BEFORE THE FPSC – REBUTTAL TESTIMONY OF

DAVID A. NILSON

ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, INC.

DOCKET NO. 04-0301-TP

FILED: OCTOBER 8, 2004

REDACTED

I. INTRODUCTION AND SUMMARY OF TESTIMONY

Q. PLEASE STATE YOUR NAME AND ADDRESS

A. My name is David A. Nilson. My business address is 2620 SW 27th Avenue, Miami, Florida 33133.

Q. BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY?

A. I am employed by Supra Telecommunications and Information Systems, Inc. ("Supra") as its Chief Technology Officer.

Q. ARE YOU THE SAME DAVID NILSON WHO FILED DIRECT TESTIMONY IN THIS DOCKET?

A. I am.

Q. WHAT IS THE PURPOSE OF YOUR TESTIMONY?

A. The purpose of my testimony is to rebut the testimony of D. Daonne Caldwell, and Kenneth Ainsworth of Bellsouth on issues 1 through 4.

Q. WHICH ISSUES DO YOU ADDRESS IN YOUR TESTIMONY?

A. I provide rebuttal testimony regarding the position of the BellSouth witnesses relative to what nonrecurring rate, if any, applies for a conversion from UNE-P to UNE-L when the UNE-P line is served by copper or UDLC loop (**Issue 1**) or IDLC loop (**Issue 2**), and whether a new nonrecurring rate should be created for a conversion from UNE-P to UNE-L when the UNE-P

line is served by copper or UDLC (**Issue 3**), or IDLC (**Issue 4**), and what should be the rate for such a conversion (**Issues 3 and 4**).

II. How to read a cost study.

Q. WILL YOU PLEASE EXPLAIN HOW TO READ AND INTERPRET THE COST STUDIES FILED IN THIS DOCKET?

A. Gladly. Turn to Supra Exhibit # DAN-45. The structure and for of these costs studies is as defined by Bellsouth in Docket 990649-TP from Tab 3 – Tab 10. Tabs 1 and 2 represent the output of the Bellsouth cost calculator BSCC 2.4, but were created by Hand in Excel to provide a single Excel workbook, self contained for this project.

Tab 1 – Non Recurring Cost Summary.

This tab is the final, top level rollup of Cost (direct and TELRIC), Gross receipts factor and Common Cost factor leading to the final "Economic Cost" for installation and disconnection of the relevant elements. Tabs 1 and 2 represent the output of the Bellsouth cost calculator BSCC 2.4. This Tab derives its input from Tab 2.

Tab 2 Non recurring Cost development

This tab is where the line item departmental / paygrade totals developed in Tab 5 are multiplied by the Direct Labor rates to arrive at the TELRIC cost. Tabs 1 and 2 represent the output of the Bellsouth cost calculator BSCC 2.4. This Tab derives its input from Tab 5.

Tab 3 Index

This tab is normally the top level "cover sheet" in a Bellsouth cost study and is used by the Bellsouth cost calculator BSCC 2.4. This Tab derives no input.

Tab 4 Additives Recurring

This documents recurring Expenses data which is then input into Tab 10 (INPUTS_MISC) it documents, for all BellSouth offices the recurring cost of Subscriber line testing and Network Terminating wire. This Tab derives no input. This tab is input to Tab 10 (INPUTS_MISC)

Tab 5 Nonrecurring Labor

This tab is where the line item departmental / paygrade totals are presented to the cost calculator. All costs on the wp100 tab are summarized here, by UNE element, by Department / paygrade with one line per department paygrade. Installation and disconnect **times** for First Install and additional Install are documented here. This Tab is input to Tab 2 and the BSCC 2.4 Cost Calculator. This Tab derives its input from Tab 6.

Tab 6 WP100

This tab is where the line item departmental / paygrade totals are developed. All costs on the INPUTS_XXX tabs are summarized her, by UNE element, by Department / paygrade with one line per department paygrade. Installation and disconnect **times** for First Install and additional Install are documented here. This Tab is input to Tab 5 and derives its input from Tab(s) 7-10.

Tab 7 INPUTS_ENGINEERING
Tab 8 INPUTS_CONNECT&TEST
Tab 9 INPUTS_TRAVEL

These tabs are where the departmental workitem and times are documented. Installation and disconnect **times** for First Install and additional Install are documented here. They are further modified by a) Probability of occurrence, Probability of Dispatch and FPSC Staff Recommended Adjustments This Tab is input to Tab 6 and derives its input from Subject Matter Experts ("SMEs").

