
| 9.23.2.2 UNE-P POTS Manual | | | | |
| First | | | $79.76 | 5416 |
| Each Additional | | | $17.91 | 5416 |
| | | | | |
| 9.23.2.3 UNE-P PRI Dedicated PRI 23 + D | | | $666.21 | 5416 |
| | | | | |
| 9.23.2.4 UNE-P PRI Dedicated PRI 24B | | | $643.43 | 5416 |
| | | | | |
| 9.23.2.5 UNE-P PRI Dedicated PRI 23B + Back-Up D | | | $642.51 | 5416 |
| Configuration - 5E | | | | |
| | | | | |
| 9.23.2.6 UNE-P 28 + D BRI ISDN | | | $302.10 | 5416 |
| | | | | |
| 9.23.2.7 Loop Mux Combination (LMC) Multiplexer | | | | |
| DS1 to DS0 | | | $192.02 | 5416 |
| DS3 to DS1 | | | $192.02 | 5416 |
| | | | | |
| 9.23.2.8 LMC Loop - DS0 | | | | |
| First | | | $228.10 | 5416 |
| Each Additional | | | $148.86 | 5416 |
| | | | | |
| 9.23.2.9 LMC Loop - DS1 | | | | |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| First | | | $288.53 | 5416 |
| Each Additional | | | $211.25 | 5416 |
| | | | | |
| 9.23.2.10 UNE-P DSS Basic Trunks - In-Only Trunk | | | $76.81 | 5416 |
| 9.23.2.11 UNE-P Basic Trunks - Out Only Trunk | | | $76.81 | 5416 |
| 9.23.2.12 UNE-P Basic Trunks - Two-Way Trunk | | | $76.81 | 5416 |
| 9.23.2.13 UNE-P DSS Advanced Trunks - In-Only w/DID and Hunting | | | $76.02 | 5416 |
| 9.23.2.14 UNE-P Advanced Trunks - Out-Only w/Answer Supervision | | | $77.21 | 5416 |
| 9.23.2.15 UNE-P Advanced Trunks - Two-Way, w/DID, Hunting & Answer Supervision | | | $76.02 | 5416 |
| 9.23.2.16 UNE-P Complex Translations Digits Outpulsed Change Signaling | | | $13.89 | 5416 |
| 9.23.2.17 UNE-P DID Complex Translations Signaling Change | | | $32.41 | 5416 |
| 9.23.2.18 UNE-P DID Block Compromise | | | $24.46 | 5416 |
| 9.23.2.19 UNE-P DID Group of 20 Numbers | | | $32.54 | 5416 |
| 9.23.2.20 UNE-P DID Reserve Sequential # Block | | | $24.31 | 5416 |
| 9.23.2.21 UNE-P DID Reserve Nonsequential Telephone Numbers | | | $22.70 | 5416 |
| 9.23.2.22 UNE-P Trunk Terminations | | | $22.83 | 5416 |
| 9.23.2.23 UNE-P DID Nonsequential Telephone Numbers | | | $34.14 | 5416 |
| 9.23.2.24 UNE-P Complex Translations for Trunkside Termination | | | $150.44 | 5416 |
| | | | | |
| 9.23.3 UNE-Combination Private Line | | | | |
| DS0/DS1/DS3/OCN/Integrated T-1 Existing Service | | | $31.65 | 5416 |
| | | | | |
| **9.23.4 Enhanced Extended Loop (EEL)** | | | | |
| 9.23.4.1 EEL Link | | | | |
| DS0 | | | $248.22 | 5416 |
| Zone 1 | | $22.47 | | |
| Zone 2 | | $28.53 | | |
| Zone 3 | | $36.99 | | |
| Each Additional | | | $184.96 | 5416 |
| | | | | |
| DS1 | | | $304.31 | 5416 |
| Zone 1 | | $78.54 | | |
| Zone 2 | | $80.58 | | |
| Zone 3 | | $87.89 | | |
| Each Additional | | | $227.03 | 5416 |
| | | | | |
| DS3 | | | $327.98 | 5416 |
| Zone 1 | | $957.81 | | |
| Zone 2 | | $1,005.76 | | |
| Zone 3 | | $1,201.41 | | |
| Each Additional | | | $250.70 | 5416 |
| | | | | |
| | **Recurring Fixed** | **Recurring Per Mile** | **Nonrecurring** | |
| 9.23.4.2 EEL Transport | | | | |
| DS0 | | | $297.82 | 5416 |
| DS0 Over 0 to 8 Miles | $25.41 | $0.61 | | 5393 |
