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Guy M. Hicks
BellSouth

June 9, 2000

30 JUN 9 11 1 07
EX-101-101111

VIA HAND DELIVERY

Mr. David Waddell, Executive Secretary
Tennessee Regulatory Authority
460 James Robertson Parkway
Nashville, Tennessee 37243

Re: *Contested Cost Proceeding to Establish Final Cost Based Rates for
Interconnection and Unbundled Network Elements*
Docket No. 97-01267

Dear Mr. Waddell:

01267

On April 25, 2000, the Tennessee Regulatory Authority (the "Authority") ordered additional modifications to BellSouth Telecommunications, Inc.'s ("BellSouth") cost studies filed in Docket No. 97-01262. The Order also included the requirement to file additional combination cost studies. BellSouth is hereby filing an Executive Summary and supporting documents consistent with the Authority's directives.¹

While BellSouth has complied with the Authority's directives, BellSouth wants to make clear that nothing herein should be construed as BellSouth's agreement with the results reached by the Authority. Indeed, BellSouth intends to file a petition for reconsideration in this proceeding because setting rates for unbundled network elements and interconnection based upon BellSouth's cost studies, as adjusted by the Authority, would result in rates that are neither just nor reasonable as required by the Telecommunications Act of 1996 (the "Act").

A good example is the unbundled 2-wire loop. With the adjustments and modifications ordered by the Authority, BellSouth's cost studies now produce a recurring cost of \$14.92 for an unbundled 2-wire loop. A loop rate of \$14.92 would be the lowest loop rate in BellSouth's region, even though both AT&T and the FCC have recognized that loop costs in Tennessee are

¹ BellSouth previously provided this information to AT&T on June 1, 2000 in an attempt to reach agreement on BellSouth's compliance with the latest series of modifications ordered by the Authority, notwithstanding any disagreement about whether or not those modifications were appropriate. Despite a good-faith effort on the part of both AT&T and BellSouth, the parties have been unable to reach such an agreement.

among the highest in BellSouth's region and even though both AT&T and the FCC have calculated the cost of a loop to be well above \$14.92 per month. AT&T's own cost model, as originally submitted, determined that the forward-looking cost of an unbundled loop in Tennessee is at least \$16.12. The FCC proxy rate for an unbundled loop in Tennessee is \$17.41. 47 C.F.R. § 51.513(c)(1998). Indeed, according to the FCC's Synthesis Model, the cost of an unbundled loop in Tennessee is \$ 23.88 using the FCC's default inputs (the cost would be \$22.22 if Authority-ordered inputs were used). In short, by every conceivable standard, a loop rate of \$14.92 would be unjust and unreasonable.

While the Authority may have expected that the costs generated by BellSouth's cost studies and the Hatfield Model would produce similar results if common adjustments were made, that is not what happened.² Instead of the anticipated convergence of cost results, the BellSouth cost results have fallen far below what even AT&T proposed using the Hatfield model. The explanation is relatively straightforward. By virtue of the way BellSouth's cost studies operate, when the Authority ordered changes to reduce BellSouth's investment (e.g., fill factors, drop links, residence/business split, pole loadings) and also ordered changes to reduce BellSouth's expenses (e.g., shared and common costs), BellSouth's expenses were effectively reduced twice. While the Hatfield model and FCC's Synthesis model develop general and administrative types of expenses on a "per line" basis, BellSouth's TELRIC Calculator[®] develops expenses using factors based on the relationships between investments and expenses. By first lowering BellSouth's investment numbers, the Authority indirectly lowered the expenses as well. By reducing BellSouth's shared and common expense factor, the Authority in essence reduced those expenses yet again.

The effect of these "double reductions" in expenses is telling. With the Authority's modifications to BellSouth's cost studies, BellSouth's monthly expenses have been reduced to \$4.88.³ This is substantially less than both the expense factor of \$7.47 proposed by AT&T, and the expense factor of \$12.53 derived from the FCC Synthesis Model. It is simply unreasonable to believe that \$4.88 is sufficient to allow even the most efficient provider using the most forward-looking technology available to cover its expenses. If the Authority were to apply to BellSouth's cost studies AT&T's proposed expense factor of \$7.47 (which the Authority

² See transcript of April 25, 2000 Authority Conference at pages 17 and 18.

³ Expenses are all costs incurred by BellSouth in providing service that are not associated with the physical plant (with the exception of maintenance). Such costs include, but are not limited to, all costs associated with network operating expenses (all personnel, trucks, equipment, cost of maintenance and repair, etc.); all shared and common costs; all taxes paid by BellSouth, one of the largest taxpayers in Tennessee, etc.

Mr. David Waddell, Executive Secretary
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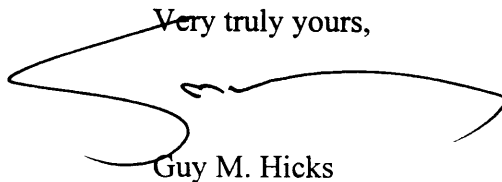
implicitly approved), these cost studies would generate a monthly cost for a two-wire loop of \$17.15, as compared to the Hatfield result of \$17.

BellSouth respectfully requests that the Authority not adopt rates using the cost studies submitted in connection with this filing, and that the Authority consider the Petition for Reconsideration to be filed by BellSouth following submission of the parties' comments on July 15, 2000.

Fourteen copies of the Executive Summary and supporting documents are enclosed. Cost study adjustments and results are provided in an electronic format in the enclosed CD Roms. Proprietary portions of BellSouth's modified cost studies are being filed under separate cover.

Copies are also being provided to counsel of record.

Very truly yours,

A handwritten signature in dark ink, appearing to be "Guy M. Hicks", written over a horizontal line.

Guy M. Hicks

GMH/jem

Enclosure

cc: Hon. Melvin Malone (w/Executive Summary)
Hon. Sara Kyle (w/Executive Summary)
Hon. Lynn Greer (w/Executive Summary)

CERTIFICATE OF SERVICE

I hereby certify that on June 9, 2000, a copy of the foregoing document was served on the parties of record as indicated:

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Atlanta, GA 30367

A handwritten signature in black ink, appearing to be "J. P. Lamoureux", written above a horizontal line.

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SUMMARY OF RESULTS

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ELECTRONIC COPIES OF FILING, MODELS, SPREADSHEETS
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SECTION 1
EXECUTIVE SUMMARY

TENNESSEE DOCKET NO. 97-01262
SECTION 1
EXECUTIVE SUMMARY

STATEMENT OF PURPOSE

On April 25, 2000 the Tennessee Regulatory Authority (TRA) ordered additional modifications to BellSouth Telecommunications, Inc. (hereinafter referred to as BellSouth or the Company) cost studies filed in Docket No. 97-01262.

Additionally, the order included the requirement to file additional combination cost studies. Although BellSouth does not agree that the results of the TRA's modifications result in "just and reasonable" rates as required by the Telecommunications Act of 1996, this document addresses the modifications required by this order.¹ Listed below is a summary of the changes.

Contractor Labor - Drop

1. The TRA ruled that its reduction in drop length from BellSouth's proposed 300' length to 100' should result in a corresponding reduction in contractor labor costs. Although BellSouth does not agree with this conclusion since BellSouth pays the contractor on a "per job" basis, not "per foot," the following adjustments were made to comply with the TRA's order. File Tdropgg.xls, which reflects the modification to the contract labor associated with buried drop placement, was input to the Loop Model. This adjustment impacts loop recurring costs only. A summary reflecting the revised loop costs is included in the attached cost study.

Adjustments for Contractor Labor - TRA Adjustment

		<u>Source</u>
Original Contractor Labor Cost	\$118.25	Original Study
Telco Labor - Travel (Hours)	0.5833	
Estimated Contractor Cost per Hour	\$40.80	
Estimated Contractor Travel Cost	\$23.80	(40.80*.5833)
Set-up % of Total Cost	46.512%	Loop Modification Study
Estimated Set-up Cost	\$31.20	(118.25*.46512-23.8)
Variable Cost (accounting for length)	\$63.25	(118.25-23.80-31.20)
% Variance by Commission Order	33.33%	(100/300)
Reduced Variable Cost	\$21.08	(63.25*.3333)
Adjusted Contractor Cost	\$76.08	(23.80+31.20+21.08)

¹ Nothing herein should be construed as BellSouth's agreement with the results reached by the Authority. As stated in its letter accompanying this filing, BellSouth intends to file a petition for reconsideration in this proceeding because the adjustments to BellSouth's cost studies ordered by the Authority would result in rates that are neither just nor reasonable as required by the Telecommunications Act of 1996.

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OSS Recovery

2. In its November 3, 1999 ruling, the TRA ordered that OSS costs be recovered on a "per UNE" recurring basis. BellSouth filed the calculation that converted the \$9.83 per order cost BellSouth originally filed to a \$.19 per UNE recurring cost on December 1, 1999. The filed calculation is replicated below:

Line	Description	Source	Amount
6	OSS EI Cost, per Service Order	TELRIC Calculator	\$9.83
7	Cost of Money	Compliance Order	9.93%
8	Number of Years To Amortize	Compliance Order	7
9			
10	Cost Amortized:		
11	Monthly Cost of Money	L7/12	0.8275%
12	Amortization Months	L8*12	84
13	Amortization Factor, .8275%, 84 months	$(L11*(1+L11)^{L12})/(((1+L11)^{L12})-1)$	0.016565038
14	OSS EI Cost, per Service Order	L6*L13	\$0.16
15	Average Number of UNEs Per Order	Network & Carrier Services	2.5
16	Churn Factor	Network & Carrier Services	2.92
17			
18	OSS EI Cost, per UNE	$(L14/L15)*L16$	\$0.19

However, BellSouth failed to add the \$.19 back to the recurring costs. This is accomplished in this filing. The original computation of the \$9.83 relied upon a projection of orders, of which the majority were for loops, ports, and local channels. Thus, BellSouth has only added the \$.19 to the recurring cost of loops, ports, local channels, and combinations including these elements as reflected below.

<u>Cost Element</u>
2-WIRE ANALOG VOICE GRADE LOOP
2-Wire Analog Voice Grade Loop - Service Level 1
2-Wire Analog Voice Grade Loop - Service Level 2
 SUB-LOOP 2-WIRE ANALOG
Loop Feeder Per 2-Wire Analog Voice Grade Loop
Loop Distribution Per 2-Wire Analog Voice Grade Loop

<u>Recurring Plus Testing</u>	<u>Recurring Plus Testing & OSS</u>
\$14.73	\$14.92
\$18.54	\$18.73
\$11.86	\$12.05
\$9.83	\$10.02

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4-WIRE ANALOG VOICE GRADE LOOP

4-Wire Analog Voice Grade Loop

2-WIRE ISDN DIGITAL GRADE LOOP

2-Wire ISDN Digital Grade Loop

2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP

2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop

2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP

2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop

4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP

4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop

4-WIRE DS1 DIGITAL LOOP

4-Wire DS1 Digital Loop

4-WIRE 56 OR 64 KBPS DIGITAL GRADE LOOP

4-Wire 56 or 64 Kbps Digital Grade Loop

EXCHANGE PORTS

Exchange Ports - 2-Wire Analog Line Port (Res., Bus.)

Exchange Ports - 4-Wire Analog Voice Grade Port

Exchange Ports - 2-Wire DID Port

Exchange Ports - 4-Wire DID Port

Exchange Ports - 2-Wire ISDN Port

Exchange Ports - 4-Wire ISDN DS1 Port

Exchange Ports - 2-Wire Analog Line Port (PBX)

Exchange Ports - Coin Port

LOCAL CHANNEL - DEDICATED

Local Channel - Dedicated - 2-Wire Voice Grade

Local Channel - Dedicated - 4-Wire Voice Grade

Local Channel - Dedicated - DS1

UNBUNDLED LOOP COMBINATIONS

2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT

2-Wire Voice Grade Loop

2-WIRE VOICE GRADE LOOP WITH 2-WIRE DID TRUNK PORT

2-Wire Voice Grade Loop

2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT

\$27.74	\$27.93
\$24.94	\$25.13
\$15.44	\$15.63
\$12.06	\$12.25
\$15.57	\$15.76
\$65.10	\$65.29
\$34.98	\$35.17
\$4.54	\$4.73
\$10.92	\$11.11
\$8.78	\$8.97
\$35.55	\$35.74
\$18.21	\$18.40
\$78.40	\$78.59
\$4.44	\$4.63
\$1.97	\$2.16
\$19.24	\$19.43
\$20.37	\$20.56
\$40.80	\$40.99
\$13.93	\$14.12
\$10.67	\$10.86

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2-Wire ISDN Digital Grade Loop

\$18.13

\$18.32

Vertical Features

3. The TRA ruled that "switch vertical features must be built into the unbundled switch port." Thus, feature costs were grouped according to the associated port and added to port recurring costs.

Combinations

4. The following additional UNEs, which are required to provide loop/interoffice and local channel/interoffice combinations, are included in this filing.

- A.18 LOOP CHANNELIZATION AND CO INTERFACE
 - A.18.1 CHANNELIZATION – CHANNEL SYSTEM DS1 TO DS0
 - A.18.2 INTERFACE UNIT – INTERFACE DS1 TO DS0 – OCU-DP CARD
 - A.18.3 INTERFACE UNIT – INTERFACE DS1 TO DS0 – BRITE CARD
 - A.18.4 INTERFACE UNIT – INTERFACE DS1 TO DS0 – VOICE GRADE CARD
 - A.18.5 CHANNELIZATION – CHANNEL SYSTEM DS3 TO DS1
 - A.18.6 INTERFACE UNIT – INTERFACE DS3 TO DS1
- P.17 NONRECURRING COST FOR EXTENDED LOOP OR LOCAL CHANNEL AND INTEROFFICE COMBINATION STUDIES
 - P.17.1 NONRECURRING COST FOR EXTENDED LOOP OR LOCAL CHANNEL AND INTEROFFICE COMBINATION STUDIES -- SWITCH-AS-IS

Deaveraging

5. The TRA adopted BellSouth's deaveraging proposal. BellSouth's proposal utilized the HCPM with national defaults in order to determine relationships between statewide loop costs and loop costs in three zones. The ratios resulting from this calculation are then applied against the statewide costs of elements that should be deaveraged; loops, local channels, and any combination that contains a loop or local channel to determine geographically deaveraged costs.

The ratios that were utilized are:

- Zone 1 (Rate Groups 4 & 5): 88.42%
- Zone 2 (Rate Group 3): 115.48%
- Zone 3 (Rate Groups 1 & 2): 151.00%

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BellSouth's deaveraged rates are based on these ratios. For example, using the statewide average cost for a 2-Wire Analog Voice Grade Loop – Service Level 1, the deaveraged amounts are as follows:

2-Wire Analog Voice Grade Loop – Service Level 1

Zone	Deaveraging Ratio	Rates
Statewide		\$14.92
1	88.42%	\$13.19
2	115.48%	\$17.23
3	151.00%	\$22.53

Included in this document are:

1. Summary of loop recurring costs revised to reflect the adjustment for 100 foot buried drop lengths in contract labor costs.
2. Unbundled network elements (UNE) that are required to provide the following combinations.
 - P.6 2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT
 - P.7 4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT
 - P.8 4-WIRE 56 OR 64 Kbps EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT
 - P.9 2-WIRE VOICE GRADE DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT
 - P.10 4-WIRE VOICE GRADE DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT
 - P.11 4-WIRE DS1 EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT

These studies reflect all modifications adopted by the TRA in Docket No. 97-01262.

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INSERT COST SUMMARY FILE

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SECTION 2
STUDY METHODOLOGY

STUDY METHODOLOGY

The cost studies included in this filing are based on the methodology adopted by the TRA in its order dated November 3, 1999 in Docket No. 97-01262. A full description of this methodology is included in Section 2 of BellSouth's original filing in this docket. All modifications and adjustments adopted by the TRA have been incorporated.

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SECTION 3
DESCRIPTION OF MODELS AND PRICE CALCULATORS

1. DS1 Channelization Price Calculator

The DS1 Channelization Price Calculator is the same model adopted by the TRA in Docket No. 97-01262.

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SECTION 4
INPUTS - LOADINGS AND FACTORS

LOADINGS AND FACTORS

All loadings and factors used in this filing are the same as those adopted by the TRA in Docket No. 97-01262 including adjustments in the Order dated November 3, 1999. A description of these loadings and factors can be found in Section 4 of BellSouth's original filing in this docket.

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SECTION 5
UNBUNDLED NETWORK ELEMENT (UNE) STUDIES

INTRODUCTION

This section contains a description of cost elements and an overview of the study process. Additionally, inputs and work papers for each cost element are provided.

The studies included in this filing are all based on a three (3) year study period (1997 - 1999). All long run costs associated with providing the network capabilities are identified and included in the cost studies.

The following page contains a list of the unbundled network cost elements provided in this filing package. A cost element number represents each cost element. This designation is referenced throughout the studies.

Following the element list are the narratives for each category of combined elements describing the elements, study technique, and specific study assumptions. After the narratives are the TELRIC Calculator© outputs. Following the TELRIC Calculator© outputs, are Microsoft Excel spreadsheets containing the inputs and associated work papers.

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SECTION 5
UNBUNDLED NETWORK ELEMENT (UNE) STUDIES

		<u>Filename</u>
A.0	UNBUNDLED LOCAL LOOP	
A.1	2-WIRE ANALOG VOICE GRADE LOOP	
A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1	Revised
A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2	Revised
A.2	SUB-LOOP 2-WIRE ANALOG	
A.2.1	Loop Feeder Per 2-Wire Analog Voice Grade Loop	Revised
A.2.2	Loop Distribution Per 2-Wire Analog Voice Grade Loop	Revised
A.2.6	NID Per 2-Wire Analog Voice Grade Loop	Revised
A.4	4-WIRE ANALOG VOICE GRADE LOOP	
A.4.1	4-Wire Analog Voice Grade Loop	Revised
A.4.2	NID Per 4-Wire Analog Voice Grade Loop	Revised
A.5	2-WIRE ISDN DIGITAL GRADE LOOP	
A.5.1	2-Wire ISDN Digital Grade Loop	Revised
A.5.2	NID Per 2-Wire ISDN Digital Grade Loop	Revised
A.6	2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP	
A.6.1	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop	Revised
A.6.2	NID Per 2-Wire Asymmetrical Digital Subscriber Line (ADSL) Loop	Revised
A.7	2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP	
A.7.1	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop	Revised
A.7.2	NID Per 2-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop	Revised
A.8	4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP	
A.8.1	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop	Revised
A.8.2	NID Per 4-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop	Revised
A.10	4-WIRE 56 OR 64 Kbps DIGITAL GRADE LOOP	
A.10.1	4-Wire 56 or 64 Kbps Digital Grade Loop	Revised
A.10.2	NID Per 4-Wire 56 or 64 Kbps Digital Grade Loop	Revised
A.18	MULTIPLEXERS (NEW)	
A.18.1	Channelization - Channel System DS1 to DS0	New-chnlz1-0.xls
A.18.2	Interface Unit - Interface DS1 to DS0 - OCU-DP Card	New-chnlz1-0.xls
A.18.3	Interface Unit - Interface DS1 to DS0 - BRITE Card	New-chnlz1-0.xls
A.18.4	Interface Unit - Interface DS1 to DS0 - Voice Grade Card	New-chnlz1-0.xls
A.18.5	Channelization - Channel System DS3 to DS1	New-chnlz3-1.xls
A.18.6	Interface Unit - Interface DS3 to DS1	New-chnlz3-1.xls

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UNBUNDLED NETWORK ELEMENT (UNE) STUDIES

A.18.10	Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic	New chnlz3-1.xls -
A.18.11	Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic	New-chnlz3-1.xls
A.18.199	Channelization - Channel System DS1 to DS0 - Disconnect	New-chnlz1-0.xls
A.18.599	Channelization - Channel System DS3 to DS1 - Disconnect	New-chnlz3-1.xls
A.18.1099	Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic - Disconnect	New- chnlz3-1.xls
A.18.1199	Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic - Disconnect	New-chnlz3-1.xls
P.0	UNBUNDLED LOOP COMBINATIONS	
P.1	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT	
P.1.1	2-Wire Voice Grade Loop	Revised
P.3	2-WIRE VOICE GRADE LOOP WITH 2-WIRE DID TRUNK PORT	
P.3.1	2-Wire Voice Grade Loop	Revised
P.4	2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT	
P.4.1	2-Wire ISDN Digital Grade Loop	Revised
P.17	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination (NEW)	
P.17.1	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is	New-PSAINRC.xls
P.17.199	Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is - Disconnect	New-PSAINRC.xls

Note: Elements that have existing approved rates are not shown above.