Tab 10 INPUTS_MISC

This tab is where misc. data used by Tabs 7,8, and 9 are documented. It takes its input from SMEs and Tab 4.

III. Issue 1 – Under the Current Agreement, what nonrecurring rate, if any, applies for a hot-cut from UNE-P to UNE-L, where the lines being converted are served by copper or UDLC, for (a) SL1 loops and (b) SL2 loops?

Q. HAS BELLSOUTH CITED TO ANY CONTRACTUAL REFERENCE WHEREIN A HOT CUT FROM UNE-P TO UNE-L FOR COPPER OR UDLC LINES IS MENTIONED?

A. No. Neither in the direct testimony of Ms. Caldwell nor Mr. Ainsworth is there any contractual cite to a rate for UNE-P to UNE-L conversions, much less a rate for such a conversion on a copper or UDLC line.

Q. HAS BELLSOUTH CITED TO ANY FPSC ORDER WHEREIN A HOT CUT FROM UNE-P TO UNE-L FOR COPPER OR UDLC LINES IS MENTIONED?

A. No. Neither in the direct testimony of Ms. Caldwell nor Mr. Ainsworth is there a cite to a FPSC ordered rate for UNE-P to UNE-L conversions, much less a rate for such a conversion on a copper or UDLC line. BellSouth argues that the non-recurring rate for the installation of a new SL1 or SL2 loop (A.1.1 and A.1.2 elements) applies to this situation, but presents absolutely no supporting evidence to substantiate that naked claim.

Q. WHAT TYPE OF EVIDENCE WOULD YOU HAVE EXPECTED BELLSOUTH TO PRODUCE?

A. We would have expected to see some meeting minutes, notes, flow charts, workpapers or other documentation substantiating BellSouth's claim that its August 16, 2000 SL1 and SL2 cost study took into consideration BellSouth's UNE-P to UNE-L conversion process, particularly in situations where the loop is served via copper or UDLC. Furthermore, we would have expected to see some calculations showing the percentages of all of the different types of installations and hot cuts that purportedly went into the "average loop" which BellSouth claims applies to any number of different processes. Yet, BellSouth has produced no such evidence.

Q. WHAT EVIDENCE HAS BELLSOUTH PRODUCED?

A. BellSouth has produced no evidence other than the testimony of Ms. Caldwell. Of course, without providing any documents substantiating her position, BellSouth apparently believes that we should all simply take her at her word. One problem with this is that Ms. Caldwell is not the person who is aware of the actual departments involved, the worksteps they

perform in the various loops service methods needing to be converted, or put together the underlying inputs (work elements, worktime assessments and probability of (occurrence or of dispatch) factors) that went into the cost studies at issue. See Caldwell Sept. 21, 2004 depo tr., at pg. 16. She had never actually seen a hot cut being performed. See Caldwell Sept. 21, 2004 depo tr., at pg. 16. Her knowledge is based solely on hearsay – what someone who works as part of BellSouth's product team told her was to be put into the cost study. As such, neither Supra nor this Commission has the ability to test the veracity of Ms. Caldwell's assertions, as Ms. Caldwell herself does not know how the inputs were arrived at. See Caldwell Sept. 21, 2004 depo tr., at pg. 16. In fact, Ms. Caldwell's **only** function in the process of creating the cost study "is to be sure that all the UNEs are covered and that there's no overlapping." See Caldwell Sept. 21, 2004 depo tr., at pg. 14.

Amazingly, BellSouth presented Ms. Caldwell as its corporate representative with the most knowledge regarding BellSouth's cost studies which support the non-recurring charges which BellSouth seeks to charge Supra for performing UNE-P to UNE-L conversions. See Caldwell Aug. 18, 2004 depo tr., at pg. 5. As Ms. Caldwell, BellSouth's corporate representative with the most knowledge, could not provide any support for any of the underlying inputs that went into the cost studies at issue, BellSouth does not have a witness that can support its purported costs in this case.