| DS0 Over 8 to 25 Miles | $25.65 | $0.45 | | 5393 |
| DS0 Over 25 to 50 Miles | $25.65 | $0.19 | | 5393 |
| DS0 Over 50 Miles | $25.49 | $0.06 | | 5393 |
| | | | | |
| DS1 | | | $341.32 | 5416 |
| DS1 Over 0 to 8 Miles | $37.58 | $3.61 | | 5393 |
| DS1 Over 8 to 25 Miles | $38.44 | $3.59 | | 5393 |
| DS1 Over 25 to 50 Miles | $40.36 | $2.02 | | 5393 |
| DS1 Over 50 Miles | $38.97 | $0.87 | | 5393 |
| DS1 Transport Mux | | | $255.93 | 5416 |
| | | | | |
| DS3 | | | $341.32 | 5416 |
| DS3 Over 0 to 8 Miles | $246.15 | $60.96 | | 5393 |
| DS3 Over 8 to 25 Miles | $249.68 | $18.97 | | 5393 |
| DS3 Over 25 to 50 Miles | $230.96 | $23.93 | | 5393 |
| DS3 Over 50 Miles | $243.08 | $16.48 | | 5393 |
| DS3 Transport Mux | | | $255.93 | 5416 |
| | | | | |
| OC-3 | | | $341.32 | 5416 |
| OC-3 Over 0 to 8 Miles | $793.57 | $212.15 | | 5393 |
| OC-3 Over 8 to 25 Miles | $799.22 | $67.64 | | 5393 |
| OC-3 Over 25 to 50 Miles | $768.14 | $88.26 | | 5393 |
| OC-3 Over 50 Miles | $787.86 | $61.54 | | 5393 |
| | | | | |
| OC-12 | | | $341.32 | 5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| OC-12 Over 0 to 8 Miles | $2,213.65 | $92.66 | | 5393 |
| OC-12 Over 8 to 25 Miles | $2,213.65 | $94.17 | | 5393 |
| OC-12 Over 25 to 50 Miles | $2,213.65 | $105.06 | | 5393 |
| OC-12 Over 50 Miles | $2,213.65 | $123.61 | | 5393 |
| | | | | |
| OC-48 | | | $341.32 | 5416 |
| OC-48 Over 0 to 8 Miles | $7,301.45 | $308.86 | | 5393 |
| OC-48 Over 8 to 25 Miles | $7,301.45 | $314.66 | | 5393 |
| OC-48 Over 25 to 50 Miles | $7,301.45 | $377.55 | | 5393 |
| OC-48 Over 50 Miles | $7,301.45 | $474.59 | | 5393 |
| | | | | |
| | | Recurring | Nonrecurring | |
| 9.23.4.3 Multiplexing | | | | |
| DS3 to DS1 | | $254.95 | | 5393 |
| DS1 to DS0 | | $240.19 | | 5393 |
| | | | | |
| 9.23.4.4 DS0 Channel Performance | | | | |
| DS0 Low Side Channelization | | $13.12 | | 5363 |
| DS1/DS0 MUX, Low Side Channelization | | $7.48 | | 5363 |
| | | | | |
| 9.23.4.5 Concentration Capability | | ICB | | |
| | | | | |
| **9.24 Unbundled Packet Switching** | | Under Development | | |
| | | | | |
| **10.0 Ancillary Services** | | | | |
| **10.1 Local Number Portability** | | See FCC Tariff #1 Section 20.3.1 & 20.3.3 | | |
| 10.1.1 LNP Queries | | | | |
| 10.1.2 LNP Managed Cuts | | | | |
| Standard Managed Cuts per person per 1/2 Hr. | | | $27.31 | |
| Overtime Managed Cuts per person per 1/2 Hr. | | | $35.43 | |
| Premium Managed Cuts per person per 1/2 Hr. | | | $43.49 | |
| | | | | |
| **10.2 911/E911** | | No Charge | | |
| | | | | |
| **10.3 White Pages Directory Listings, Facility Based Providers** | | | | |
| 10.3.1 Primary Listing | | No Charge | | |
| 10.3.2 Premium/Privacy Listings | | General Exchange Tariff Rate, less wholesale discount | | |
| | | | | |
| **10.4 Directory Assistance, Facility Based Providers** | | | | |
| 10.4.1 Local Directory Assistance, Per Call | | $0.34 | | |
| 10.4.2 National Directory Assistance, per Call | | $0.385 | | |