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SECTION 5
UNBUNDLED NETWORK ELEMENT (UNE) STUDIES

A.18 LOOP CHANNELIZATION AND CO INTERFACE

- A.18.1 CHANNELIZATION – CHANNEL SYSTEM DS1 TO DS0**
- A.18.2 INTERFACE UNIT – INTERFACE DS1 TO DS0 – OCU-DP CARD**
- A.18.3 INTERFACE UNIT – INTERFACE DS1 TO DS0 – BRITE CARD**
- A.18.4 INTERFACE UNIT – INTERFACE DS1 TO DS0 – VOICE GRADE CARD**
- A.18.5 CHANNELIZATION – CHANNEL SYSTEM DS3 TO DS1**
- A.18.6 INTERFACE UNIT – INTERFACE DS3 TO DS1**

Element Description

Unbundled Channelization (UC) provides the multiplexing capability that allows a DS1 or DS3 Unbundled Network Element or collocation cross-connect to be channelized at a BellSouth Central Office. A multiplexer or a digital cross-connect system accomplishes this. Channels can be activated for the entire system or on an as-needed basis once the basic channelization system has been installed.

The DS1 to DS0 Central Office Channelization system channelizes a DS1 signal into 24 DS0s; the DS3 to DS1 Channelization element channelizes a DS3 signal into 28 DS1s. The Interface Unit allows the CLEC to activate individual channels as needed.

There are three Central Office Channel Interface (UCI) elements that can be activated on the DS1 to DS0 UC. The configurations for the DS1 to DS0 are OCU-DP, BRITE and Voice Grade. A DS1 interface card is offered on the DS3 to DS1 UC.

Study Technique

A Microsoft Excel spreadsheet is used to develop the UNE material prices. The DS1 Channelization Price Calculator develops the multiplexer or digital cross-connect system material prices for input into the Microsoft Excel spreadsheet.

The components of this UNE are the channelization systems, hardwire, common plug-ins, cross-connects and the working plug-ins. Various vendors supply the digital cross-connect systems; therefore, Network provides probabilities of occurrence to apply to each type of equipment to produce a weighted material

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price. The material prices of each component are detailed in the Microsoft Excel spreadsheet.

Specific Study Assumptions

- **The system uses Central Office power.**
- The channelization system price is a result of melding different equipment vendors.

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- P.6 2-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
- P.7 4-WIRE VOICE GRADE EXTENDED LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
- P.8 4-WIRE 56 OR 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
- P.9 2-WIRE VOICE GRADE DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
- P.10 4-WIRE VOICE GRADE DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT**
- P.11 4-WIRE DS1 EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT**

Element Description

These elements represent point-to-point arrangements consisting of three possible UNE components: (a) interoffice transport, (b) local loop/local channel, and (c) channelization. The recurring costs of these combinations are developed by summing the costs for each of the individual UNE elements present in the combination. For example, P.8, (4-Wire 56 or 64 KBPS Extended Digital Loop with Dedicated DS1 Interoffice Transport) is composed of a Loop, a Channelization System, a Channel Interface, and an Interoffice Facility. The recurring costs are the costs for A.10.1, (4-Wire 19, 56 or 64 KBPS Digital Grade Loop); D.4.2, (Interoffice Transport - Dedicated DS1 Facility Termination); A.18.1, (Channelization DS1 to DS0); and A.18.2 (Channel Interface) summed together. Interoffice mileage from element D.4.1 (Interoffice Transport - Dedicated DS1 Per Mile) completes the individual UNE components necessary for this combination. Some of these components currently have recurring rates previously established by the TRA in Docket 97-01262.

A description of the UNE components represented in these combinations and their functionality is included under the individual UNE narratives.

Study Technique

The study technique for the individual UNE components comprising these combinations is described in each of the individual element narratives.

These cost elements are simply the summation of the recurring costs from each of the individual elements represented in the combination; the interoffice facility, the loop, and possibly channelization with an interface.

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Specific Study Assumptions

- Recurring costs are the sum of the individual UNE components' recurring costs.
- The facility is dedicated to a single CLEC.

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- P.17 NONRECURRING COST FOR EXTENDED LOOP OR LOCAL
CHANNEL AND INTEROFFICE COMBINATION STUDIES**
- P.17.1 NONRECURRING COST FOR EXTENDED LOOP OR LOCAL
CHANNEL AND INTEROFFICE COMBINATION STUDIES --
SWITCH-AS-IS**

Element Description

This element represents the nonrecurring costs associated with "Switching-As-Is" (P.17.1) an existing loop and interoffice combination. The cost element represents the individual activities required to provision the point-to-point arrangement and are grouped by functionality. Subject matter experts familiar with the activities identified the amount of time required to perform the applicable task. The times for each work function were multiplied by the labor rate for the work group performing the function.

Specific Study Assumptions

- Element P.17.1 assumes the combination is in existence and is being "Switched-As-Is."

BELLSOUTH TENNESSEE RATE SHEETS

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

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June 9, 2000

Cost Ref No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
A.0	UNBUNDLED LOCAL LOOP						
A.1	2-WIRE ANALOG VOICE GRADE LOOP						
A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1	1	13.19	31.99	20.02	10.65	1.41
		2	17.23	31.99	20.02	10.65	1.41
		3	22.53	31.99	20.02	10.65	1.41
A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2	1	16.56	75.06	48.20	28.70	17.64
		2	21.63	75.06	48.20	28.70	17.64
		3	28.28	75.06	48.20	28.70	17.64
A.1.3	2-Wire Analog Voice Grade Loop - Service Level 1 - Manual Order Coordination			36.52	36.52	9.18	9.18
A.1.4	2-Wire Analog Voice Grade Loop - Service Level 1 - Order Coordination for Specified Conversion Time			34.29			
A.1.5	2-Wire Analog Voice Grade Loop - Service Level 2 - Order Coordination for Specified Conversion Time			34.29			
A.2	SUB-LOOP 2-WIRE ANALOG						
A.2.1	Loop Feeder Per 2-Wire Analog Voice Grade Loop		12.05	122.24	85.05	76.35	39.16
A.2.2	Loop Distribution Per 2-Wire Analog Voice Grade Loop		10.02	148.84	112.34	73.14	36.65
A.2.3	Loop Concentration - Channelization System - (Outside C.O.)		328.28	651.09	283.42	207.92	50.94
A.2.4	Loop Concentration - Remote Terminal Cabinet (Outside C.O.)		ICB	ICB			
A.2.5	Loop Concentration - Remote Channel Interface - 2-Wire Voice Grade (Outside C.O.)		0.88	9.43	9.40	4.71	4.70
A.2.6	NID Per 2-Wire Analog Voice Grade Loop		1.15	0.74			
A.2.7	Loop Concentration - Channelization System - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.2.8	Sub-Loop Feeder - Order Coordination for Specified Conversion Time			34.29			
A.2.9	Sub-Loop Distribution - Order Coordination for Specified Conversion Time			34.29			
A.3	LOOP CHANNELIZATION AND CO INTERFACE (INSIDE CO)						
A.3.1	Loop Channelization System - Digital Loop Carrier		307.07	307.34	74.37	4.18	
A.3.2	CO Channel Interface--2-Wire Voice Grade		1.20	9.57	9.52	8.66	8.60
A.3.3	Loop Concentration - Channelization System - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.4	4-WIRE ANALOG VOICE GRADE LOOP						
A.4.1	4-Wire Analog Voice Grade Loop	1	24.70	122.76	85.57	76.35	39.16
		2	32.26	122.76	85.57	76.35	39.16

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
A 4.2	NID Per 4-Wire Analog Voice Grade Loop	3	42.18	122.76	85.57	76.35	39.16
	4-Wire Analog Voice Grade Loop - Order Coordination for Specified Conversion Time		1.27	0.74			
A 4.3				34.29			
A.5	2-WIRE ISDN DIGITAL GRADE LOOP						
A.5.1	2-Wire ISDN Digital Grade Loop	1	22.22	142.76	88.88	76.35	39.16
		2	29.02	142.76	88.88	76.35	39.16
		3	37.95	142.76	88.88	76.35	39.16
A.5.2	NID Per 2-Wire ISDN Digital Grade Loop		1.15	0.74			
	2-Wire ISDN Digital Grade Loop - Order Coordination for Specified Conversion Time						
A.5.3				34.29			
A.6	2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP						
A.6.1	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop	1	13.82	270.01	234.63	74.54	39.14
		2	18.04	270.01	234.63	74.54	39.14
		3	23.59	270.01	234.63	74.54	39.14
A.6.2	NID Per 2-Wire Asymmetrical Digital Subscriber Line (ADSL) Loop		1.15	0.74			
A.6.3	2-Wire ADSL Loop - Order Coordination for Specified Conversion Time			34.29			
A.7	2-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP						
A.7.1	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop	1	10.83	270.01	234.63	74.54	39.14
		2	14.14	270.01	234.63	74.54	39.14
		3	18.49	270.01	234.63	74.54	39.14
A.7.2	NID Per 2-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop		1.15	0.74			
A.7.3	2-Wire HDSL Loop - Order Coordination for Specified Conversion Time			34.29			
A.8	4-WIRE HIGH BIT RATE DIGITAL SUBSCRIBER LINE (HDSL) COMPATIBLE LOOP						
A.8.1	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop	1	13.93	279.60	244.22	74.54	39.14
		2	18.20	279.60	244.22	74.54	39.14
		3	23.80	279.60	244.22	74.54	39.14
A.8.2	NID Per 4-Wire High Bit Rate Digital Subscriber Line (HDSL) Loop		1.27	0.74			
A.8.3	4-Wire HDSL Loop - Order Coordination for Specified Conversion Time			34.29			
A.9	4-WIRE DS1 DIGITAL LOOP						
A.9.1	4-Wire DS1 Digital Loop	1	57.73	313.08	219.72	96.86	40.45
		2	75.40	313.08	219.72	96.86	40.45
		3	98.59	313.08	219.72	96.86	40.45

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
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Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
A.9.2	4-Wire DS1 Loop - Incremental Cost - Manual Svc Order vs. Electronic			18.98	8.43	11.95	
A.9.3	4-Wire DS1 Loop - Order Coordination for Specified Conversion Time			34.59			
A.10	4-WIRE 56 OR 64 KBPS DIGITAL GRADE LOOP						
A.10.1	4-Wire 56 or 64 Kbps Digital Grade Loop	1	31.10	207.01	141.38	90.70	44.18
		2	40.61	207.01	141.38	90.70	44.18
		3	53.11	207.01	141.38	90.70	44.18
A.10.2	NID Per 4-Wire 56 or 64 Kbps Digital Grade Loop		1.27	0.74			
A.10.3	4-Wire 56 or 64 Kbps Digital Grade Loop - Order Coordination for Specified Conversion Time			34.29			
A.11	UNBUNDLED LOOPS - INCREMENTAL COST - MANUAL SVC. ORDER VS. ELECTRONIC						
A.11.1	Unbundled 2-Wire Loops - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.11.2	Unbundled 4-Wire Loops (Excluding DS1) - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.11.3	NID Per 2-Wire Loops - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.11.4	NID Per 4-Wire Loops - Manual Svc Order vs. Electronic			20.35	10.54	13.32	
A.18	MULTIPLXERS						
A.18.1	Channelization - Channel System DS1 to DS0		80.77	141.87	77.11	\$44.47	\$42.62
A.18.2	Interface Unit - Interface DS1 to DS0 - OCU-DP Card		1.82	6.07	4.66		
A.18.3	Interface Unit - Interface DS1 to DS0 - BRITE Card		3.10	6.07	4.66		
A.18.4	Interface Unit - Interface DS1 to DS0 - Voice Grade Card		0.91	6.07	4.66		
A.18.5	Channelization - Channel System DS3 to DS1		222.98	308.03	108.47	\$6.34	\$4.23
A.18.6	Interface Unit - Interface DS3 to DS1		17.58	6.07	4.66		
A.18.10	Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic			\$20.35	\$9.80	\$11.49	\$1.18
A.18.11	Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic			\$20.35	\$9.80	\$11.49	\$1.18
B.0	UNBUNDLED LOCAL EXCHANGE PORTS AND FEATURES						
B.1	EXCHANGE PORTS (Includes All Applicable Features)						
B.1.1	Exchange Ports - 2-Wire Analog Line Port (Res., Bus.)		4.73	9.93	9.19	3.66	2.92
B.1.2	Exchange Ports - 4-Wire Analog Voice Grade Port		11.11	9.93	9.19	3.66	2.92
B.1.3	Exchange Ports - 2-Wire DID Port		8.97	47.75	47.01	9.21	8.47
B.1.4	Exchange Ports - 4-Wire DID Port		35.74	75.93	38.15	8.77	8.04
B.1.5	Exchange Ports - 2-Wire ISDN Port		18.40	30.23	29.49	4.10	4.10
B.1.6	Exchange Ports - 4-Wire ISDN DS1 Port		78.59	148.66	147.18	38.46	36.98

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet

(Based on Compliance Cost Study Filings)

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Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
B.1.7	Exchange Ports - 2-Wire Analog Line Port (PBX)		4.63	9.93	9.19	3.66	2.92
B.1.8	Exchange Ports - Coin Port		2.16	9.93	9.19	3.66	2.92
B.1.9	Exchange Ports - 2-Wire Analog Line Port (Res., Bus.) - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.1.10	Exchange Ports - 4-Wire Analog Voice Grade Port - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.1.11	Exchange Ports - 2-Wire DID Port - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.1.12	Exchange Ports - 4-Wire DID Port - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.1.13	Exchange Ports - 2-Wire ISDN Port - Incremental Cost - Manual Svc Order vs. Electronic			41.43	42.17	9.80	9.80
B.1.14	Exchange Ports - 4-Wire ISDN DS1 Port - Incremental Cost - Manual Svc Order vs. Electronic			40.69	42.17	9.07	10.54
B.1.15	Exchange Ports - 2-Wire Analog Line Port (PBX) - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.1.16	Exchange Ports - Coin Port - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.32	1.40
B.2	FEATURES						
B.2.39	Subsequent Ordering Change - Electronic			0.74			
B.2.40	Subsequent Ordering Change - Incremental Cost - Manual Svc Order vs. Electronic			2.77	0.70	1.37	
C.0	UNBUNDLED SWITCHING AND LOCAL INTERCONNECTION						
C.1	LOCAL SWITCHING						
C.1.1	End Office Switching Function, Per MOU		0.0008041				
C.1.2	End Office Interoffice Trunk Port - Shared, Per MOU		Included in C.1.1				
C.2	TANDEM SWITCHING						
C.2.1	Tandem Switching Function Per MOU		0.0009778				
C.2.2	Tandem Interoffice Trunk Port - Shared, Per MOU		Included in C.2.1				
D.0	UNBUNDLED TRANSPORT AND LOCAL INTERCONNECTION						
D.1	COMMON TRANSPORT						
D.1.1	Common Transport - Per Mile, Per MOU		0.0000064				
D.1.2	Common Transport - Facilities Termination Per MOU		0.0003871				
D.2	INTEROFFICE TRANSPORT - DEDICATED - VOICE GRADE						

Notes: (I) - Initial; (S) - Subsequent
(21429v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

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Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
D.2.1	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Per Mile		0.0174				
D.2.2	Interoffice Transport - Dedicated - 2-Wire Voice Grade - Facility Termination		18.58	55.39	17.37	27.96	3.51
D.2.3	Interoffice Transport - Voice Grade - Incremental Cost - Manual Svc Order vs. Electronic			20.35	21.09	9.80	10.54
D.3	INTEROFFICE TRANSPORT - DEDICATED - DSO - 56/64 Kbps						
D.3.1	Interoffice Transport - Dedicated - DSO - Per Mile		0.0174				
D.3.2	Interoffice Transport - Dedicated - DSO - Facility Termination		17.98	55.39	17.37	27.96	3.51
D.3.3	Interoffice Transport - DSO - Incremental Cost - Manual Svc Order vs. Electronic			20.35	21.09	9.80	10.54
D.4	INTEROFFICE TRANSPORT - DEDICATED - DS1						
D.4.1	Interoffice Transport - Dedicated - DS1 - Per Mile		0.3562				
D.4.2	Interoffice Transport - Dedicated - DS1 - Facility Termination		77.86	112.40	76.27	19.55	14.99
D.4.3	Interoffice Transport - DS1 - Incremental Cost - Manual Svc Order vs. Electronic			20.35	21.09	9.80	10.54
D.5	LOCAL CHANNEL - DEDICATED						
D.5.1	Local Channel - Dedicated - 2-Wire Voice Grade	1	17.18	199.33	24.16	54.81	4.80
		2	22.44	199.33	24.16	54.81	4.80
		3	29.34	199.33	24.16	54.81	4.80
D.5.2	Local Channel - Dedicated - 4-Wire Voice Grade	1	18.18	201.53	24.83	55.52	5.51
		2	23.74	201.53	24.83	55.52	5.51
		3	31.05	201.53	24.83	55.52	5.51
D.5.3	Local Channel - Dedicated - DS1	1	36.24	277.35	233.26	33.18	22.30
		2	47.33	277.35	233.26	33.18	22.30
		3	61.89	277.35	233.26	33.18	22.30
D.5.4	Local Channel - Dedicated - 2-Wire Voice Grade - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.30	
D.5.5	Local Channel - Dedicated - 4-Wire Voice Grade - Incremental Cost - Manual Svc Order vs. Electronic			20.35	10.54	13.30	
D.5.6	Local Channel - Dedicated - DS1 - Incremental Cost - Manual Svc Order vs. Electronic			45.68	1.76	21.75	1.76
E.0	SIGNALING NETWORK, DATA BASES, & SERVICE MANAGEMENT						
E.1	800 ACCESS TEN DIGIT SCREENING						
E.1.1	800 Access Ten Digit Screening, Per Call		0.0005192				