Q. HAS SUPRA REQUESTED SUCH EVIDENCE FROM BELLSOUTH?

A. Yes, Supra has requested such from BellSouth in its discovery requests in this docket. BellSouth has produced no evidence whatsoever supporting its claim that the August 16, 2000 cost study took into consideration UNE-P to UNE-L conversions for loops provided via copper

or UDLC. Furthermore, Supra requested that BellSouth provide Supra with all documents filed in the FPSC cost study docket(s) which would support BellSouth's claims. Rather than providing any responsive documents, BellSouth objected. Supra has since moved to compel a response from BellSouth, and such motion remains pending before the Commission. Supra surmises that no responsive documents exist.

Q. HAS BELLSOUTH MADE ANY ATTEMPT TO SHOW THAT THE RATES CONTAINED IN THE CURRENT AGREEMENT SOMEHOW APPLY TO A UNE-P TO UNE-L CONVERSION FOR LOOPS SERVED VIA COPPER OR UDLC?

A. No. BellSouth has only done two things: (1) regurgitate Mr. Ainsworth's direct testimony submitted on December 4, 2003 in Docket No. 030851-TP (TRO Docket), wherein Mr. Ainsworth sets forth BellSouth's proposed UNE-P to UNE-L conversion process for individual hot cuts; project hot cuts; and batch hot cuts; and (2) submit the unsubstantiated testimony of Ms. Caldwell wherein she testifies that the FPSC already approved a non-recurring rate for an "average hot cut," as such was purportedly included in BellSouth's August 16, 2000 SL1 and SL2 cost study. Neither Mr. Ainsworth nor Ms. Caldwell cite to any language, either submitted by BellSouth or set forth by the Commission in an order, wherein there was any discussion of a UNE-P to UNE-L hot cut. Nor does either of BellSouth's witnesses walk us through an analysis of BellSouth's cost study to show how the process of performing a UNE-P to UNE-L conversion for copper and UDLC lines is set forth and properly costed. Instead, BellSouth makes blanket assertions without any underlying factual support.

Q. IS THERE ANYTHING YOU WOULD LIKE TO ADD AS IT RELATES TO ISSUE 1?

A. Yes. While Mr. Ainsworth claimed at his depo that he too did not have the ability to put together the underlying inputs (work elements, worktime assessments and probability of (occurrence or of dispatch) factors) that went into the cost studies at issue. See Caldwell Sept. 21, 2004 depo tr., at pg. 16, he was able to speak about the process and the departments included In the October 8 2001 cost study which are not actually involved in a UNE-P to UNE-L hotcut. As a result of Mr. Ainsworths testimony, Supra has modified its 12/24/2003 Cost study presented in my Direct Testimony(Supra Exhibit # DAN-9) with an updated version (Supra Exhibit # DAN-45[1]) which addresses:

1. Ms Caldwell's concern that the cost study should zero the probability, not the "standard" worktimes when a step is avoided and omitted.
2. Mr. Ainsworths detailed deposition analysis of his hot-cut process and the October 8 Cost study worksteps.
3. Embedded errors in the original Bellsouth Cost study found in sheet WP100. [redacted]An increase in the time allocated for the CO forces department to actually perform a hot-cut. While the precise time is yet to be learned through discovery still outstanding, Supra has realized "something" larger than its initial reliance on the 2:39 testified to by Mr. Ainsworth in the TRO hearings was going to have to be allocated for this step. Supra has increased its estimate from 2:39 to [redacted]

[1] Entitled "EX-45 Supra Group 1 Copper UDLC UNE-P to UNE-L Cost study FL-2w.xls

[redacted]

Furthermore, for the remaining 3 departments, so many of the actual steps within that departments in the October 8 cost study are not part of the process defined by Mr. Ainsworth that the actual times involved are approx one-half the times recovered In the October 8 cost study[3].

Clearly, the October 8th cost study, and hence the Commissions A.1. and A.1.2 NRC doers not accurately or fairly recover the cost actually incurred by BellSouth in the UNE-P to UNE-L conversion of loops served via copper or UDLC before and after the conversion.

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2 9 separate departments with 10 total paygrades.