| 10.4.3 Call Branding, Set- Up and Recording | | | $10,500.00 | |
| 10.4.4 Loading Brand /Per Switch | | | $175.00 | |
| 10.4.5 Call Completion Link, per call | | $0.085 | | |
| | | | | |
| **10.5 Directory Assistance List Information** | | | | |
| 10.5.1 Initial Database Load, per Listing | | $0.025 | | |
| 10.5.2 Reload of Database, per Listing | | $0.02 | | |
| 10.5.3 Daily Updates, per Listing | | $0.025 | | |
| 10.5.4 One-time Set-Up Fee, per Hour | | | $82.22 | |
| 10.5.5 Media Charges for File Delivery | | | | |
| 10.5.5.1 Electronic Transmission | | $0.001 | | |
| 10.5.5.2 Tapes (charges only apply if this is selected as | | $30.00 | | |
| 10.5.5.3 Shipping Charges (for tape delivery) | | | ICB | |
| | | | | |
| **10.6 Toll and Assistance Operator Services, Facility Based Providers,** | | | | |
| 10.6.1 **Option A** – Per Message | | | | |
| Operator Handled Calling Card | | $1.45 | | |
| Machine Handled Calling Card | | $0.60 | | |
| Station Call | | $1.50 | | |
| Person Call | | $3.50 | | |
| Connect to Directory Assistance | | $0.75 | | |
| Busy Line Verify, per Call | | $1.95 | | |
| Busy Line Interrupt | | $2.05 | | |
| Operator Assistance, per Call | | $0.50 | | |
| | | | | |
| 10.6.2 **Option B** – Per Operator Work Second and Computer Handled Calls | | | | |
| Operator Handled, per Operator Work Second | | $0.028 | | |
| Machine Handled, per Call | | $0.25 | | |
| 10.6.3 Call Branding, Set-Up & Recording | | | $10,500.00 | |
| 10.6.4 Loading Brand/Per Switch | | | $175.00 | |
| | | | | |
| **10.7 Access to Poles, Ducts, Conduits and Rights of Way** | | | | |
| 10.7.1 Pole Inquiry Fee, per Mile | | | $312.37 | 5416 |
| 10.7.2 Innerduct Inquiry Fee, per Mile | | | $375.48 | 5416 |
| 10.7.3 ROW Inquiry Fee | | | $138.77 | 5416 |
| 10.7.4 ROW Doc Prep Fee | | | $138.77 | 5416 |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| 10.7.5 Field Verification Fee, per Pole | | | $34.69 | 5416 |
| 10.7.6 Field Verification Fee, per Manhole | | | $451.00 | 5416 |
| 10.7.7 Planner Verification, Per Manhole | | | $15.48 | 5416 |
| 10.7.8 Manhole Verification Inspector Per Manhole | | | $277.54 | 5416 |
| 10.7.9 Manhole Make-Ready Inspector, per Manhole | | | $416.31 | 5416 |
| 10.7.10 Pole Attachment Fee, per Foot, per Year | | $4.09 | | |
| 10.7.11 Innerduct Occupancy Fee, per Foot, per Year | | $0.28 | | |
| 10.7.12 Access Agreement Consideration | | | $10.00 | |
| | | | | |

| | | Recurring | Nonrecurring | Cost Study Number |
|---|---|---|---|---|
| **12.0 Operational Support Systems** | | | | |
| **12.1 Daily Usage Record File, per Record** | | $0.000699 | | 5359 |
| **12.2 Trouble Isolation Charge** | | | Section 13, Qwest's South Dakota Exchange and Network Services Catalog | |
| | | | | |
| **17.0 Bona Fide Request Process** | | | | |
| **17.1 Processing Fee** | | | $2,331.28 | 5416 |

[1] $2.27 Analog Line Side Port = $1.25 for the port (Study #5393) + $0.52 Feature Cost/Port (Study #5453) + $0.50 Cap Lease/Port (Study #5476)