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

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Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
E.1.2	800 Access Ten Digit Screening, Reservation Charge Per 800 Number Reserved			5.21	0.76		
E.1.3	800 Access Ten Digit Screening, Per 800 # Established W/O POTS Translations			11.47	1.46	7.34	0.76
E.1.4	800 Access Ten Digit Screening, Per 800 # Established With POTS Translations			11.47	1.46	7.34	0.76
E.1.5	800 Access Ten Digit Screening, Customized Area of Service Per 800 Number			4.47	2.24		
E.1.6	800 Access Ten Digit Screening, Multiple InterLATA CXR Routing Per CXR Requested Per 800 #			5.23	3.00		
E.1.7	800 Access Ten Digit Screening, Change Charge Per Request			5.97	0.76		
E.1.8	800 Access Ten Digit Screening, Call Handling and Destination Features			4.47			
E.1.9	800 Access Ten Digit Scrg, Reserv Chrg Per 800 # Reserved-Incremental Cost-Manual Svc Order vs. Electronic			20.35			
E.1.10	800 Access Ten Digit Scrg, Per 800 # Est'd w/o POTS Transl.-Incremental Cost-Manual Svc Order vs. Electronic			20.35		13.28	
E.1.11	800 Access Ten Digit Scrg, Per 800 # Est'd w/ POTS Transl.-Incremental Cost-Manual Svc Order vs. Electronic			20.35		13.28	
E.1.12	800 Access Ten Digit Scrg, Chng Chrg/Request-Incremental Cost-Manual Svc Order vs. Electronic			20.35			
E.2	LINE INFORMATION DATA BASE ACCESS (LIDB)						
E.2.1	LIDB Common Transport Per Query		0.0000354				
E.2.2	LIDB Validation Per Query		0.0117403				
E.2.3	LIDB Originating Point Code Establishment or Change			49.03			
E.2.4	LIDB - Incremental Cost - Manual Svc Order vs. Electronic			20.35			
E.3	CCS7 SIGNALING TRANSPORT						
E.3.1	CCS7 Signaling Connection, Per 56Kbps Facility		17.84	130.84			
E.3.2	CCS7 Signaling Termination, Per STP Port		138.41				
E.3.3	CCS7 Signaling Usage, Per Call Setup Message		0.0000373				
E.3.4	CCS7 Signaling Usage, Per TCAP Message		0.0000916				
E.3.5	CCS7 Signaling Usage Surrogate, Per 56Kbps Facility, Per LATA Per Month		352.30				
E.3.6	CCS7 - Incremental Cost - Manual Svc Order vs. Electronic			20.35			
F.0	OPERATIONAL SUPPORT SYSTEMS						
F.1	OPERATIONAL SUPPORT SYSTEMS						
F.1.2	OSS OLEC Daily Usage File: Recording, per Message		0.0000044				

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

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Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
F.1.3	OSS OLEC Daily Usage File: Message Distribution, Per Message		0.0027366				
F.1.4	OSS OLEC Daily Usage File: Message Distribution, Per Magnetic Tape Provisioned		52.75				
F.1.5	OSS OLEC Daily Usage File: Data Transmission (CONNECT:DIRECT), Per Message		0.0000339				
G.0	OPERATOR SERVICES AND DIRECTORY ASSISTANCE						
G.1	OPERATOR CALL PROCESSING						
G.1.1	Oper. Call Processing - Oper. Provided Cost Per Min. - Using BST LIDB		1.08				
G.1.2	Oper. Call Processing - Oper. Provided Cost Per Min. - Using Foreign LIDB		1.13				
G.1.3	Oper. Call Processing - Fully Automated Cost per Call - Using BST LIDB		0.1010353				
G.1.4	Oper. Call Processing - Fully Automated Cost per Call - Using Foreign LIDB		0.1228180	(I) 240.71	(S) 240.71		
G.1.5	Loading Expense Per Announcement For Branded Announcement			(I) 1,555.00	(S) 1,553.00	(I) 7.03	(S) 7.03
G.1.6	Recording Expense Per Announcement For Branded Announcement						
G.2	INWARD OPERATOR SERVICES						
G.2.1	Inward Operator Services - Verification, Per Minute		1.03				
G.2.2	Inward Operator Services - Verification and Emergency Interrupt, Per Minute		1.03				
G.3	DIRECTORY ASSISTANCE CALL COMPLETION ACCESS SERVICE (DACC)						
G.3.1	Directory Assistance Call Completion Access Service (DACC), Per Call Attempt		0.0364771				
G.4	NUMBER SERVICES INTERCEPT ACCESS SERVICE						
G.4.1	Number Services Intercept Per Query		0.0177930				
G.5	DIRECTORY ASSISTANCE ACCESS SERVICE						
G.5.1	Directory Assistance Access Service Calls, Cost Per Call		0.2286787	(I) 240.71	(S) 240.71		
G.5.2	Loading Expense Per Announcement For Branded Announcement			(I) 1,555.00	(S) 1,553.00	(I) 7.03	(S) 7.03
G.5.3	Recording Expense Per Announcement For Branded Announcement						
G.6	DIRECTORY TRANSPORT						
G.6.1	Directory Transport - Local Channel DS1		40.80				
G.6.2	Directory Transport - DS1 Level Interoffice Per Mile		0.3562	277.35	233.26	33.18	22.30
G.6.3	Directory Transport - DS1 Level Interoffice Per Facility Termination		77.86				

Notes: (I) - Initial, (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
G 6.4	Switched Common Transport Per DA Access Service Per Call		0.0002710	112.40	76.27	19.55	14.99
G 6.5	Switched Common Transport Per DA Access Service Per Call Per Mile		0.0000165				
G 6.6	Access Tandem Switching Per DA Access Service Per Call		0.0001875				
G 6.8	Directory Transport - Installation NRC, Per Trunk or Signaling Connection			204.62	4.43	136.09	4.43
G 6.9	Directory Transport Local Channel DS1 - Incremental Cost - Manual Service Order vs. Electronic			45.68	1.76	21.75	1.76
G 6.10	Directory Transport Interoffice DS1 - Incremental Cost - Manual Service Order vs. Electronic			20.35	21.09	9.80	10.54
G 7	DIRECTORY ASSISTANCE DATA BASE SERVICE (DADS)						
G 7.1	Directory Assistance Data Base Service Cost Per Listing		0.0485				
G 7.2	Directory Assistance Data Base Service, Monthly Recurring Cost		104.13				
G 8	DIRECT ACCESS TO DIRECTORY ASSISTANCE						
G 8.1	Direct Access to Directory Assistance Service, Per Month		5,729.00				
G 8.2	Direct Access to Directory Assistance Service, Per Query		0.0493769				
G 8.3	Direct Access to Directory Assistance Service, Service Establishment Charge			789.74			
G 9	SELECTIVE ROUTING (INTERIM SOLUTION LINE CLASS CODES)						
G 9.1	Selective Routing Per Unique Line Class Code Per Request Per Switch			179.60			
G 9.2	Selective Routing - Incremental Cost - Manual Svc Order vs. Electronic			20.35			
H 0	COLLOCATION						
H 1	PHYSICAL COLLOCATION						
H 1.1	Physical Collocation - Application Cost			5,117.00			
H 1.2	Physical Collocation - Space Preparation		ICB				
H 1.3	Physical Collocation - Space Construction Cost Per First 100 Sq. Ft.		138.54				
H 1.4	Physical Collocation - Space Construction Cost Per Add'l 50 Sq. Ft.		16.07				
H 1.5	Physical Collocation - Cable Installation Cost Per Cable		3.91	1,749.00			
H 1.6	Physical Collocation - Floor Space, Per Sq. Ft.		20.43				
H 1.7	Physical Collocation - Cable Support Structure, Per Entrance Cable		6.79				
H 1.8	Physical Collocation - Power, Per Ampere		0.7905	11.62	9.90	10.38	8.66
H 1.9	Physical Collocation - 2-wire Cross Connects		1.0158	11.81	10.04	10.44	8.67
H 1.10	Physical Collocation - 4-wire Cross Connects		2.66	32.22	17.76	10.46	8.75
H 1.11	Physical Collocation - DS1 Cross Connects		42.00	29.97	16.30	12.03	8.99
H 1.12	Physical Collocation - DS3 Cross Connects		0.0921				
H 1.13	Physical Collocation - 2-Wire POT Bay		0.1843				
H 1.14	Physical Collocation - 4-Wire POT Bay		0.7606				
H 1.15	Physical Collocation - DS1 POT Bay						

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
H.1.16	Physical Collocation - DS3 POT Bay		4.77				
H.1.17	Physical Collocation - Security Escort - Basic, Per Half Hour			33.15	20.44		
H.1.18	Physical Collocation - Security Escort - Overtime, Per Half Hour			41.50	25.61		
H.1.19	Physical Collocation - Security Escort - Premium, Per Half Hour			49.86	30.79		
H.1.20	Physical Collocation - 2-Wire Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
H.1.21	Physical Collocation - 4-Wire Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
H.1.22	Physical Collocation -DS1/DS3 Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
H.2	VIRTUAL COLLOCATION						
H.2.1	Virtual Collocation - Application Cost			2,633.00			
H.2.2	Virtual Collocation - Cable Installation Cost Per Cable			1,749.00			
H.2.3	Virtual Collocation - Floor Space Per Sq. Ft.		3.91				
H.2.4	Virtual Collocation - Floor Space Power, Per Ampere		6.79				
H.2.5	Virtual Collocation - Cable Support Structure, Per Entrance Cable		17.87				
H.2.6	Virtual Collocation - 2-wire Cross Connects		0.5688	11.62	9.90	10.38	8.66
H.2.7	Virtual Collocation - 4-wire Cross Connects		0.5723	11.81	10.04	10.44	8.67
H.2.8	Virtual Collocation - DS1 Cross Connects		1.3190	32.22	17.76	10.46	8.75
H.2.9	Virtual Collocation - DS3 Cross Connects		12.32	29.97	16.30	12.03	8.99
H.2.10	Virtual Collocation - Security Escort - Basic, Per Half Hour			33.15	20.44		
H.2.11	Virtual Collocation - Security Escort - Overtime, Per Half Hour			41.50	25.61		
H.2.12	Virtual Collocation - Security Escort - Premium, Per Half Hour			49.86	30.79		
H.2.13	Virtual Collocation - 2-Wire Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
H.2.14	Virtual Collocation - 4-Wire Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
H.2.15	Virtual Collocation -DS1/DS3 Cross Connects - Incremental Cost - Manual Svc Order vs. Electronic			2.07	2.81	0.67	1.41
I.0	SERVICE PROVIDER NUMBER PORTABILITY						
I.1	SERVICE PROVIDER NUMBER PORTABILITY - RCF						
I.1.1	Service Provider Number Portability - RCF, Per Number Ported		1.24	0.46			
I.1.2	Service Provider Number Portability - RCF, Per Additional Path		0.1514				
I.1.3	Service Provider Number Portability - RCF, Per Service Order, Per Location			0.74			
I.2	SERVICE PROVIDER NUMBER PORTABILITY - DID						

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
I 2.1	Service Provider Number Portability - DID, Per Number Ported, Residence		0.94				
I 2.2	Service Provider Number Portability - DID, Per Number Ported, Business		0.94				
I 2.3	Service Provider Number Portability - DID, Per Service Order, Per Location		0.74				
I 2.4	Service Provider Number Portability - DID, Per Trunk Termination, Initial		7.86	129.66			
I 2.5	Service Provider Number Portability - DID, Per Trunk Termination, Subsequent		7.69	37.32			
I 3	SERVICE PROVIDER NUMBER PORTABILITY - MANUAL SVC. ORDER VS. ELECTRONIC						
I 3.1	Service Provider Number Portability - Incremental Cost - Manual Svc Order vs. Electronic			20.35	21.09	13.32	14.06
I 4	SERVICE PROVIDER NUMBER PORTABILITY RIPH						
I 4.1	Service Provider Number Portability - RIPH, Functionality, Per Central office			180.61			
I 4.2	Service Provider Number Portability - RIPH, Functionality, Per Rearrangement			68.83			
I 5	SERVICE PROVIDER NUMBER PORTABILITY RIPH						
I 5.1	Service Provider Number Portability - RI-PH, Per Number Ported		0.8677	0.34			
I 5.2	SPNP - RIPH, Per Service Order, Per Location			0.74			
J 0	OTHER						
J 1	DARK FIBER						
J 1.1	Dark Fiber, Per Four Fiber Strands, Per Route Mile or Fraction Thereof		53.23	1,219.22	169.75	453.22	339.34
J 2	ACCESS TO POLES, DUCTS, CONDUITS AND RIGHTS OF WAY						
J 2.1	Access to Poles Per Pole, Per Foot, Per Year		20.54				
J 2.2	Access to Conduits, Per Foot, Per Year		0.5370432				
J 2.3	Access to Innerduct, Per Foot, Per Year		0.4477645				
K 0	ADVANCED INTELLIGENT NETWORK (AIN) SERVICES						
K 1	BELLSOUTH AIN SMS ACCESS SERVICE						
K 1.1	AIN SMS Access Service - Service Establishment, Per State, Initial Setup			135.56			
K 1.2	AIN SMS Access Service - Port Connection - Dial/Shared Access			41.75			

Notes: (I) - Initial, (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
K 1.3	AIN SMS Access Service - Port Connection - ISDN Access			41.75			
K 1.4	AIN SMS Access Service - User Identification Codes - Per User ID Code			96.63			
K 1.5	AIN SMS Access Service - Security Card, Per User ID Code, Initial or Replacement			113.67			
K 1.6	AIN SMS Access Service - Storage, Per Unit (100 Kilobytes)		0.0024				
K 1.7	AIN SMS Access Service - Session, Per Minute		0.0820123				
K 1.8	AIN SMS Access Service - Company Performed Session, Per Minute		2.27				
K 2	BELLSOUTH AIN TOOLKIT SERVICE						
K 2.1	AIN Toolkit Service - Service Establishment Charge, Per State, Initial Setup			132.04			
K 2.2	AIN Toolkit Service - Training Session, Per Customer			7.915.00			
K 2.3	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Term. Attempt			31.21			
K 2.4	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Delay			31.21			
K 2.5	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Off-Hook Immediate			31.21			
K 2.6	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, 10-Digit PODP			85.24			
K 2.7	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, CDP			85.24			
K 2.8	AIN Toolkit Service - Trigger Access Charge, Per Trigger, Per DN, Feature Code			85.24			
K 2.9	AIN Toolkit Service - Query Charge, Per Query		0.0211882				
K 2.10	AIN Toolkit Service - Type 1 Node Charge, Per AIN Toolkit Subscription, Per Node, Per Query		0.0054774				
K 2.11	AIN Toolkit Service - SCP Storage Charge, Per SMS Access Account, Per 100 Kilobytes		1.50				
K 2.12	AIN Toolkit Service - Monthly report - Per AIN Toolkit Service Subscription		17.43	33.52			
K 2.13	AIN Toolkit Service - Special Study - Per AIN Toolkit Service Subscription		0.1321116	36.23			
K 2.14	AIN Toolkit Service - Call Event Report - Per AIN Toolkit Service Subscription		17.35	33.52			
K 2.15	AIN Toolkit Service - Call Event Special Study - Per AIN Toolkit Service Subscription		0.0511435	36.23			
P 0	UNBUNDLED LOOP COMBINATIONS						
P 1	2-WIRE VOICE GRADE LOOP WITH 2-WIRE LINE PORT	1	17.02				

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
		2	18.96				
		3	26.31				
P. 1.3	2-Wire Voice Grade Loop/Line Port Combo - Switch-as-is			1.03	0.2886		
P. 1.4	2-Wire Voice Grade Loop/Line Port Combo - Incremental Cost Manual Svc. Order vs. Electronic			30.89	7.03		
P. 1.5	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update			0.7591			
P. 1.6	2-Wire Voice Grade Loop/Line Port Combo - Subsequent Database Update - Incremental Manual Svc. Order vs. Electronic			7.97			

Notes: (I) - Initial, (S) - Subsequent
(21429w3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.3	2-WIRE VOICE GRADE LOOP WITH 2-WIRE DID TRUNK PORT	1	18.38				
		2	19.87				
		3	26.52				
P.3.3	2-Wire Voice Grade Loop/2-Wire DID Trunk Port Combo - Switch-as-is			8.76	5.75		
P.3.4	2-Wire Voice Grade Loop/2-Wire DID Trunk Port Combo - Incremental Cost Manual Svc. Order vs. Electronic			41.43	9.80		
P.4	2-WIRE ISDN DIGITAL GRADE LOOP WITH 2-WIRE ISDN DIGITAL LINE SIDE PORT	1	34.41				
		2	36.92				
		3	46.46				
P.4.3	2-Wire ISDN Digital Grade Loop/2-Wire ISDN Line Side Port Combo - Switch-as-is			117.23	117.23		
P.4.5	2-Wire ISDN Digital Grade Loop/2-Wire ISDN Line Side Port Combo - Non Feature Subsequent Activity			212.88			
P.5	4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE ISDN DS1 DIGITAL TRUNK PORT	1	136.13				
		2	153.80				
		3	176.99				
P.5.3	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Switch-as-is			328.53	328.53		
P.5.5	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Subsequent Channel Activation - Per Channel			28.39			
P.5.6	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Subsequent Inward/2way Telephone Numbers			0.9353			
P.5.7	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Subsequent Outward Telephone Numbers			22.36			
P.5.8	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Subsequent Inward Telephone Numbers			44.71			
P.5.9	4-Wire DS1 Digital Loop/ 4-wire ISDN DS1 Digital Trunk Port Combo - Subsequent Service Order Per Order			189.76			
P.6	2-WIRE VOICE GRADE EXTENDED LOOP WITH DS1 DEDICATED INTEROFFICE TRANSPORT						
	First 2-Wire Voice Grade with DS1 (excluding mileage)	1	176.10				
		2	181.17				
		3	187.82				