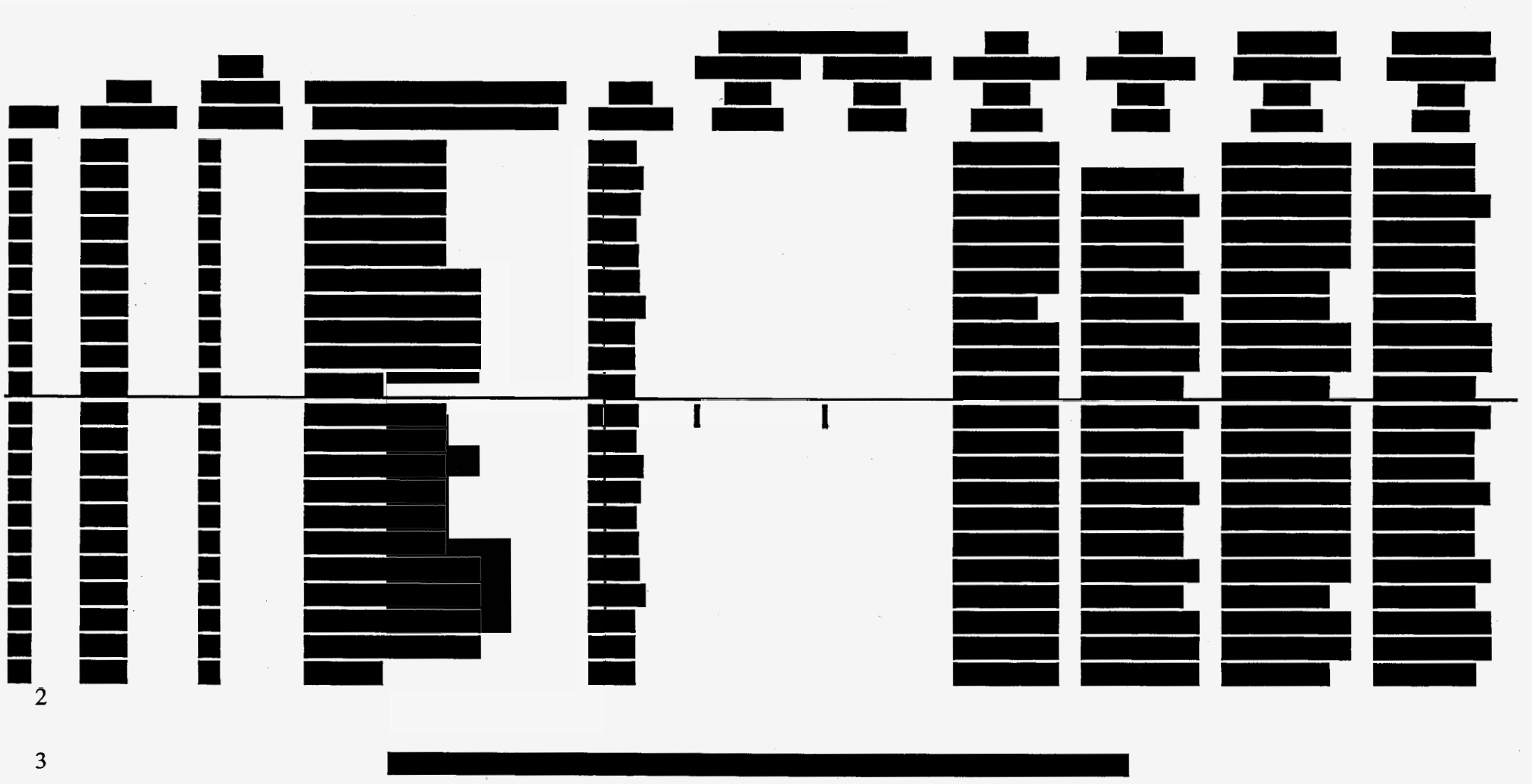
3 Supra actually detected an embedded error In BellSouths A.1.1 cost study. On the WP100 tab, for the WMC department, the formula anticipates the BellSouth worktime is being multiplied by an FPSC factor as all other departments are. However the FPSC ordered factor for WMC, if it exists, was omitted from the INPUTS_CONNECT& test sheet causing a multiply by zero error which resulted In Bellsouth not claiming any worktime for the WMC center in its October 8 cost study. However the same error is **not** propagated In the A.1.2 cost study on tab WP100. This can be clearly seen in Table 1.

This represents [redacted] **of all lines in BellSouths Florida region**[4,5] for which the A.1.1 and A.1.2 NRC rate is **inappropriately high**[6] for a UNE-P to UNE-L hotcut.

[4] See Supra Exhibit # DAN-42- Bellsouth response to Supra interrogatory 20-24 regarding lines in service served via various loops service methods. And Supra Exhibit # DAN-43- Supra modified version of Bellsouth response to Supra interrogatory 20-24 (Supra Exhibit # DAN-42) with subtotals calculating statewide percentage of various loops service technologies, and making adjustment for the fact that BellSouths NGDLC counts were also included in IDLC/UDLC counts.

[5] [redacted]

[6] $49.57 - $7.53 = $42.04 = inappropriately high.



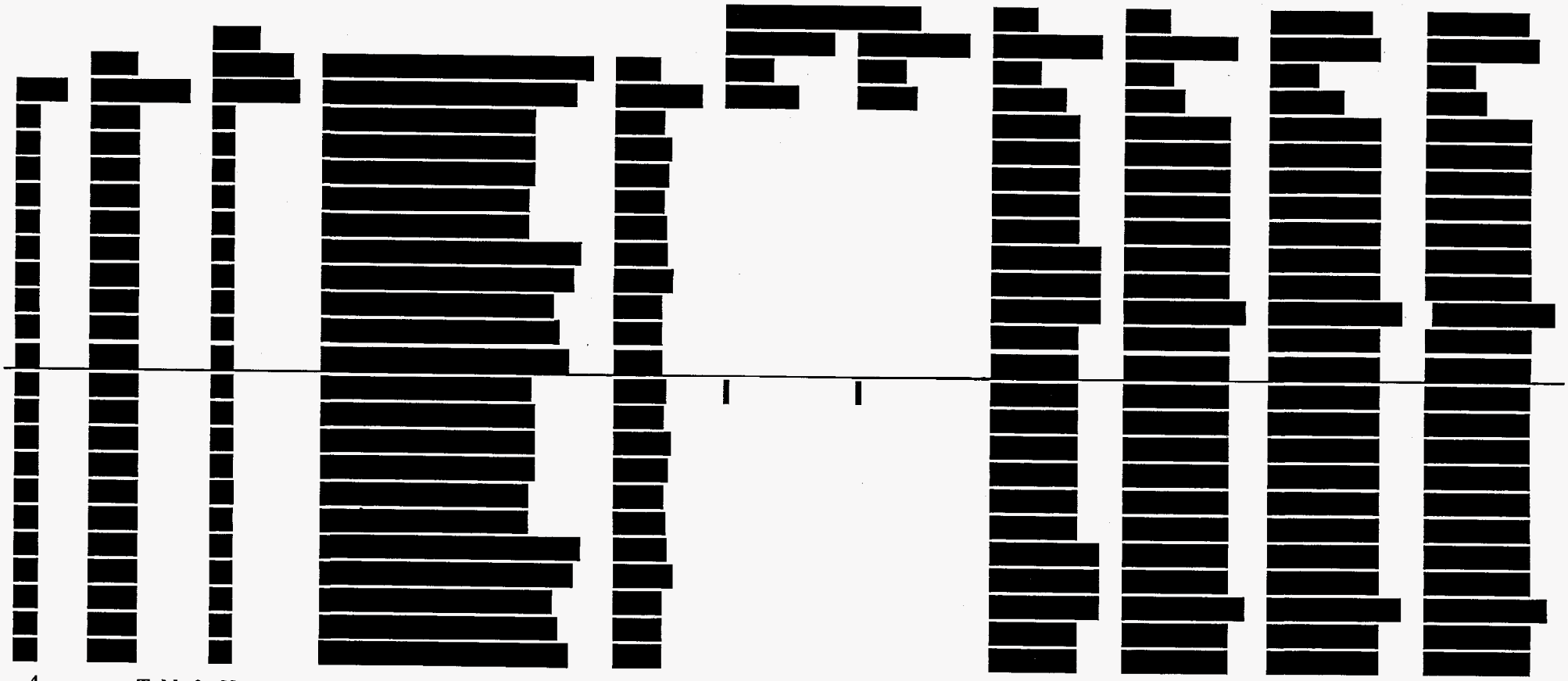


Table 2 - Nonrecurring Labor tab from the Supra Exhibit # DAN-45 Group 1 Copper UDLC Cost study cost study A.1.1 and A.1.2 showing the departments removed and worktimes reduced from the hot-cut cost recovery by Mr. Ainsworths deposition testimony

Issue 2 – Under the parties' existing interconnection agreement, what nonrecurring rate, if any, applies for a hot-cut from UNE-P to UNE-L, where the lines being converted are not served by copper or UDLC, for (a) SL1 loops and (b) SL2 loops?