Notes: (I) - Initial, (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is			52.73	24.62	9.12	9.12
P. 17.1	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)		0.3562				
	Additional 2-Wire Voice Grade Loop in same DS1 (excluding mileage)	1	17.47				
		2	22.54				
		3	29.19				
P.7	4-WIRE VOICE GRADE EXTENDED LOOP WITH DS1 DEDICATED INTEROFFICE TRANSPORT						
	First 4-Wire Voice Grade Loop with DS1 (excluding mileage)	1	184.24				
		2	191.80				
		3	201.72				
P. 17.1	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is		0.3562	52.73	24.62	9.12	9.12
	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)						
	Additional 4-Wire Voice Grade Loop in same DS1 (excluding mileage)	1	25.61				
		2	33.17				
		3	43.09				
P.8	4-WIRE 56 OR 64 KBPS EXTENDED DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT						
	First 4-Wire 56 or 65 kbps Digital Grade Loop with DS1 (excluding mileage)	1	190.64				
		2	200.16				
		3	212.65				
P. 17.1	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is			52.73	24.62	9.12	9.12
	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)		0.3562				
	Additional 4-Wire 56or 64 Kbps in same DS1 (excluding mileage)	1	32.01				
		2	41.52				
		3	54.02				
P.9	EXTENDED 2-WIRE VG DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT						
	First 2-Wire Local Channel with DS1 (excluding mileage)	1	176.72				

Notes: (I) - Initial, (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet (Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
		2	181.98				
		3	188.88				
P. 17.1	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is			52.73	24.62	9.12	9.12
	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)		0.3562				
	Additional 2-Wire Voice Grade Channel in Same DS1 (excluding mileage)	1	18.09				
		2	23.35				
		3	30.25				
P. 10	EXTENDED 4-WIRE VG DEDICATED LOCAL CHANNEL WITH DEDICATED DS1 INTEROFFICE TRANSPORT						
	First 4-Wire Local Channel with DS1 (excluding mileage)	1	177.73				
		2	183.29				
		3	190.59				
P. 17.1	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is			52.73	24.62	9.12	9.12
	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)		0.3562				
	Additional 4-Wire Voice Grade Channel in Same DS1 (excluding mileage)	1	19.09				
		2	24.66				
		3	31.96				
P. 11	EXTENDED 4-WIRE DS1 DIGITAL LOOP WITH DEDICATED DS1 INTEROFFICE TRANSPORT						
	First 4-Wire DS1 Digital Loop with DS1 (excluding mileage)	1	135.59				
		2	153.26				
		3	176.45				
P. 17.1	Non-recurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch-As-Is			52.73	24.62	9.12	9.12
	Interoffice Transport - Dedicated - DS1 - Per Mile (Same as D.4.1)		0.3562				
	Additional 4-Wire DS1 Loop in Same DS1 (excluding mileage)	1	57.73				
		2	75.40				
		3	98.59				

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BellSouth Tennessee Rate Sheet
(Based on Compliance Cost Study Filings)

Tennessee Docket No. 97-01262
June 9, 2000

Cost Ref. No.	Unbundled Network Element	Zone	Recurring	Nonrecurring		Disconnect	
				First	Additional	First	Additional
P.15	4-WIRE DS1 DIGITAL LOOP WITH 4-WIRE DID TRUNK PORT	1	93.28				
		2	110.95				
		3	134.14				
P.15.3	4-Wire DS1 Digital Loop/ 4-wire DID Trunk Port Combo - Switch-as-is			312.91	312.91		
P.15.5	4-Wire DS1 Digital Loop/ 4-wire DID Trunk Port Combo- Subsequent Channel Activation - Per Channel			108.67			
P.15.6	4-Wire DS1 Digital Loop/ 4-wire DID Trunk Port Combo - Subsequent Telephone Numbers			88.68			
P.15.7	4-Wire DS1 Digital Loop/ 4-wire DID Trunk Port Combo - Subsequent Signaling Charges			22.92			
P.15.8	4-Wire DS1 Digital Loop/ 4-wire DID Trunk Port Combo - Subsequent Service Order Per Order			94.88			

Notes: (I) - Initial; (S) - Subsequent
(214299v3)

BELLSOUTH COST SUPPORT

Recurring Cost Summary

Tennessee
A.18.1 - Channelization - Channel System DS1 to DS0

5/25/2000

	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	\$69.1023	\$0.0000	\$69.1023			\$0.0000
Total Monthly Cost	\$69.1023	\$0.0000	\$69.1023	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$69.2336			\$0.0000
Common Cost Factor			1.1500			1.1500
Monthly Economic Cost			\$79.6186			\$0.0000

Total Monthly Economic Cost : \$79.6186

000012

5/25/2000

A.18.1 - Channelization - Channel System DS1 to DS0

1

Page 2

Tennessee

000014

**Recurring Cost Development
Volume Sensitive**

Tennessee															
A.18.1 - Channelization - Channel System DS1 to DS0															
5/25/2000	A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(Ax F)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+ I+K)	M	N=(AxM)	O=(L+N)
								</							

000015

Nonrecurring Cost Summary

Tennessee
A.18.1 - Channelization - Channel System DS1 to DS0

5/25/2000

Nonrecurring Cost

	<u>First</u>		<u>Additional</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Nonrecurring Cost Development Sheet Col H	\$141.6025	\$0.0000	\$76.9659	\$0.0000
Total Cost	\$141.6025	\$0.0000	\$76.9659	\$0.0000
Gross Receipts Tax Factor		X		X
Cost (including Gross Receipts Tax)	\$141.8716		\$77.1121	
Common Cost Factor		X		X
Nonrecurring Economic Cost	\$141.8716		\$77.1121	
				\$77.1121

000016

Nonrecurring Cost Development

Tennessee
A.18.1 - Channelization - Channel System DS1 to DS0

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
			Installation Worktimes		Disconnect Worktimes		Direct Labor		Install Cost		Disconnect Cost		Discount Factor		Discounted Disconnect Cost		Direct Cost	
			First	Additional	First	Additional	Rate		First	Additional	First	Additional			First	Additional	First	Additional
Service Order	2300	Customer Point Of Contact - ICSC	0.0175	0.0175	0.0000	0.0000	\$42.09		\$0.7366	\$0.7366	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$0.7366	\$0.7366
Service Order	470X	Circuit Provisioning Group (CPG)	0.1333	0.0000	0.0000	0.0000	\$36.25		\$4.8321	\$0.0000	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$4.8321	\$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.2500	0.0500	0.0000	0.0000	\$33.95		\$8.4875	\$1.6975	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$8.4875	\$1.6975
Service Order	31XX	Ntwk & Eng Planning (FG20)	1.0000	0.1667	0.0000	0.0000	\$63.62		\$63.6200	\$10.6055	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$63.6200	\$10.6055
Service Order	471X	Acc Cust Advocate Cntr (ACAC)	0.0600	0.0600	0.0000	0.0000	\$38.26		\$2.2956	\$2.2956	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$2.2956	\$2.2956
Engineering	470X	Circuit Provisioning Group (CPG)	0.4917	0.4917	0.0000	0.0000	\$36.25		\$17.8241	\$17.8241	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$17.8241	\$17.8241
Engineering	341X	Ntwk Plug In Admin (PLCS)	0.0500	0.0500	0.0000	0.0000	\$36.75		\$1.8375	\$1.8375	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$1.8375	\$1.8375
Connect & Test	431X	CO Install & Mice Field - Cxt & Fac	0.1333	0.1333	0.0000	0.0000	\$42.17		\$5.6221	\$5.6221	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$5.6221	\$5.6221
Connect & Test	471X	Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26		\$36.3470	\$36.3470	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$36.3470	\$36.3470
Total																	141.6025284	76.9658584

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
			Installation Worktimes		Disconnect Worktimes		Direct Labor		Install Cost		Disconnect Cost		Discount Factor		Discounted Disconnect Cost		Direct Cost	
			First	Additional	First	Additional	Rate		First	Additional	First	Additional			First	Additional	First	Additional
Service Order	2300	Customer Point Of Contact - ICSC	0.0175	0.0175	0.0000	0.0000	\$42.09		\$0.7366	\$0.7366	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$0.7366	\$0.7366
Service Order	470X	Circuit Provisioning Group (CPG)	0.1333	0.0000	0.0000	0.0000	\$36.25		\$4.8321	\$0.0000	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$4.8321	\$0.0000
Service Order	4WXX	Work Management Center (WMC)	0.2500	0.0500	0.0000	0.0000	\$33.95		\$8.4875	\$1.6975	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$8.4875	\$1.6975
Service Order	31XX	Ntwk & Eng Planning (FG20)	1.0000	0.1667	0.0000	0.0000	\$63.62		\$63.6200	\$10.6055	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$63.6200	\$10.6055
Service Order	471X	Acc Cust Advocate Cntr (ACAC)	0.0600	0.0600	0.0000	0.0000	\$38.26		\$2.2956	\$2.2956	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$2.2956	\$2.2956
Engineering	470X	Circuit Provisioning Group (CPG)	0.4917	0.4917	0.0000	0.0000	\$36.25		\$17.8241	\$17.8241	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$17.8241	\$17.8241
Engineering	341X	Ntwk Plug In Admin (PLCS)	0.0500	0.0500	0.0000	0.0000	\$36.75		\$1.8375	\$1.8375	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$1.8375	\$1.8375
Connect & Test	431X	CO Install & Mice Field - Cxt & Fac	0.1333	0.1333	0.0000	0.0000	\$42.17		\$5.6221	\$5.6221	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$5.6221	\$5.6221
Connect & Test	471X	Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26		\$36.3470	\$36.3470	\$0.0000	\$0.0000	0.8637		\$0.0000	\$0.0000	\$36.3470	\$36.3470
Total																	141.6025284	76.9658584

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Tennessee

	<u>Volume Sensitive</u>		<u>Volume Insensitive</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Recurring Cost Devel. Sheets Cols L, N, & O	\$1,2425	\$0.0000		
Total Monthly Cost	\$1,2425	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor			X	1.0019
Cost (including Gross Receipts Tax)				\$0.0000
Common Cost Factor			X	1.1500
Monthly Economic Cost				\$0.0000

000018

Tennessee
A.18.2 - Interface Unit - Interface DS1 to DS0 - OCU-DP Card

	Sub	Inflation		Adjusted		Inventory		Mat'l Factor	Telco	Plug-in		Hardwire	In-Plant Investment	&/or Power Loading	Total Investment
		FRC	Material	Factor	Material	Factor	Factor			Factor	Factor				
Digit Circ. - Other - C.O. - Hardwired - MCEP	357C	03	\$2 7265	0.9539	\$2 6008	1.0000	1.0000	1.0000	1.0000	1.0000	2.0912	\$5 4388	1.0593	\$5 7613	
Digit Circ. - Other - C.O. - Def. Plug-in - MCEP With Sp. Stock	357C	09	\$51.0000	0.9539	\$48.6489	1.0601	1.0000	1.0000	1.0000	1.0768	1.0000	\$55.5335	1.0593	\$58.8266	

000019

Land, Building, Pole, and Conduit Investment Development
Volume Sensitive

Tennessee

A.18.2 - Interface Unit - Interface DS1 to DS0 - OCU-DP Card

FRC
20C
10C

Investment
\$0.4263 = Sum of Col C
\$8.7581 = Sum of Col E

Land - COE
Buildings - COE

5/25/2000

A=Prev Page Col G		B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)
Sub FRC	Investment	Land Factor	Land Investment	Building Factor	Building Investment	Pole Factor	Pole Investment	Conduit Factor	Conduit Investment
357C 03	\$5.7613	0.0066	\$0.0380	0.1356	\$0.7812	0.0000	\$0.0000	0.0000	\$0.0000
357C 09	\$58.8266	0.0066	\$0.3883	0.1356	\$7.9769	0.0000	\$0.0000	0.0000	\$0.0000
			<u>\$0.4263</u>		<u>\$8.7581</u>		<u>\$0.0000</u>		<u>\$0.0000</u>

Digitl Circ - Other - C.O. - Hardwired - MCEP
Digitl Circ - Other - C.O. - Def. Plug-in - MCEP With Sp. Stock

000020

Tennessee
A.18.2 - Interface Unit - Interface DS1 to DS0 - OCU-DP Card

	A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+ I+K)	M	N=(A+M)	O=(L+N)
		Depreciation Factor	Depreciation Factor	Cost of Money Factor	Cost of Money Factor	Income Tax Factor	Income Tax Factor	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	\$0.4263	\$0.0000	0.0993	\$0.0423	0.0449	\$0.0191	0.0000	\$0.0000	0.0116	\$0.0050	\$0.0664	0.0000	\$0.0000	\$0.0664
Buildings - COE	10C	\$8.7581	0.0230	0.0780	\$0.6830	0.0352	\$0.3085	0.0037	\$0.0324	0.0116	\$0.1020	\$1.3275	0.0000	\$0.0000	\$1.3275
Digitl Circ - Other	357C	\$64.5879	0.0909	0.0626	\$4.0405	0.0283	\$1.8252	0.0159	\$1.0269	0.0116	\$0.7520	\$13.5162	0.0000	\$0.0000	\$13.5162
Annual Total		<u>\$73.7724</u>													
Monthly Total (Annual Total / 12)												<u>\$14.9102</u>		<u>\$0.0000</u>	<u>\$14.9102</u>
												\$1.2425		\$0.0000	\$1.2425

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Nonrecurring Cost Development

Tennessee
A 18.2 - Interface Unit - Interface DS1 to DS0 - OCU-OP Card

		A		B		C		D=A+C		E=B+C		F		G=E+F		H=D+G	
		Installation Worktimes		Disconnect Worktimes		Direct Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Engineering	341X	0 0500	0 0500	0 0000	0 0000	\$36 75	\$1 8375	\$1 8375	\$1 8375	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$1 8375	\$1 8375
Connect & Test	431X	0 1000	0 0667	0 0000	0 0000	\$42 17	\$2 8119	\$4 2170	\$2 8119	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$4 2170	\$2 8119
																Total	
																6 0545	
																4 6493956	

		Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Engineering	341X	0 0500	0 0500	0 0000	0 0000	\$36 75	\$1 8375	\$1 8375	\$1 8375	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$1 8375	\$1 8375
Connect & Test	431X	0 1000	0 0667	0 0000	0 0000	\$42 17	\$2 8119	\$4 2170	\$2 8119	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$4 2170	\$2 8119
																Total	
																6 0545	
																4 6493956	

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Recurring Cost Summary

Tennessee
A.18.3 - Interface Unit - Interface DS1 to DS0 - BRITE Card

	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	\$2.5406	\$0.0000	\$2.5406			\$0.0000
Total Monthly Cost	\$2.5406	\$0.0000	\$2.5406	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$2.5454			\$0.0000
Common Cost Factor			1.1500			1.1500
Monthly Economic Cost			\$2.9273			\$0.0000

Total Monthly Economic Cost : \$2.9273

5/25/2000

000024

5/25/2000

A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G,FxF
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Digitl Circ - Other - C.O. - Hardwired - MCEP
Digitl Circ - Other - C.O. - Def. Plug-in - MCEP With Sp. Stock

5/25/2000

Recurring Cost Development
Volume Sensitive

Tennessee															
A.18.3 - Interface Unit - Interface DS1 to DS0 - BRITE Card															
	A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+ I+K)	M	N=(AxM)	O=(L+N)
		Depreciation Factor	Depreciation	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
FRG 20C	\$0.8716	0.0000	\$0.0000	0.0993	\$0.0866	0.0449	\$0.0391	0.0000	\$0.0000	0.0116	\$0.0101	\$0.1358	0.0000	\$0.0000	\$0.1358
Land - COE															
Buildings - COE		0.0230	\$0.4123	0.0780	\$1.3965	0.0352	\$0.6308	0.0037	\$0.0663	0.0116	\$0.2085	\$2.7144	0.0000	\$0.0000	\$2.7144
Digit Circ - Other		0.0909	\$12.0060	0.0626	\$8.2618	0.0283	\$3.7320	0.0159	\$2.0998	0.0116	\$1.5376	\$27.6372	0.0000	\$0.0000	\$27.6372
Annual Total															
Monthly Total (Annual Total / 12)															

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Tennessee

Nonrecurring Cost

Nonrecurring Economic Cost

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Nonrecurring Cost Development

Tennessee
A 18.3 - Interface Unit - Interface DS1 to DS0 - BRITE Card

		A		B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
		Installation Worktimes		Disconnect Worktimes		Direct Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		Direct Cost	
Function	JFC/ Payband	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Engineering	341X	0.0500	0.0500	0.0000	0.0000	\$36.75	\$1,837.5	\$1,837.5	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$1,837.5	\$1,837.5
Connect & Test	431X	0.1000	0.0667	0.0000	0.0000	\$42.17	\$4,217.0	\$4,217.0	\$2,811.9	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$4,217.0	\$2,811.9
																6.0545	4.6493956
																Total	

		Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		TELRIC	
Function	JFC/ Payband	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Engineering	341X	0.0500	0.0500	0.0000	0.0000	\$36.75	\$1,837.5	\$1,837.5	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$1,837.5	\$1,837.5
Connect & Test	431X	0.1000	0.0667	0.0000	0.0000	\$42.17	\$4,217.0	\$4,217.0	\$2,811.9	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$4,217.0	\$2,811.9
																6.0545	4.6493956
																Total	

000029

Recurring Cost Summary

Tennessee
A.18.4 - Interface Unit - Interface DS1 to DS0 - Voice Grade Card

5/25/2000

	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	\$0.6434	\$0.0000	\$0.6434			\$0.0000
Total Monthly Cost	\$0.6434	\$0.0000	\$0.6434	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$0.6446			\$0.0000
Common Cost Factor			1.1500			1.1500
Monthly Economic Cost			\$0.7413			\$0.0000

Total Monthly Economic Cost : \$0.7413

000030

5/25/2000

A

Digtl Circ - Other - C.O. - Hardwired - MCEP
Digtl Circ - Other - C.O. - Def. Plug-in - MCEP

**Land, Building, Pole, and Conduit Investment Development
Volume Sensitive**

Tennessee

A.18.4 - Interface Unit - Interface DS1 to DS0 - Voice Grade Card

FRC 20C 10C	Investment = Sum of Col C = Sum of Col E											
	A=Prev Page Col G											
FRC 357C 357C	Sub FRC 03 09	Investment \$5.7613 \$27.6831	Land Factor 0.0066 0.0066	Land Investment \$0.0380 \$0.1827	Building Factor 0.1356 0.1356	Building Investment \$0.7812 \$3.7538	F Pole Factor 0.0000 0.0000	Pole Investment \$0.0000 \$0.0000	H Conduit Factor 0.0000 0.0000	G=(AxF)	I=(AxH)	
										\$0.2207		
										\$4.5351		
										\$0.0000		
										\$0.0000		
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Recurring Cost Development
Volume Sensitive

Tennessee																
A.18.4 - Interface Unit - Interface DS1 to DS0 - Voice Grade Card																
5/25/2000	A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxG)	H	I=(AxH)	J	K=(AxJ)	L=(C+E+G+ I+K)	M	N=(AxM)	O=(L+N)	
		FRC 20C	Investment \$0.2207	Depreciation Factor 0.0000	Cost of Money Factor 0.0993	Cost of Money \$0.0219	Income Tax Factor 0.0449	Income Tax \$0.0099	Plant Specific Factor 0.0000	Plant Specific Expense \$0.0000	Ad Valorem Factor 0.0116	Ad Valorem Expense \$0.0026	Direct Cost \$0.0344	Shared Cost Factor 0.0000	Shared Cost \$0.0000	TELRIC \$0.0344
Land - COE		10C	\$4.5351	0.0230	0.0780	\$0.3537	0.0352	\$0.1598	0.0037	\$0.0168	0.0116	\$0.0528	\$0.6874	0.0000	\$0.0000	\$0.6874
Buildings - COE		357C	\$33.4444	0.0909	0.0626	\$2.0922	0.0283	\$0.9451	0.0159	\$0.5318	0.0116	\$0.3894	\$6.9989	0.0000	\$0.0000	\$6.9989
Annual Total			<u>\$38.2002</u>										<u>\$7.7207</u>		<u>\$0.0000</u>	<u>\$7.7207</u>
Monthly Total (Annual Total / 12)															\$0.6434	\$0.6434

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Tennessee

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

Nonrecurring Cost Development

Tennessee
A 18.4 - Interface Unit - Interface DS1 to DS0 - Voice Grade Card

5/25/2000		A				B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
Function	JFC/ Payband	JFC/ Payband	Installation Worktimes	Disconnect Worktimes	Direct Labor	Additional	First	Additional	First	Additional	First	Additional	First	Additional	Discount Factor	Discounted Cost	First	Additional	Direct Cost
Engineering	341X	Nwk Plug in Admin (PCS)	0.0500	0.0500	\$36.75	0.0000	0.0000	\$18,375	\$0,000	\$0,000	\$0,000	\$0,000	0.8637	\$0,000	0.8637	\$0,000	\$1,837.5	\$1,837.5	
Connect & Test	431X	CO Install & Mice Field - Ckt & Fac	0.1000	0.0667	\$42.17	0.0000	0.0000	\$4,217.0	\$2,811.9	\$0,000	\$0,000	\$0,000	0.8637	\$0,000	0.8637	\$0,000	\$4,217.0	\$2,811.9	
																Total	6.0545	4.6493956	

Recurring Cost Summary

Tennessee
A.18.5 - Channelization - Channel System DS3 to DS1

5/25/2000

	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	\$193.3846	\$0.0000	\$193.3846			\$0.0000
Total Monthly Cost	\$193.3846	\$0.0000	\$193.3846	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor		X	1.0019		X	1.0019
Cost (including Gross Receipts Tax)			\$193.7520			\$0.0000
Common Cost Factor		X	1.1500		X	1.1500
Monthly Economic Cost			\$222.8148			\$0.0000

Total Monthly Economic Cost : \$222.8148

000036

**Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive**

Tennessee

A.18.5 - Channelization - Channel System DS3 to DS1

5/25/2000	A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF
				In-Plant Factors (Default = 1)							
				Plug-In							
				Inventory	Mat'l	Telco	Plug-In	Hardwire	In-Plant	Supporting	
				Factor	Factor	Factor	Factor	Factor	Investment	Equipment	
										&/or Power	
										Loading	
											Total
											Investment

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Tennessee

000038

**Recurring Cost Development
Volume Sensitive**

Tennessee															
A.18.5 - Channelization - Channel System DS3 to DS1															
5/25/2000	A=Prev Page Col A	B	C=(AxB)	D	E=(AxD)	F	G=(AxF)	H	I=(A x H)	J	K=(A x J)	L=(C+E+G+ I+K)	M	N=(A x M)	O=(L x N)
	FRC	Investment	Depreciation Factor	Cost of Money Factor	Cost of Money	Income Tax Factor	Income Tax	Plant Specific Factor	Plant Specific Expense	Ad Valorem Factor	Ad Valorem Expense	Direct Cost	Shared Cost Factor	Shared Cost	TELRIC
Land - COE	20C	\$63 1440	0.0000	0.0993	\$6 2702	0.0449	\$2 8323	0.0000	\$0 0000	0.0116	\$0 7352	\$9 8377	0.0000	\$0 0000	\$9 8377
Buildings - COE	10C	\$1,297 3219	0.0230	0.0780	\$101 1691	0.0352	\$45 6997	0.0037	\$4 8001	0.0116	\$15 1047	\$196 6422	0.0000	\$0 0000	\$196 6422
Diglt Circ - Other	357C	\$10,102 4816	0.0909	0.0626	\$631 9935	0.0283	\$285 4812	0.0159	\$160 6295	0.0116	\$117 6232	\$2,114 1348	0.0000	\$0 0000	\$2,114 1348
Annual Total		\$11,462 9475										\$2,320 6147		\$0 0000	\$2,320 6147
Monthly Total (Annual Total / 12)												\$193 3846		\$0 0000	\$193 3846

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Nonrecurring Cost Summary

Tennessee
A.18.5 - Channelization - Channel System DS3 to DS1

5/25/2000

Nonrecurring Cost

	<u>First</u>		<u>Additional</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Nonrecurring Cost Development Sheet Col H				
Total Cost	\$307.4418	\$0.0000	\$108.2602	\$0.0000
Gross Receipts Tax Factor	\$307.4418	\$0.0000	\$108.2602	\$0.0000
Cost (including Gross Receipts Tax)		X		X
Common Cost Factor				
		1.0019		1.0019
		\$308.0260		\$108.4658
		1.0000		1.0000
Nonrecurring Economic Cost	\$308.0260		\$108.4658	\$108.4658

000040

Nonrecurring Cost Development

Tennessee
A.18.5 - Channelization - Channel System DS3 to DS1

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D-AxC		E-BxC		F		G-ExF		H-DxG	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Service Order	SDWC	Systems Designer w/Sales Com	2 0000	0 0000	0 0000	0 0000	\$66 28	\$132 5600	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$132 5600	\$0 0000
Service Order	2300	Customer Point Of Contact - ICSC	0 0175	0 0175	0 0000	0 0000	\$42 09	\$0 7366	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$0 7366	\$0 7366
Service Order	4WXX	Work Management Center (WMC)	0 2500	0 0500	0 0000	0 0000	\$33 95	\$8 4875	\$1 6975	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$8 4875	\$1 6975
Service Order	2300	Customer Point Of Contact - ICSC	0 0125	0 0125	0 0000	0 0000	\$42 09	\$0 5261	\$0 5261	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$0 5261	\$0 5261
Engineering	470X	Circuit Provisioning Group (CPG)	0 9116	0 9116	0 0000	0 0000	\$36 25	\$33 0455	\$33 0455	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$33 0455	\$33 0455
Engineering	31XX	NWk & Eng Planning (FG20)	1 0000	0 1667	0 0000	0 0000	\$63 62	\$63 6200	\$10 6055	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$63 6200	\$10 6055
Engineering	341X	NWk Plug-In Admin (PIC3)	0 1855	0 0000	0 0000	0 0000	\$36 75	\$6 8171	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$6 8171	\$0 0000
Connect & Test	431X	CO Install & Mlce Field - Ctl & Fac	0 6000	0 6000	0 0000	0 0000	\$42 17	\$25 3020	\$25 3020	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$25 3020	\$25 3020
Connect & Test	471X	Acc Cust Advocate Cntr (ACAC)	0 9500	0 9500	0 0000	0 0000	\$38 26	\$36 3470	\$36 3470	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$36 3470	\$36 3470
Total																	307 441825	108 260154

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D-AxC		E-BxC		F		G-ExF		H-DxG	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Service Order	SDWC	Systems Designer w/Sales Com	2 0000	0 0000	0 0000	0 0000	\$66 28	\$132 5600	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$132 5600	\$0 0000
Service Order	2300	Customer Point Of Contact - ICSC	0 0175	0 0175	0 0000	0 0000	\$42 09	\$0 7366	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$0 7366	\$0 7366
Service Order	4WXX	Work Management Center (WMC)	0 2500	0 0500	0 0000	0 0000	\$33 95	\$8 4875	\$1 6975	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$8 4875	\$1 6975
Service Order	2300	Customer Point Of Contact - ICSC	0 0125	0 0125	0 0000	0 0000	\$42 09	\$0 5261	\$0 5261	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$0 5261	\$0 5261
Engineering	470X	Circuit Provisioning Group (CPG)	0 9116	0 9116	0 0000	0 0000	\$36 25	\$33 0455	\$33 0455	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$33 0455	\$33 0455
Engineering	31XX	NWk & Eng Planning (FG20)	1 0000	0 1667	0 0000	0 0000	\$63 62	\$63 6200	\$10 6055	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$63 6200	\$10 6055
Engineering	341X	NWk Plug-In Admin (PIC3)	0 1855	0 0000	0 0000	0 0000	\$36 75	\$6 8171	\$0 0000	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$6 8171	\$0 0000
Connect & Test	431X	CO Install & Mlce Field - Ctl & Fac	0 6000	0 6000	0 0000	0 0000	\$42 17	\$25 3020	\$25 3020	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$25 3020	\$25 3020
Connect & Test	471X	Acc Cust Advocate Cntr (ACAC)	0 9500	0 9500	0 0000	0 0000	\$38 26	\$36 3470	\$36 3470	\$0 0000	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$0 0000	\$36 3470	\$36 3470
Total																	307 441825	108 260154

000041

Recurring Cost Summary

Tennessee
A.18.6 - Interface Unit - Interface DS3 to DS1

5/25/2000

	<u>Volume Sensitive</u>			<u>Volume Insensitive</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Recurring Cost Devel. Sheets Cols L, N, & O	\$13.5337	\$0.0000	\$13.5337			\$0.0000
Total Monthly Cost	\$13.5337	\$0.0000	\$13.5337	\$0.0000	\$0.0000	\$0.0000
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$13.5594			\$0.0000
Common Cost Factor			1.1500			1.1500
Monthly Economic Cost			\$15.5933			\$0.0000

Total Monthly Economic Cost : \$15.5933

000042

**Investment Development (Excluding Land, Building, Pole, and Conduit)
Volume Sensitive**

Tennessee													
A.18.6 - Interface Unit - Interface DS3 to DS1													
5/25/2000	A	B	C=AxB	D1	D2	D3	D4	D5	E=Cx(D1xD2 x...xD5)	F	G=ExF		
				In-Plant Factors (Default = 1)						Supporting Equipment &/or Power		In-Plant Investment	Total Investment
				Plug-In Inventory Factor	Mat'l Factor	Telco Factor	Plug-In Factor	Hardwire Factor		Loading			
Digitl Circ - Other - C.O. - Hardwired - MCEP	Sub FRC 03	Material \$14,3500	Inflation Factor 0.9539	Adjusted Material \$13,6885								\$28,6253	\$30,3228
Digitl Circ - Other - C.O. - Def. Plug-in - MCEP With Sp. Stock	357C 09	\$555,6800	0.9539	\$530,0632	1.0000	1.0000	1.0000	1.0000		1.0593		\$605,0754	\$640,9564
Digitl Circ - Other - Prem - Combined - MCEP	357C 33	\$28,2019	0.9539	\$26,9018	1.0000	1.0000	1.0000	1.0000		1.0593		\$33,5573	\$35,5473

000043

Tennessee

000044

Recurring Cost Development
Volume Sensitive

Tennessee																
A.18.6 - Interface Unit - Interface DS3 to DS1																
5/25/2000	A=Prev Page Col A	B	C=(AxB)	D	E=(AXD)	F	G=(AXF)	H	I=(AXH)	J	K=(A×J)	L=(C+E+G+ I+K)	M	N=(A×M)	O=(L+N)	

000045

Nonrecurring Cost Summary

Tennessee
A.18.6 - Interface Unit - Interface DS3 to DS1

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$6.0545	\$0.0000	\$6.0545	\$4.6494	\$0.0000	\$4.6494
Total Cost	\$6.0545	\$0.0000	\$6.0545	\$4.6494	\$0.0000	\$4.6494
Gross Receipts Tax Factor		X	1.0019		X	1.0019
Cost (including Gross Receipts Tax)			\$6.0660			\$4.6582
Common Cost Factor		X	1.0000		X	1.0000
Nonrecurring Economic Cost			\$6.0660			\$4.6582

000046

Nonrecurring Cost Development

Tennessee
A.18.6 - Interface Unit - Interface DS3 to DS1

5/25/2000		A										B				C		D=AxC				E=BxC				F		G=ExF				H=DxG			
Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes		Disconnect Worktimes		Direct Labor Rate	Install Cost		Disconnect Cost		Discount Factor	Discounted Disconnect Cost		Direct Cost	Additional		Discount Factor	Discounted Disconnect Cost		Direct Cost	Additional		Discount Factor	Discounted Disconnect Cost		Direct Cost	Additional		Discount Factor	Discounted Disconnect Cost		Direct Cost	Additional	
			First	Additional	First	Additional		First	Additional	First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional
Engineering	341X	Nwk Plug-in Admin (PICS)	0.0500	0.0500	0.0000	0.0000	\$36.75	\$1,837.5	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$1,837.5	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$1,837.5	\$0.0000	\$0.0000
Connect & Test	431X	CO Install & Mica Field - Ckt & Fac	0.1000	0.0667	0.0000	0.0000	\$42.17	\$4,217.0	\$2,811.9	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$4,217.0	\$2,811.9	\$0.0000	0.8637	\$0.0000	\$0.0000	\$4,217.0	\$2,811.9	\$0.0000	0.8637	\$0.0000	\$0.0000	\$4,217.0	\$2,811.9	\$0.0000	0.8637	\$0.0000	\$4,217.0	\$2,811.9	\$0.0000	0.8637
																																</			

000047

Nonrecurring Cost Summary

Tennessee
A.18.10 - Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic

5/25/2000

Nonrecurring Cost

	<u>First</u>		<u>Additional</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Nonrecurring Cost Development Sheet Col H	\$20.3084	\$0.0000	\$9.7859	\$0.0000
Total Cost	\$20.3084	\$0.0000	\$9.7859	\$0.0000
Gross Receipts Tax Factor		X		X
Cost (including Gross Receipts Tax)				
Common Cost Factor		X		X
Nonrecurring Economic Cost	\$20.3470		\$9.8045	\$9.8045

000048

Tennessee
A.18.10 - Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic

[illegible]

Nonrecurring Cost Summary

Tennessee
A.18.11 - Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$20.3084	\$0.0000	\$20.3084	\$9.7859	\$0.0000	\$9.7859
Total Cost	\$20.3084	\$0.0000	\$20.3084	\$9.7859	\$0.0000	\$9.7859
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$20.3470			\$9.8045
Common Cost Factor			1.0000			1.0000
Nonrecurring Economic Cost			\$20.3470			\$9.8045

000050

A.18.11 - Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic Tennessee

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Discount Factor	Discounted Disconnect Cost		TELRIC Additional	
			First	Additional	First	Additional		First	Additional	First	Additional		First	Additional		
Service Order	2300	Customer Port Of Contact - ICSC	0.4825	0.2325	0.0000	0.0000	\$42.09	\$20.3084	\$9.7859	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$20.3084	\$9.7859
															20.308425	9.785925

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Nonrecurring Cost Summary

Tennessee
A.18.198 - Channelization - Channel System DS1 to DS0 - Testing

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$43.1363	\$0.0000	\$43.1363	\$43.1363	\$0.0000	\$43.1363
Total Cost	\$43.1363	\$0.0000	\$43.1363	\$43.1363	\$0.0000	\$43.1363
Gross Receipts Tax Factor			1.0019			1.0019
Cost (including Gross Receipts Tax)			\$43.2183			\$43.2183
Common Cost Factor			1.0000			1.0000
Nonrecurring Economic Cost			\$43.2183			\$43.2183

000052

Nonrecurring Cost Development

Tennessee
A.18.198 - Channelization - Channel System DS1 to DS0 - Testing

5/25/2000		A										B				C		D=AxC				E=BxC				F				G=ExF				H=DxG			
Function	Payband	JFC/	JFC/Payband	Installation		Disconnect		Direct Labor	Rate	Install Cost		Disconnect Cost		Discount Factor	Discounted Disconnect Cost		Discount Factor	Discounted Disconnect Cost		Direct Cost	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional	
				First	Additional	First	Additional			First	Additional	First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional		First	Additional
Testing	4WXX	471X	Work Management Center (WMC)	0.2000	0.2000	0.0000	0.0000	\$33.95	\$6,789.3	\$6,789.3	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$6,789.3	\$6,789.3	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$6,789.3	\$6,789.3
Testing			Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26	\$36,347.0	\$36,347.0	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$36,347.0	\$36,347.0	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$36,347.0	\$36,347.0	

Function	JFC/ Payband	JFC/Payband Description	Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate	Install Cost		Disconnect Cost		Disconnect Discount Factor	Discounted Disconnect Cost		TELRIC Additional	
			First	Additional	First	Additional		First	Additional	First	Additional					
Testing	4WXX	Work Management Center (WMC)	0.2000	0.2000	0.0000	0.0000	\$33.95	\$6,789.3	\$6,789.3	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$6,789.3	
Testing	471X	Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26	\$36,347.0	\$36,347.0	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$36,347.0	
														Total	43,136,321	

000053

Tennessee

A.18.199 - Channelization - Channel System DS1 to DS0 - Disconnect

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

Nonrecurring Cost Development

Tennessee
A 18 198 - Channelization - Channel System DS1 to DS0 - Disconnect

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		Direct Cost	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Service Order	2300	Customer Point Of Contact - ICSC	0.0000	0.0000	0.0175	0.0000	\$42.09	\$0.0000	\$0.0000	\$0.0000	\$0.7366	\$0.6361	0.8637	0.8637	\$0.6361	\$0.6361	\$0.6361	\$0.6361
Service Order	470X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0333	0.0000	\$36.25	\$0.0000	\$1.2071	\$0.0000	\$1.2071	\$1.0425	0.8637	0.8637	\$1.0425	\$1.0425	\$1.0425	\$1.0425
Service Order	471X	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.1800	0.1800	\$38.26	\$0.0000	\$6.8868	\$6.8868	\$6.8868	\$5.9478	0.8637	0.8637	\$5.9478	\$5.9478	\$5.9478	\$5.9478
Engineering	470X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0250	0.0250	\$36.25	\$0.0000	\$0.9063	\$0.9063	\$0.9063	\$0.7827	0.8637	0.8637	\$0.7827	\$0.7827	\$0.7827	\$0.7827
Connect & Test	431X	CO Install & Mice Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	\$42.17	\$0.0000	\$7.0297	\$7.0297	\$7.0297	\$6.0713	0.8637	0.8637	\$6.0713	\$6.0713	\$6.0713	\$6.0713
Total																	14.48042602	13.43788907

Function	JFC/ Payband	JFC/ Payband Description	A		B		C		D=AxC		E=BxC		F		G=ExF		H=DxG	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate		Install Cost		Disconnect Cost		Disconnect Discount Factor		Discounted Disconnect Cost		Direct Cost	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
Service Order	2300	Customer Point Of Contact - ICSC	0.0000	0.0000	0.0175	0.0000	\$42.09	\$0.0000	\$0.0000	\$0.0000	\$0.7366	\$0.6361	0.8637	0.8637	\$0.6361	\$0.6361	\$0.6361	\$0.6361
Service Order	470X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0333	0.0000	\$36.25	\$0.0000	\$1.2071	\$0.0000	\$1.2071	\$1.0425	0.8637	0.8637	\$1.0425	\$1.0425	\$1.0425	\$1.0425
Service Order	471X	Acc Cust Advocate Cntr (ACAC)	0.0000	0.0000	0.1800	0.1800	\$38.26	\$0.0000	\$6.8868	\$6.8868	\$6.8868	\$5.9478	0.8637	0.8637	\$5.9478	\$5.9478	\$5.9478	\$5.9478
Engineering	470X	Circuit Provisioning Group (CPG)	0.0000	0.0000	0.0250	0.0250	\$36.25	\$0.0000	\$0.9063	\$0.9063	\$0.9063	\$0.7827	0.8637	0.8637	\$0.7827	\$0.7827	\$0.7827	\$0.7827
Connect & Test	431X	CO Install & Mice Field - Ckt & Fac	0.0000	0.0000	0.1667	0.1667	\$42.17	\$0.0000	\$7.0297	\$7.0297	\$7.0297	\$6.0713	0.8637	0.8637	\$6.0713	\$6.0713	\$6.0713	\$6.0713
Total																	14.48042602	13.43788907

000055

Nonrecurring Cost Summary

Tennessee
A.18.298 - Interface Unit - Interface DS1 to DS0 - OCU-DP Card - Testing

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$6.3255	\$0.0000	\$6.3255	\$4.2178	\$0.0000	\$4.2178
Total Cost	\$6.3255	\$0.0000	\$6.3255	\$4.2178	\$0.0000	\$4.2178
Gross Receipts Tax Factor		X	1.0019		X	1.0019
Cost (including Gross Receipts Tax)			\$6.3375			\$4.2259
Common Cost Factor		X	1.0000		X	1.0000
Nonrecurring Economic Cost			\$6.3375			\$4.2259

000056

5/25/2000

000057

Tennessee

A.18.398 - Interface Unit - Interface DS1 to DS0 - BRITE Card - Testing

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

Tennessee
A.18.398 - Interface Unit - Interface DS1 to DS0 - BRITE Card - Testing

000059

Nonrecurring Cost Summary

Tennessee
A.18.498 - Interface Unit - Interface DS1 to DS0 - Voice Grade Card - Testing

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$6.3255	\$0.0000	\$6.3255	\$4.2178	\$0.0000	\$4.2178
Total Cost	\$6.3255	\$0.0000	\$6.3255	\$4.2178	\$0.0000	\$4.2178
Gross Receipts Tax Factor		X	1.0019		X	1.0019
Cost (including Gross Receipts Tax)			\$6.3375			\$4.2259
Common Cost Factor		X	1.0000		X	1.0000
Nonrecurring Economic Cost			\$6.3375			\$4.2259

000060

5/25/2000

000061

Nonrecurring Cost Summary

Tennessee
A.18.598 - Channelization - Channel System DS3 to DS1 - Testing

5/25/2000

Nonrecurring Cost

	<u>First</u>			<u>Additional</u>		
	Direct Cost	Shared Cost	TELRIC	Direct Cost	Shared Cost	TELRIC
Nonrecurring Cost Development Sheet Col H	\$74.3000	\$0.0000	\$74.3000	\$74.3000	\$0.0000	\$74.3000
Total Cost	\$74.3000	\$0.0000	\$74.3000	\$74.3000	\$0.0000	\$74.3000
Gross Receipts Tax Factor		X	1.0019		X	1.0019
Cost (including Gross Receipts Tax)			\$74.4412			\$74.4412
Common Cost Factor		X	1.0000		X	1.0000
Nonrecurring Economic Cost			\$74.4412			\$74.4412

000062

Nonrecurring Cost Development

Tennessee
A.18.598 - Channelization - Channel System DS3 to DS1 - Testing

Function	JFC/ Payband	JFC/ Payband Description	A		B		C	D=AxC		E=BxC		F	G=ExF		H=DxG	
			First	Additional	First	Additional	Direct Labor Rate	First	Additional	First	Additional	Discount Factor	First	Additional	First	Additional
Testing	431X	CO Install & Mice Field - Ch & Fac	0.9000	0.9000	0.0000	0.0000	\$42.17	\$37,953.00	\$37,953.00	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$37,953.00	\$37,953.00
Testing	471X	Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26	\$36,347.00	\$36,347.00	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$36,347.00	\$36,347.00
															74.3	74.3
															Total	

Function	JFC/ Payband	JFC/ Payband Description	A		B		C	D=AxC		E=BxC		F	G=ExF		H=DxG	
			First	Additional	First	Additional	Direct Labor Rate	First	Additional	First	Additional	Discount Factor	First	Additional	First	Additional
Testing	431X	CO Install & Mice Field - Ch & Fac	0.9000	0.9000	0.0000	0.0000	\$42.17	\$37,953.00	\$37,953.00	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$37,953.00	\$37,953.00
Testing	471X	Acc Cust Advocate Cntr (ACAC)	0.9500	0.9500	0.0000	0.0000	\$38.26	\$36,347.00	\$36,347.00	\$0.0000	\$0.0000	0.8637	\$0.0000	\$0.0000	\$36,347.00	\$36,347.00
															74.3	74.3
															Total	

000063

Tennessee
A.18.599 - Channelization - Channel System DS3 to DS1 - Disconnect

Nonrecurring Cost

Nonrecurring Economic Cost

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Tennessee
A.18.698 - Interface Unit - Interface DS3 to DS1 - Testing

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

Nonrecurring Cost Development

Tennessee																	
A 18 698 - Interface Unit - Interface DS3 to DS1 - Testing																	
Function	JFC/ Payband	JFC/Payband Description	A		B		C	D=AxC		E=BxC		F	G=ExF		H=DxG		
			Installation Worktimes		Disconnect Worktimes	Direct Labor Rate		Install Cost	Disconnect Cost	Discounted Disconnect Cost							
			First	Additional			First				Additional	First	Additional	First	Additional	First	Additional
Testing	431X	CO Install & Mice Field - Ckt & Fac	0 1500	0 1000	0 0000	\$42 17	\$6 3255	\$4 2178	\$0 0000	\$0 0000	0 8637	\$0 0000	\$0 0000	\$6 3255	\$4 2178	6 3255	4 2178434
																	Total
																	4 2178434
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A.18.1099 - Channelization - Channel System DS1 to DS0 - Incremental Cost - Manual Svc. Order vs. Electronic - Disconnect Tennessee

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

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1

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Nonrecurring Cost Summary

Tennessee
A.18.1199 - Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic - Disconnect

5/25/2000

Nonrecurring Cost

	<u>First</u>		<u>Additional</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Nonrecurring Cost Development Sheet Col H	\$11.4688	\$0.0000	\$1.1814	\$0.0000
Total Cost	\$11.4688	\$0.0000	\$1.1814	\$0.0000
Gross Receipts Tax Factor		X		X
Cost (including Gross Receipts Tax)	\$11.4906		\$1.1837	
Common Cost Factor		X		X
Nonrecurring Economic Cost	\$11.4906		\$1.1837	

000070

Nonrecurring Cost Development

Tennessee																		
A 18 1199 - Channelization - Channel System DS3 to DS1 - Incremental Cost - Manual Svc. Order vs. Electronic - Disconnect																		
Function Service Order	JFC/ Payband 2300	JFC/Payband Description Customer Point Of Contact - ICSC	A		B		C		D=AvC		E=BxC		F		G=ExF		H=DxG	
			Installation Worktimes		Disconnect Worktimes		Direct Labor Rate		Install Cost		Disconnect Cost		Discount Factor		Discounted Disconnect Cost		TELRIC	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
			0.0000	0.0000	0.3155	0.0325	\$42.09	\$0.0000	\$0.0000	\$0.0000	\$13.2794	\$1.1814	0.8637	\$11.4688	\$1.1814	\$11.4688	\$1.1814	
															Total	11.4687734	1.18142325	
Function Service Order	JFC/ Payband 2300	JFC/Payband Description Customer Point Of Contact - ICSC	A		B		C		D=AvC		E=BxC		F		G=ExF		TELRIC	
			Installation Worktimes		Disconnect Worktimes		TELRIC Labor Rate		Install Cost		Disconnect Cost		Discount Factor		Discounted Disconnect Cost		TELRIC	
			First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional	First	Additional
			0.0000	0.0000	0.3155	0.0325	\$42.09	\$0.0000	\$0.0000	\$0.0000	\$13.2794	\$1.1814	0.8637	\$11.4688	\$1.1814	\$11.4688	\$1.1814	
															Total	11.4687734	1.18142325	

000071

Nonrecurring Cost Summary

Tennessee
P.17.1 - Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is

5/25/2000

Nonrecurring Cost

	<u>First</u>		<u>Additional</u>	
	Direct Cost	Shared Cost	Direct Cost	Shared Cost
Nonrecurring Cost Development Sheet Col H				
Total Cost	\$52.6325	\$0.0000	\$24.5711	\$0.0000
Gross Receipts Tax Factor	\$52.6325		\$24.5711	
Cost (including Gross Receipts Tax)		X		X
Common Cost Factor				
		1.0019		1.0019
		\$52.7325		\$24.6178
		1.0000		1.0000
Nonrecurring Economic Cost		\$52.7325		\$24.6178

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Nonrecurring Cost Development

Tennessee
P.17.1 - Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is

Function	JFC/ Payband	JFC/ Payband Description	A			B			C			D=A+C			E=B+C			F			G=E+F			H=D+G		
			Installation Worktimes			Disconnect Worktimes			Direct Labor			Install Cost			Disconnect Cost			Disconnect Discount Factor			Discounted Disconnect Cost			Direct Cost		
			First	Additional	0.0000	First	Additional	0.0000	Rate	First	Additional	First	Additional	0.0000	First	Additional	0.0000	0.8637	0.8637	0.0000	First	Additional	0.0000	First	Additional	0.0000
Connect & Test Service Order	431X 2300	CO Install & Mica Field - Ch & Fac Customer Point Of Contact - ICSC	1.0000	0.2500	0.3333	0.0000	0.0000	0.0000	\$42.17	\$42.09	\$10.5425	\$42.0900	\$10.5425	\$14.0286	\$0.0000	\$0.0000	\$0.0000	0.8637	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$42.0900	\$14.0286
																								\$2.6325	\$24.571097	

Function	JFC/ Payband	JFC/ Payband Description	A			B			C			D=A+C			E=B+C			F			G=E+F			H=D+G		
			Installation Worktimes			Disconnect Worktimes			Direct Labor			Install Cost			Disconnect Cost			Disconnect Discount Factor			Discounted Disconnect Cost			Direct Cost		
			First	Additional	0.0000	First	Additional	0.0000	Rate	First	Additional	First	Additional	0.0000	First	Additional	0.0000	0.8637	0.8637	0.0000	First	Additional	0.0000	First	Additional	0.0000
Connect & Test Service Order	431X 2300	CO Install & Mica Field - Ch & Fac Customer Point Of Contact - ICSC	1.0000	0.2500	0.3333	0.0000	0.0000	0.0000	\$42.17	\$42.09	\$10.5425	\$42.0900	\$10.5425	\$14.0286	\$0.0000	\$0.0000	\$0.0000	0.8637	0.8637	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$42.0900	\$14.0286
																								\$2.6325	\$24.571097	

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p.17.199 - Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch -As-Is - Disconnect

Nonrecurring Cost

Nonrecurring Economic Cost

Page 1

Nonrecurring Cost Development

Tennessee
P.17.199 - Nonrecurring Cost for Extended Loop or Local Channel and Interoffice Combination Switch - As-Is - Disconnect

Function	Payband	JFC/ Payband	JFC/ Payband Description	A		B		C		D-AxC		E-BxC		F		G-ExF		H-DxG	
				Installation Worktimes	First	Additional	First	Additional	Direct Labor Rate	Install Cost	First	Additional	First	Additional	Discount Factor	Discounted Disconnect Cost	First	Additional	Direct Cost
Connect & Test	431X	CO Initial & Misc Field: Ckt & Fac		0.0000	0.0000	0.0000	0.2500	0.2500	\$42.17	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$10.5425	0.8637	\$9.1051	\$9.1051	\$9.1051	\$9.1051
				First	0.0000	0.0000	0.2500	0.2500	\$42.17	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$10.5425	0.8637	\$9.1051	\$9.1051	\$9.1051	\$9.1051
				Additional	0.0000	0.0000	0.2500	0.2500											
				Total	0.0000	0.0000	0.2500	0.2500											

Function	Payband	JFC/ Payband	JFC/ Payband Description	A		B		C		D-AxC		E-BxC		F		G-ExF		H-DxG	
				Installation Worktimes	First	Additional	First	Additional	TELRIC Labor Rate	Install Cost	First	Additional	First	Additional	Discount Factor	Discounted Disconnect Cost	First	Additional	Direct Cost
Connect & Test	431X	CO Initial & Misc Field: Ckt & Fac		0.0000	0.0000	0.0000	0.2500	0.2500	\$42.17	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$10.5425	0.8637	\$9.1051	\$9.1051	\$9.1051	\$9.1051
				First	0.0000	0.0000	0.2500	0.2500	\$42.17	\$0.0000	\$0.0000	\$0.0000	\$10.5425	\$10.5425	0.8637	\$9.1051	\$9.1051	\$9.1051	\$9.1051
				Additional	0.0000	0.0000	0.2500	0.2500											
				Total	0.0000	0.0000	0.2500	0.2500											

000075

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 01/1997-12/1999										
4											
5											
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											
26											

Sheet Name:

Index

Investments

Additives_Recurring

Additives_Nonrecurring

Recurring Labor

Nonrecurring Labor

INPUT

INPUT_NRC

WP200

WP300

WP301

Description:

1 TO 0 CHANNELIZATION

CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA

CALCULATOR INPUT FORM - RECURRING EXPENSES DATA

CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA

CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA

CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES

Inputs-Utilized Material Prices

Non Recurring Labor

SUMMARY DSG1 & DSG2

Design - A

Design - B

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1 TO 0 CHANNELIZATION

BellSouth Telecommunications, Inc.

A	B	C	D	E	F	G	H	I	J
1	CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA								
2									
3	Instructions:								
4	1. Use this worksheet to record material and/or investments to be input into the								
5	Calculator calculations.								
6	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).								
7	3. Input data, by Cost Element, leaving no blank lines. On next row								
8	after last line of data, type END in Cost Element Column.								
9	4. All data on this form should be cell-referenced to study workpapers.								
10	5. Do NOT change columns, headings, sheet name.								
11									
12									
13									
14	<u>State</u>	<u>Cost</u>	<u>Sub</u>	<u>Volume</u>	<u>Volume</u>				
15	TN	A.18.1	FRC	Sensitive	Insensitive				
16	TN	A.18.1	03	\$ Amount	\$ Amount				
17	TN	A.18.1	06	1,242.430	585.120				
18	TN	A.18.1	33	288.841	2.727				
19	TN	A.18.2	03	51.000	2.727				
20	TN	A.18.3	09	109.500	2.727				
21	TN	A.18.3	03	2.727	24.000				
22	TN	A.18.4	09						
23	TN	A.18.4	03						
24		END	09						
25									

000077

A	B	C	D	E	F	G	H
CALCULATOR INPUT FORM - RECURRING EXPENSES DATA							
1	Instructions:						
2	1. Use this worksheet to record recurring non-labor expenses to be input into the						
3	Calculator calculations.						
4	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
5	3. Input data, by Cost Element, leaving no blank lines. On next row						
6	after last line of data, type END in Cost Element Column.						
7	4. All data on this form should be cell-referenced to study workpapers.						
8	5. Do NOT change columns, headings, sheet name.						
9							
10							
11							
12							
13							
14							
15							
16							
17	<u>State</u>	<u>Cost</u>	<u>Recurring</u>	<u>Recurring</u>			
18	TN	<u>Element #</u>	<u>Expense Description</u>	<u>Volume</u>			
19			<u>(Limited to 25 characters)</u>	<u>Sensitive</u>			
20				<u>\$ Amount</u>			
21							
22							
23							
24							
25							
26							
27							
28	Maximum 10 entries per Cost Element #						
29							
30							

	A	B	C	D	E	F	G	H
1	CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA							
2								
3	Instructions:							
4	1. Use this worksheet to record recurring expensed labor times to be input into the							
5	Calculator calculations.							
6	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).							
7	3. Input data, by Cost Element, leaving no blank lines. On next row							
8	after last line of data, type END in Cost Element Column.							
9	4. All data on this form should be cell-referenced to study workpapers.							
10	5. Do NOT change columns, headings, sheet name.							
11								
12								
13								
14								
15	State	Cost	Labor Expense Description	JFC/	Work Time (Hours)	Volume	Volume	Insensitive
16	TN	Element #	(Limited to 25 characters)	Payband	Sensitive	Insensitive		
17								
18								
19								
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								
31								
32								
33								
34								
35								
36								
37								
38								

Maximum 20 entries per Cost Element #

030000

000081

A												
		B	C	D	E	F	G	H	I			
1	Tennessee											
2	Inputs-Utilized Material Prices											
3	Study Period: 01/1997-12/1999											
4												
5	Element #: A.18.1-A.18.1099											
6	Item/Description											
7	Description		FRC	SubFRC	Source	Amount	Adjustment Factor	Adjusted Material	Design A	Design B		
8	DSX-1 Panel Termination @DS1		357C	03	PPS &M	\$ 14.3500			1	1		
9												
10												
11	Narrow Band-DCS @ DS1 Level (One Port)-Lucent		357C	33	DS1 Price Calculator			\$ 738.6700		2		
12	Narrow Band-DCS @ DS1 Level (One Port)-Tellabs		357C	33	DS1 Price Calculator			\$ 1,121.4700		2		
13	Narrow Band-DCS @ DS1 Level (One Port)-DSC		357C	33	DS1 Price Calculator			\$ 1,484.0900		2		
14												
15	Narrow Band-DCS @ DS0 Level (One Port)-Lucent		357C	33	DS1 Price Calculator			\$ 30.7800				
16	Narrow Band-DCS @ DS0 Level (One Port)-Tellabs		357C	33	DS1 Price Calculator			\$ 46.7300				
17	Narrow Band-DCS @ DS0 Level (One Port)-DSC		357C	33	DS1 Price Calculator			\$ 61.8400				
18												
19	D4 Channel Bank @ DS0 (Hardwired/non-utilized)		357C	03	DS1 Price Calculator	\$ 51.1700			24	24		
20	D4 Channel Bank @ DS0 (Commons/non-utilized)		357C	06	DS1 Price Calculator	\$ 24.3800			24	24		
21												
22	Plug-In (OCU DP)		357C	09	PPS &M	\$ 51.0000			1	1		
23	Plug-In (Brite Card)		357C	09	PPS &M	\$ 109.5000			1	1		
24	Plug-In (Voice Grade)		357C	09	PPS &M	\$ 24.0000			1	1		
25												
26	Probability of Design A				Network	81.0%						
27	Probability of Design B				Network	19.0%						
28	Probability of Design C				Network	0.0%						
29												
30	Narrow Band-DCS Vendor Mix -- Lucent				Network	94.4%						
31	Narrow Band-DCS Vendor Mix -- Tellabs				Network	5.6%						
32	Narrow Band-DCS Vendor Mix -- DSC				Network	0.0%						

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	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Non Recurring Labor										
3	Study Period: 01/1997-12/1999										
4											
5	Element #: A.18.1-A.18.1099										
6	Item/Description	Description	JFC/JG/WS	Source	First Install Time Hrs	First Disconnect Time Hrs	Additional Install Time Hrs	Additional Disconnect Time Hrs			
7	Work Group										
8	LCSC Mechanized	Service Order	2300	Network	0.0175	0.0175	0.0175	0.0175			
9	Circuit Provisioning Group (CPG)	Service Order	470X	Network	0.1333	0.0333	0.0000	0.0000			
10	Work Management Center (WMC)	Service Order	4WXX	Network	0.2500	0.0000	0.0500	0.0000			
11	Ntwk & Eng Planning (FG20)	Service Order	31XX	Network	1.0000	0.0000	0.1667	0.0000			
12	LCSC Manual	Service Order	2300	Network	0.4825	0.3155	0.2325	0.0325			
13	Acc Cust Advocate Cntr (UNEC)	Service Order	471X	Network	0.0600	0.1800	0.0600	0.1800			
14	Circuit Provisioning Group (CPG)	Engineering	470X	Network	0.4917	0.0250	0.4917	0.0250			
15	Network Plug-in Administration (PICS)	Engineering	341X	Network	0.0500	0.0000	0.0500	0.0000			
16				Network							
17		Connect & Test	431X	Network	0.1333	0.1667	0.1333	0.1667			
18	Acc Cust Advocate Cntr (UNEC)	Connect & Test	471X	Network	0.9500	0.0000	0.9500	0.0000			
19											
20											
21											
22											
23	Acc Cust Advocate Cntr (UNEC)	Testing	431X	Network	0.2000	0.0000	0.2000	0.0000			
24	Acc Cust Advocate Cntr (UNEC)	Testing	471X	Network	0.9500	0.0000	0.9500	0.0000			
25											
26	Feature Activation										
27											
28	Network Plug-in Administration (PICS)	Engineering	341X	Network	0.0500	0.0000	0.0500	0.0000			
29											
30	CO Install & Mtce Field - Ckt & Fac	Connect & Test	431X	Network	0.1000	0.0000	0.0667	0.0000			
31	CO Install & Mtce Field - Ckt & Fac	Testing	431X	Network	0.1500	0.0000	0.1000	0.0000			
32											
33											
34											
35											
36											
37											
38											

Maximum of 25 entries per Cost Element #

000083

	A	B	C	D	E	F	G	H
1	Tennessee							
2	SUMMARY DSG1 & DSG2							
3	Study Period: 01/1997-12/1999							
4								
5	Element #: A.18.1-A.18.1099							
6	Item/Description							
7	Description	FRC	SubFRC	SubFRC	SubFRC	SubFRC	Source	
8								
9	Channel System							
10		357C	03	06	09	33		
11								
12	Design A		\$1,006.368	\$ 473.947			WP300	Ln21 & Ln22
13	Design B		\$ 236.062	\$ 111.173		\$ 288.841	WP301	Ln29 + Ln30 + Ln31
14								
15								
16	Total Channel System		\$1,242.430	\$ 585.12	0	\$ 288.84	Ln12 + Ln13	
17								
18								
19	Interface							
20		357C	03	06	09	33		
21								
22	Design A -- OCUDP				\$ 41.310		WP300	Ln37
23	Design B -- OCUDP		\$ 2.727		\$ 9.690		WP301	Ln50 & Ln51
24	Design A -- BRITE Card				\$ 88.695		WP300	Ln38
25	Design B -- BRITE Card		\$ 2.727		\$ 20.805		WP301	Ln53 & Ln54
26	Design A -- Voice Grade				\$ 19.440		WP300	Ln39
27	Design B -- Voice Grade		\$ 2.727		\$ 4.560		WP301	Ln56 & Ln57
28								
29								
30	Total Interface -- OCUDP		\$ 2.727	0	\$ 51.000	0	Ln22 + Ln23	
31	Total Interface -- BRITE Card		\$ 2.727	0	\$109.500	0	Ln24 + Ln25	
32	Total Interface -- Voice Grade		\$ 2.727	0	\$ 24.000	0	Ln26 + Ln27	

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	A	B	C	D	E	F	G
1	Tennessee						
2	Design - A						
3	Study Period: 01/1997-12/1999						
4							
5	Element #: A.18.1-A.18.1099						
6	Item/Description						Total
7	Description	FRC	SubFRC	Source	Quantity	Amount	Material
8	D4 Channel Bank @ DS0 (Hardwired/non-utiliz	357C	03	Inputs Ln19	24	\$ 51.17	\$ 1,228.080
9							
10	D4 Channel Bank @ DS0 (Commons/non-utiliz	357C	06	Inputs Ln20	24	\$ 24.38	\$ 585.120
11							
12	DSX-1 Panel Termination @DS1	357C	03	Inputs Ln8	1	\$ 14.35	\$ 14.350
13							
14							
15	Total Channel System by FRC - Design 1	357C	03	Ln8 + Ln12			\$ 1,242.430
16		357C	06	Ln10			\$ 585.120
17							
18							
19	Probability of Occurrence - Design A		81%	Inputs Ln26			
20							
21	Total Weighted Channel System Dsg A	357C	03	Ln15 * Ln19			\$ 1,006.368
22		357C	06	Ln16 * Ln19			\$ 473.947
23							
24							
25							
26							
27	Interface						
28							
29	Plug-In (OCU_DP)	357C	09	Inputs Ln22	1	\$ 51.00	\$ 51.000
30	Plug-In (Brite Card)	357C	09	Inputs Ln23	1	\$ 109.50	\$ 109.500
31	Plug-In (Voice Grade)	357C	09	Inputs Ln24	1	\$ 24.00	\$ 24.000
32							
33							
34	Probability of Occurrence - Design A		81%	Inputs Ln26			
35							
36	Total Weighted Interface by FRC - Design A						
37	Plug-In (OCU_DP)	357C	09	Ln34 * Ln29			\$ 41.310
38	Plug-In (Brite Card)	357C	09	Ln34 * Ln30			\$ 88.695
39	Plug-In (Voice Grade)	357C	09	Ln34 * Ln31			\$ 19.440

000085

	A	B	C	D	E	F	G
1	Tennessee						
2	Design - B						
3	Study Period: 01/1997-12/1999						
4							
5	Element #: A.18.1-A.18.1099						
6	Item/Description						Total
7	Description	FRC	SubFRC	Source	Quantity	Amount	Material
8							
9	D4 Channel Bank @ DS0 (Hardwired/non-utilized)	357C	03	Inputs Ln19	24	\$ 51.17	\$1,228.080
10							
11	D4 Channel Bank @ DS0 (Commons/non-utilized)	357C	06	Inputs Ln20	24	\$ 24.38	\$ 585.120
12							
13	DSX-1 Panel Termination @DS1	357C	03	Inputs Ln8	1	\$ 14.35	\$ 14.350
14							
15	Narrow Band-DCS @ DS1 Level (One Port)-Lucen	357C	33	Inputs Ln11	2	\$ 738.67	\$1,477.340
16							
17	Narrow Band-DCS @ DS1 Level (One Port)-Tellab	357C	33	Inputs Ln12	2	\$1,121.47	\$2,242.940
18							
19	Narrow Band-DCS @ DS1 Level (One Port)-DSC	357C	33	Inputs Ln13	2	\$1,484.09	\$2,968.180
20							
21							
22	Vendor Mix						
23		LUCENT	94.4%	Ln15 * Ln23			\$1,394.609
24		TELLABS	5.6%	Ln17 * Ln24			\$ 125.605
25		DSC	0.0%	Ln19 * Ln25			\$ -
26							
27	Probability of Occurrence - Design B	19%		Inputs Ln27			
28							
29	Weighted Material by FRC - Design B	357C	03	(Ln9 + Ln13) * Ln27			\$ 236.062
30		357C	06	Ln11 * Ln27			\$ 111.173
31		357C	33	(Ln23 + Ln24 + Ln25) * Ln27			\$ 288.841
32							
33							
34	Interface						
35							
36	DSX-1 Panel Termination @DS1	357C	03	Inputs Ln8	1	\$ 14.350	\$ 14.350
37							
38	Plug-In (OCU_DP)	357C	09	Inputs Ln22	1	\$ 51.000	\$ 51.000
39							
40	Plug-In (Brite Card)	357C	09	Inputs Ln23	1	\$ 109.500	\$ 109.500
41							
42	Plug-In (Voice Grade)	357C	09	Inputs Ln24	1	\$ 24.000	\$ 24.000
43							
44							
45							
46	Probability of Occurrence - Design B	19%		Inputs Ln27			
47							
48							
49	Weighted Material by FRC - Design B						
50	Plug-In (OCU_DP)	357C	09	Ln38 * Ln46			\$ 9.690
51		357C	03	Ln36 * Ln46			\$ 2.727
52							
53	Plug-In (Brite Card)	357C	09	Ln40 * Ln46			\$ 20.805
54		357C	03	Ln36 * Ln46			\$ 2.727
55							
56	Plug-In (Voice Grade)	357C	09	Ln42 * Ln46			\$ 4.560
57		357C	03	Ln36 * Ln46			\$ 2.727

000086

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 01/1997-12/1999										
4											
5											
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26											

Sheet Name:

Index

Investments

Additives_Recurring

Additives_Nonrecurring

Recurring Labor

Nonrecurring Labor

INPUT

INPUT_NRC

WP200

WP300

WP301

Description:

3 to 1 Channelization

CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA

CALCULATOR INPUT FORM - RECURRING EXPENSES DATA

CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA

CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA

CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES

Inputs-Utilized Material Prices

Non Recurring Labor

SUMMARY DSG1 & DSG2

Design - 1

Design - 2

000087

	A	B	C	D	E	F	G	H	I	J
1	CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA									
2										
3	Instructions:									
4	1. Use this worksheet to record material and/or investments to be input into the									
5	Calculator calculations.									
6	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).									
7	3. Input data, by Cost Element, leaving no blank lines. On next row									
8	after last line of data, type END in Cost Element Column.									
9	4. All data on this form should be cell-referenced to study workpapers.									
10	5. Do NOT change columns, headings, sheet name.									
11										
12										
13										
14	<u>State</u>	<u>Cost</u>	<u>Element #</u>	<u>Sub</u>	<u>Volume</u>	<u>Volume</u>				
15	TN		A.18.5	357C	FRC	03	\$	737.818	<u>\$ Amount</u>	
16	TN		A.18.5	357C	FRC	06	\$	7,360.000	<u>\$ Amount</u>	
17	TN		A.18.5	357C	FRC	33	\$	424.617	<u>\$ Amount</u>	
18	TN		A.18.6	357C	FRC	03	\$	14.350	<u>\$ Amount</u>	
19	TN		A.18.6	357C	FRC	09	\$	555.680	<u>\$ Amount</u>	
20	TN		A.18.6	357C	FRC	33	\$	28.202	<u>\$ Amount</u>	
21			END							
22										
23										
24										
25										

0000088

A	B	C	D	E	F	G	H
1	CALCULATOR INPUT FORM - RECURRING EXPENSES DATA						
2	Instructions:						
3	1. Use this worksheet to record recurring non-labor expenses to be input into the						
4	Calculator calculations.						
5	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
6	3. Input data, by Cost Element, leaving no blank lines. On next row						
7	after last line of data, type END in Cost Element Column.						
8	4. All data on this form should be cell-referenced to study workpapers.						
9	5. Do NOT change columns, headings, sheet name.						
10							
11							
12							
13							
14							
15							
16							
17	<u>State</u>	<u>Cost</u>	<u>Recurring</u>	<u>Recurring</u>			
18	<u>TN</u>	<u>Element #</u>	<u>Expense Description</u>	<u>Volume</u>	<u>Volume</u>		
19			<u>(Limited to 25 characters)</u>	<u>Sensitive</u>	<u>Insensitive</u>		
20				<u>\$ Amount</u>	<u>\$ Amount</u>		
21							
22							
23							
24							
25							
26							
27							
28	Maximum 10 entries per Cost Element #						
29							
30							

A	B	C	D	E	F	G	H
CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA							
1	Instructions:						
2	1. Use this worksheet to record nonrecurring non-labor expenses to be input into the Calculator calculations.						
3	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
4	3. Input data, by Cost Element, leaving no blank lines. On next row						
5	after last line of data, type END in Cost Element Column.						
6	4. All data on this form should be cell-referenced to study workpapers.						
7	5. Do NOT change columns, headings, sheet name.						
8	6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
9	and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
10							
11							
12							
13							
14							
15							
16	<u>State</u>	<u>Cost</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>
17	<u>Element #</u>	<u>Expense Description</u>	<u>First</u>	<u>Additional</u>	<u>Initial</u>	<u>Subsequent</u>	
18		<u>(Limited to 25 characters)</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	
19							
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29							
30							

Maximum 10 entries per Cost Element #

00000000

	A	B	C	D	E	F	G	H
1	CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA							
2								
3	Instructions:							
4	1. Use this worksheet to record recurring expensed labor times to be input into the							
5	Calculator calculations.							
6	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).							
7	3. Input data, by Cost Element, leaving no blank lines. On next row							
8	after last line of data, type END in Cost Element Column.							
9	4. All data on this form should be cell-referenced to study workpapers.							
10	5. Do NOT change columns, headings, sheet name.							
11								
12								
13								
14								
15	<u>State</u>	<u>Cost</u>	<u>Labor Expense Description</u>	<u>JFC/</u>	<u>Volume</u>	<u>Volume</u>	<u>Insensitive</u>	
16	TN	<u>Element #</u>	<u>(Limited to 25 characters)</u>	<u>Payband</u>	<u>Sensitive</u>	<u>Insensitive</u>		
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Maximum 20 entries per Cost Element #

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CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES																																																																																																																																																																																																																																																																																																																																			
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6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.																																																																																																																																																																																																																																																																																																																																			
7. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.																																																																																																																																																																																																																																																																																																																																			
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<table border="1"> <thead> <tr> <th>State</th> <th>Cost Element #</th> <th>Cost Element Life (Mo)</th> <th>Labor Expense Description (Limited to 25 characters)</th> <th>JFC/ Payband</th> <th>(For use w/ one NR)</th> <th>First Installation Time (Hours)</th> <th>First Disconnect Time (Hours)</th> <th>Additional Installation Time (Hours)</th> <th>Additional Disconnect Time (Hours)</th> <th>Initial Installation Time (Hours)</th> <th>Initial Disconnect Time (Hours)</th> <th>Subsequent Installation Time (Hours)</th> <th>Subsequent Disconnect Time (Hours)</th> </tr> </thead> <tbody> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Service Order</td> <td>SDWC</td> <td></td> <td>2.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Service Order</td> <td>2300</td> <td></td> <td>0.0175</td> <td>0.0000</td> <td>0.0175</td> <td>0.0000</td> <td>0.0175</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Service Order</td> <td>4WXX</td> <td></td> <td>0.2500</td> <td>0.0000</td> <td>0.0500</td> <td>0.0000</td> <td>0.0500</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Service Order</td> <td>2300</td> <td></td> <td>0.0125</td> <td>0.0000</td> <td>0.0125</td> <td>0.0000</td> <td>0.0125</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Engineering</td> <td>470X</td> <td></td> <td>0.9116</td> <td>0.0000</td> <td>0.9116</td> <td>0.0000</td> <td>0.9116</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Engineering</td> <td>31XX</td> <td></td> <td>1.0000</td> <td>0.0000</td> <td>0.1667</td> <td>0.0000</td> <td>0.1667</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Engineering</td> <td>341X</td> <td></td> <td>0.1855</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Connect & Test</td> <td>431X</td> <td></td> <td>0.6000</td> <td>0.0000</td> <td>0.6000</td> <td>0.0000</td> <td>0.6000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 5</td> <td>45</td> <td>Connect & Test</td> <td>471X</td> <td></td> <td>0.9500</td> <td>0.0000</td> <td>0.9500</td> <td>0.0000</td> <td>0.9500</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 599</td> <td>45</td> <td>Service Order</td> <td>2300</td> <td></td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 599</td> <td>45</td> <td>Engineering</td> <td>470X</td> <td></td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 599</td> <td>45</td> <td>Engineering</td> <td>341X</td> <td></td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 599</td> <td>45</td> <td>Connect & Test</td> <td>431X</td> <td></td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 6</td> <td>45</td> <td>Engineering</td> <td>431X</td> <td></td> <td>0.0500</td> <td>0.0000</td> <td>0.0500</td> <td>0.0000</td> <td>0.0500</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 6</td> <td>45</td> <td>Connect & Test</td> <td>431X</td> <td></td> <td>0.1000</td> <td>0.0000</td> <td>0.0667</td> <td>0.0000</td> <td>0.0667</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 11</td> <td>45</td> <td>Service Order</td> <td>2300</td> <td></td> <td>0.4825</td> <td>0.0000</td> <td>0.2325</td> <td>0.0000</td> <td>0.2325</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 1199</td> <td>45</td> <td>Service Order</td> <td>431X</td> <td></td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 598</td> <td>45</td> <td>Testing</td> <td>431X</td> <td></td> <td>0.9000</td> <td>0.0000</td> <td>0.9000</td> <td>0.0000</td> <td>0.9000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 598</td> <td>45</td> <td>Testing</td> <td>471X</td> <td></td> <td>0.9500</td> <td>0.0000</td> <td>0.9500</td> <td>0.0000</td> <td>0.9500</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td>TN</td> <td>A 18 698</td> <td>45</td> <td>Testing</td> <td>431X</td> <td></td> <td>0.1500</td> <td>0.0000</td> <td>0.1000</td> <td>0.0000</td> <td>0.1000</td> <td>0.0000</td> <td></td> <td></td> </tr> <tr> <td colspan="15">END</td> </tr> </tbody> </table>															State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR)	First Installation Time (Hours)	First Disconnect Time (Hours)	Additional Installation Time (Hours)	Additional Disconnect Time (Hours)	Initial Installation Time (Hours)	Initial Disconnect Time (Hours)	Subsequent Installation Time (Hours)	Subsequent Disconnect Time (Hours)	TN	A 18 5	45	Service Order	SDWC		2.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 5	45	Service Order	2300		0.0175	0.0000	0.0175	0.0000	0.0175	0.0000			TN	A 18 5	45	Service Order	4WXX		0.2500	0.0000	0.0500	0.0000	0.0500	0.0000			TN	A 18 5	45	Service Order	2300		0.0125	0.0000	0.0125	0.0000	0.0125	0.0000			TN	A 18 5	45	Engineering	470X		0.9116	0.0000	0.9116	0.0000	0.9116	0.0000			TN	A 18 5	45	Engineering	31XX		1.0000	0.0000	0.1667	0.0000	0.1667	0.0000			TN	A 18 5	45	Engineering	341X		0.1855	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 5	45	Connect & Test	431X		0.6000	0.0000	0.6000	0.0000	0.6000	0.0000			TN	A 18 5	45	Connect & Test	471X		0.9500	0.0000	0.9500	0.0000	0.9500	0.0000			TN	A 18 599	45	Service Order	2300		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 599	45	Engineering	470X		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 599	45	Engineering	341X		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 599	45	Connect & Test	431X		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 6	45	Engineering	431X		0.0500	0.0000	0.0500	0.0000	0.0500	0.0000			TN	A 18 6	45	Connect & Test	431X		0.1000	0.0000	0.0667	0.0000	0.0667	0.0000			TN	A 18 11	45	Service Order	2300		0.4825	0.0000	0.2325	0.0000	0.2325	0.0000			TN	A 18 1199	45	Service Order	431X		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000			TN	A 18 598	45	Testing	431X		0.9000	0.0000	0.9000	0.0000	0.9000	0.0000			TN	A 18 598	45	Testing	471X		0.9500	0.0000	0.9500	0.0000	0.9500	0.0000			TN	A 18 698	45	Testing	431X		0.1500	0.0000	0.1000	0.0000	0.1000	0.0000			END														
State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR)	First Installation Time (Hours)	First Disconnect Time (Hours)	Additional Installation Time (Hours)	Additional Disconnect Time (Hours)	Initial Installation Time (Hours)	Initial Disconnect Time (Hours)	Subsequent Installation Time (Hours)	Subsequent Disconnect Time (Hours)																																																																																																																																																																																																																																																																																																																						
TN	A 18 5	45	Service Order	SDWC		2.0000	0.0000	0.0000	0.0000	0.0000	0.0000																																																																																																																																																																																																																																																																																																																								
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TN	A 18 5	45	Engineering	31XX		1.0000	0.0000	0.1667	0.0000	0.1667	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 5	45	Engineering	341X		0.1855	0.0000	0.0000	0.0000	0.0000	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 5	45	Connect & Test	431X		0.6000	0.0000	0.6000	0.0000	0.6000	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 5	45	Connect & Test	471X		0.9500	0.0000	0.9500	0.0000	0.9500	0.0000																																																																																																																																																																																																																																																																																																																								
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TN	A 18 6	45	Engineering	431X		0.0500	0.0000	0.0500	0.0000	0.0500	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 6	45	Connect & Test	431X		0.1000	0.0000	0.0667	0.0000	0.0667	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 11	45	Service Order	2300		0.4825	0.0000	0.2325	0.0000	0.2325	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 1199	45	Service Order	431X		0.0000	0.0000	0.0000	0.0000	0.0000	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 598	45	Testing	431X		0.9000	0.0000	0.9000	0.0000	0.9000	0.0000																																																																																																																																																																																																																																																																																																																								
TN	A 18 598	45	Testing	471X		0.9500	0.0000	0.9500	0.0000	0.9500	0.0000																																																																																																																																																																																																																																																																																																																								
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Maximum of 25 entries per Cost Element #																																																																																																																																																																																																																																																																																																																																			

000092

A			B	C	D	E	F	G	H	I
1	Tennessee									
2	Inputs-Utilized Material Prices									
3	Study Period: 01/1997-12/1999									
4										
5	Element # A.18.5--A.18.1199									
6	Item/Description									
7	Description	FRC	SubFRC	Source		Amount	Adjustment Factor	Adjusted Material	Design 1	Design 2
8	DSX-1 Panel Termination @DS1	357C	03	PPS &M		\$ 14,3500			1	1
9	DSX-3 Panel Termination @ DS3	357C	03	PPS &M		\$ 200.9800			1	1
10										
11	W-DCS @ DS1 Level (One Port)-Alcatel	357C	33	DS1 Price Calculator				\$ 270.4600		1
12	W-DCS @ DS1 Level (One Port)-Lucent	357C	33	DS1 Price Calculator				\$ 331.3600		1
13	W-DCS @ DS1 Level (One Port)-Tellabs	357C	33	DS1 Price Calculator				\$ 363.8200		1
14										
15	DDM-2000 - Hanwired Eqpt./ 3	357C	03	DS1 Price Calculator				\$ 583.5200	1	
16	DDM-2000 - Common Eqpt./ 3	357C	06	DS1 Price Calculator				\$ 8,000.0000	1	
17	DS1 LS Card with PM for DDM-2000	357C	09	DS1 Price Calculator				\$ 604.0000	1	
18										
19	W-DCS @ DS3 Level (One Port)-Alcatel	357C	33	DS1 Price Calculator				\$ 3,916.4800		1
20	W-DCS @ DS3 Level (One Port)-Lucent	357C	33	DS1 Price Calculator				\$ 6,279.6600		1
21	W-DCS @ DS3 Level (One Port)-Tellabs	357C	33	DS1 Price Calculator				\$ 4,788.9500		1
22										
23	Probability Of Design 1			Network		92.00%				
24	Probability of Design 2			Network		8.00%				
25										
26	W-DCS Vendor Mix--Alcatel			Network		0.00%				
27	W-DCS Vendor Mix--Lucent			Network		34.80%				
28	W-DCS Vendor Mix-- Tellabs			Network		65.20%				

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A		B	C	D	E	F	G	H
1	Tennessee							
2	Non Recurring Labor							
3	Study Period: 01/1997-12/1999							
4								
5	Element #: A.18.5--A.18.1199							
6	Item/Description	Description	JFC / JG / WS	First Install Time Hrs	First Disconnect Time Hrs	Additional Install Time Hrs	Additional Disconnect Time Hrs	Source
7								
8	Work Group							
9	Complex Resale Support group (CRSG)	Service Order	SDWC	2.0000	0.0000	0.0000	0.0000	Network
10								
11	LCSC Mechanized	Service Order	2300	0.0175	0.0175	0.0175	0.0175	Network
12	LCSC Manual	Service Order	2300	0.4825	0.3155	0.2325	0.0325	Network
13	Work Management Center (WMC)	Service Order	4WXX	0.2500	0.0000	0.0500	0.0000	Network
14	LCSC Special (Construction Billing)	Service Order	2300	0.0125	0.0000	0.0125	0.0000	Network
15	Circuit Provisioning Cntr. (CPG)	Engineering	470X	0.9116	0.1750	0.9116	0.1750	Network
16	Ntwk & Eng Planning (FG20)	Engineering	31XX	1.0000	0.0000	0.1667	0.0000	Network
17	Network Plug-in Administration (PICS)	Engineering	341X	0.1855	0.0583	0.0000	0.0000	Network
18								
19								
20	CO Install & Mtce Field - Ckt & Fac	Connect & Test	431X	0.6000	1.0000	0.6000	1.0000	Network
21	Acc Cust Advocate Cntr (UNEC)	Connect & Test	471X	0.9500	0.0000	0.9500	0.0000	Network
22	CO Install & Mtce Field - Ckt & Fac	Testing	431X	0.9000	0.0000	0.9000	0.0000	Network
23	Acc Cust Advocate Cntr (UNEC)	Testing	471X	0.9500	0.0000	0.9500	0.0000	Network
24								
25	Feature Activation							
26								
27	Network Plug-in Administration (PICS)	Engineering	341X	0.0500	0.0000	0.0500	0.0000	Network
28								
29	CO Install & Mtce Field - Ckt & Fac	Connect & Test	431X	0.1000	0.0000	0.0667	0.0000	Network
30	CO Install & Mtce Field - Ckt & Fac	Testing	431X	0.1500	0.0000	0.1000	0.0000	Network
31								

000094

	A	B	C	D	E	F	G
1	Tennessee						
2	SUMMARY DSG1 & DSG2						
3	Study Period: 01/1997-12/1999						
4							
5	Element #: A.18.5--A.18.1199						
6	Item/Description						
7	Description	FRC	SubFRC	SubFRC	SubFRC	SubFRC	Source
8							
9	Channel System						
10		<u>357C</u>	<u>03</u>	<u>06</u>	<u>09</u>	<u>33</u>	
11							
12	Design 1		\$721.740	\$7,360.000			WP300 Ln21 & Ln22
13	Design 2		\$ 16.078			\$ 424.617	WP301 Ln25 & Ln26
14							
15							
16	Total Channel System		\$737.818	\$7,360.000	\$ -	\$ 424.617	Ln12 + Ln13
17							
18							
19	Interface						
20		<u>357C</u>	<u>03</u>	<u>06</u>	<u>09</u>	<u>33</u>	
21							
22	Design 1		\$ 13.202		\$555.680		WP300 Ln40 & Ln41
23	Design 2		\$ 1.148			\$ 28.202	WP301 Ln50 & Ln51
24							
25							
26	Total Interface		\$ 14.350	\$ -	\$555.680	\$ 28.202	Ln22 + Ln23

000095

	A	B	C	D	E
1	Tennessee				
2	Design - 1				
3	Study Period: 01/1997-12/1999				
4					
5	Element #: A.18.5-A.18.1199				
6	Item/Description				
7	Description	FRC	SubFRC	Source	Amount
8	DDM-2000 - Harwwired Eqpt./ 3	357C	03	Inputs Ln15	\$ 583.520
9					
10	DDM-2000 - Common Eqpt./ 3	357C	06	Inputs Ln16	\$ 8,000.000
11					
12	DSX-3 Panel Termination @ DS3	357C	03	Inputs Ln9	\$ 200.980
13					
14					
15	Total Channel System by FRC - Design 1	357C	03	Ln8 + Ln12	\$ 784.500
16		357C	06	Ln10	\$ 8,000.000
17					
18					
19	Probability of Occurrence - Design 1		92%	Inputs Ln23	
20					
21	Total Weighted Channel System DSG 1	357C	03	Ln15 * Ln19	\$ 721.740
22		357C	06	Ln16 * Ln19	\$ 7,360.000
23					
24					
25					
26					
27	Interface				
28					
29	DSX-1 Panel Termination @DS1	357C	03	Inputs Ln8	\$ 14.350
30					
31	DS1 LS Card with PM for DDM-2000	357C	09	Inputs Ln17	\$ 604.000
32					
33					
34					
35	Total Interface by FRC - Design 1	357C	03	Ln29	\$ 14.350
36		357C	09	Ln31	\$ 604.000
37					
38	Probability of Occurrence - Design 1		92%	Inputs Ln23	
39					
40	Total Weighted Interface by FRC - Design 1	357C	03	Ln35 * Ln38	\$ 13.202
41		357C	09	Ln36 * Ln38	\$ 555.680

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	A	B	C	D	E
1	Tennessee				
2	Design - 2				
3	Study Period: 01/1997-12/1999				
4					
5	Element #: A.18.5--A.18.1199				
6	Item/Description				
7	Description	FRC	SubFRC	Source	Amount
8					
9	W-DCS @ DS3 Level (One Port)-Alcatel	357C	33	Inputs Ln19	\$ 3,916.480
10					
11	W-DCS @ DS3 Level (One Port)-Lucent	357C	33	Inputs Ln20	\$ 6,279.660
12					
13	W-DCS @ DS3 Level (One Port)-Tellabs	357C	33	Inputs Ln21	\$ 4,788.950
14					
15	DSX-3 Panel Termination @ DS3	357C	03	Inputs Ln9	\$ 200.980
16					
17					
18	Vendor Mix				
19	ALCATEL	0.0%		Ln9 * Ln19	\$ -
20	LUCENT	34.8%		Ln11 * Ln20	\$ 2,185.322
21	TELLABS	65.2%		Ln13 * Ln21	\$ 3,122.395
22					
23	Probability of Occurrence - Design 2	8%		Inputs Ln24	
24					
25	Weighted Material by FRC - Design 2	357C	03	Ln15 * Ln23	\$ 16.078
26		357C	33	(Ln19 + Ln20 + Ln21) * Ln23	\$ 424.617
27					
28					
29					
30	Interface				
31					
32	W-DCS @ DS1 Level (One Port)-Alcatel	357C	33	Inputs Ln11	\$ 270.460
33					
34	W-DCS @ DS1 Level (One Port)-Lucent	357C	33	Inputs Ln12	\$ 331.360
35					
36	W-DCS @ DS1 Level (One Port)-Tellabs	357C	33	Inputs Ln13	\$ 363.820
37					
38	DSX-1 Panel Termination @DS1	357C	03	Inputs Ln8	\$ 14.350
39					
40					
41	Vendor Mix				
42	ALCATEL	0%		Ln32 * Ln42	\$ -
43	LUCENT	35%		Ln34 * Ln43	\$ 115.313
44	TELLABS	65%		Ln36 * Ln44	\$ 237.211
45					
46					
47					
48	Probability of Occurrence - Design 2	8%		Inputs Ln24	
49					
50	Weighted Material by FRC - Design 2	357C	03	Ln38 * Ln48	\$ 1.148
51		357C	33	(Ln42 + Ln43 + Ln44) * Ln48	\$ 28.202

000097

	A	B	C	D	E	F	G	H	I	J	K
1	Tennessee										
2	Index Sheet										
3	Study Period: 01/1997-12/1999										
4											
5											
6											
7											
8											
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10											
11											
12											
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15											
16											
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18											
19											
20											
21											
22											

Sheet Name:
Index
Investments
Additives_Recurring
Additives_Nonrecurring
Recurring Labor
Nonrecurring Labor
INPUT_NRC

Description:
Nonrecurring Cost for Loop or - Channel or IOF Switched-AS_IS
CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA
CALCULATOR INPUT FORM - RECURRING EXPENSES DATA
CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA
CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA
CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES
Non-recurring Worktimes

000098

	A	B	C	D	E	F	G	H	I	J
1	CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA									
2										
3	Instructions:									
4	1. Use this worksheet to record material and/or investments to be input into the									
5	Calculator calculations.									
6	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).									
7	3. Input data, by Cost Element, leaving no blank lines. On next row									
8	after last line of data, type END in Cost Element Column.									
9	4. All data on this form should be cell-referenced to study workpapers.									
10	5. Do NOT change columns, headings, sheet name.									
11										
12										
13										
14	State	Cost	FRC	Sub	Volume	Volume				
15	TN	Element #	FRC	FRC	Sensitive	Insensitive				
16					\$ Amount	\$ Amount				
17										
18										
19										
20										
21										
22										
23										
24										
25										

000099

	A	B	C	D	E	F	G	H
1	CALCULATOR INPUT FORM - RECURRING EXPENSES DATA							
2	Instructions: 1. Use this worksheet to record recurring non-labor expenses to be input into the Calculator calculations. 2. All amounts shown are per unit (e.g., per call, per loop, per MOU). 3. Input data, by Cost Element, leaving no blank lines. On next row after last line of data, type END in Cost Element Column. 4. All data on this form should be cell-referenced to study workpapers. 5. Do NOT change columns, headings, sheet name.							
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17	<u>State</u>	<u>Cost</u>	<u>Recurring</u>	<u>Recurring</u>	<u>Recurring</u>			
18	TN	<u>Element #</u>	<u>Expense Description</u>	<u>Volume Sensitive</u>	<u>Volume Insensitive</u>			
19			<u>(Limited to 25 characters)</u>	<u>\$ Amount</u>	<u>\$ Amount</u>			
20								
21								
22								
23								
24								
25								
26								
27								
28								
29								
30								

Maximum 10 entries per Cost Element #

000100

A	B	C	D	E	F	G	H
1	CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA						
2	Instructions:						
3	1. Use this worksheet to record nonrecurring non-labor expenses to be input into the Calculator calculations.						
4	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).						
5	3. Input data, by Cost Element, leaving no blank lines. On next row						
6	after last line of data, type END in Cost Element Column.						
7	4. All data on this form should be cell-referenced to study workpapers.						
8	5. Do NOT change columns, headings, sheet name.						
9	6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first						
10	and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost.						
11							
12							
13							
14							
15							
16	<u>State</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>	<u>Nonrecurring</u>
17	<u>TN</u>	<u>Expense Description</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	<u>\$ Amount</u>	<u>\$ Amount</u>
18		(Limited to 25 characters)					
19							
20							
21							
22							
23							
24							
25							
26							
27							
28							
29							
30							

Maximum 10 entries per Cost Element #

000101

A	B	C	D	E	F	G	H
		CALCULATOR INPUT FORM - RECURRING LABOR EXPENSES DATA					
1		Instructions:					
2		1. Use this worksheet to record recurring expensed labor times to be input into the					
3		Calculator calculations.					
4		2. All amounts shown are per unit (e.g., per call, per loop, per MOU).					
5		3. Input data, by Cost Element, leaving no blank lines. On next row					
6		after last line of data, type END in Cost Element Column.					
7		4. All data on this form should be cell-referenced to study workpapers.					
8		5. Do NOT change columns, headings, sheet name.					
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A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES													
2	Instructions:													
3	1. Use this worksheet to record nonrecurring labor times to be input into the Calculator calculations.													
4	2. All amounts shown are per unit (e.g., per call, per loop, per MOU).													
5	3. Input data, by Cost Element, leaving no blank lines. On next row													
6	after last line of data, type END in Cost Element Column.													
7	4. All data on this form should be cell-referenced to study worksheets.													
8	5. Do NOT change columns, headings, sheet name.													
9	6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first													
10	and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.													
11	7. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line.													
12														
13														
14														
15	Study Mid-Point Date (Mos.) 6/1/98													
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17														
18														
19														
20	State	Cost Element #	Cost Element Life (Mo)	Labor Expense Description (Limited to 25 characters)	JFC/ Payband	(For use w/ one NR)	First Installation Time (Hours)	First Disconnect Time (Hours)	Additional Installation Time (Hours)	Additional Disconnect Time (Hours)	Initial Installation Time (Hours)	Initial Disconnect Time (Hours)	Subsequent Installation Time (Hours)	Subsequent Disconnect Time (Hours)
21	TN	P 17.1	45	Connect & Test	431X		0.2500	0.0000	0.2500	0.0000				
22	TN	P 17.1	45	Service Order	2300		1.0000	0.0000	0.3333	0.0000				
23	TN	P 17.199	45	Connect & Test	431X		0.0000	0.2500	0.0000	0.2500				
24	END													

A		B	C	D	E	F	G	H
1	Tennessee							
2	Non-recurring Worktimes							
3	Study Period: 01/1997-12/1999							
4								
5								
6	Item/Description							
7								
8	Work Group							
9	CO INSTALL & MTCE CKT & FAC (NTEL)	Description	JFC / JG / WS	Source	First Install Time Hrs	First Disconnect Time Hrs	Additional Install Time Hrs	Additional Disconnect Time Hrs
10	CUSTOMER POINT OF CONTACT (LCSC) MANUAL	Connect & Test Service Order	431X 2300	Network Network	0.2500 1.0000	0.2500 0.0000	0.2500 0.3333	0.2500 0.0000
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