Q. HAS BELLSOUTH CITED TO ANY CONTRACTUAL REFERENCE WHEREIN A HOT CUT FROM UNE-P TO NOT SERVED BY COPPER OR UDLC LOOPS TO UNE-L IS MENTIONED?

A. No. Supra's position relative to Issue 1, that, *inter alia*, BellSouth has failed to provide any contractual or legal citations to support its claims, applies equally to Issue 2 as well.

Q. IS THERE ANYTHING YOU WOULD LIKE TO ADD AS IT RELATES TO ISSUE 2?

A. Yes. Despite the fact that Mr. Ainsworth has claimed that there are eight different methods available for performing UNE-P to UNE-L hot cuts when the loop is served via IDLC. BellSouth has not produced any written flow charts or processes which support any of these eight methods. Furthermore, BellSouth has admitted that it never prepared a cost study for any of these eight methods. It is beyond comprehension to believe that such methods were actually considered and accounted for in BellSouth's August 16, 2000 SL1 and SL2 cost study.

Q. HAS BELLSOUTH PROVIDED ANY DOCUMENTATION IN SUPPORT OF ANY OF ITS CLAIMS?

A. No. The only documents BellSouth provided in response to Supra's discovery requests regarding the processes involved for these types of hot cuts were: (1) a one page flow chart for a

UNEP to UNEL Bulk Migration Process Flow, dated June 6, 2002[7]; and (2) Outside Plant Engineering Methods and Procedures for Provisioning Unbundled Network Elements, dated May 7, 2004[8]. Neither of these documents evidences the costs for the specific work elements necessary to perform either a bulk hot cut, or an IDLC hot cut. Both of these documents are overly broad and fail to get into any specifics as it relates to the processes necessary to perform such.

The outside Plant manual is completely devoid of any mention of the 8 methods of IDLC served UNE-P loops being converted to UNE-L, despite it being proffered as "the" (one and only) definitive document responsive to the request for production #5:

> 5. Please provide any and all supporting documents which document the processes a) that Bellsouth actually uses or b) that would be necessary if BellSouth were to perform UNE-P to UNE-L conversions on loops served by Integrated Digital Loop Carrier ("IDLC") for the eight alternatives set forth on pages 25-28 of the testimony of Ken Ainsworth in Docket 030851-TP filed with the FPSC on December 4, 2003 and the DACS-door process provided for the BellSouth Tennessee SGAT.
>
> Please provide any and all documents created as a result of implementing the eight options, including but not limited to, the business decisions which impacted the implementation(s), the logic by which a specific method is chosen, engineering analysis of the relative merits of the various methods, and proposals for alternatives which are not part of the list of eight. Provide any and all documents which evidence that BellSouth is actually using each of the eight methods in Florida.
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> (Supra Second Request for Production of Documents, #5)

As a result, it is painfully obvious that while BellSouth testifies that it can convert IDLC served UNE-P lines to UNE-L, BellSouth has not actually implemented the processes and

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[7] See Supra Exhibit # DAN-36 Confidential - BellSouth's UNEP to UNEL Bulk Migration Process Flow, PFUNEP2L.ppt dated 6/6/2002

[8] See Supra Exhibit # DAN-37 Confidential - BellSouths "Outside Plant Engineering Methods and Procedures for Provisioning Network Elements" document, Issue R, dated May 7, 2004 provided in response to Supra's Second request for Production of Documents.

procedures for all 8 (eight) methods, but relies exclusively on the two most costly methods, Methods 1[9] and Method 3[10], and bill Supra for the more expensive of the two causing unnecessary expense and disruption of the customers service[11].

Perhaps even more disconcerting is the dates of these documents – June 6, 2002 and May 7, 2004. Assuming that these documents were specific enough so as to enable someone to identify the elements, worktimes and costs associated with the various processes involved, such would not have been available before August 16, 2000 – the date in which BellSouth filed its cost study which it purports includes these elements. Again, for BellSouth to contend that it considered these processes in a cost study prepared two to four years earlier is disingenuous at best.

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9 Use an existing (completely new) copper loop, if available.

10 Rebuild the IDLC served loop to be copper or UDLC served.

11 BellSouths marketing department then keys off of Supra's LSR to target this customer for winback via Operation Sunrise[11], after unnecessarily disrupting the loop service to that customer.

IV. Issue 3 - Should a new nonrecurring rate be created that applies for a hot-cut from UNE-P to UNE-L, where the lines being converted are served by copper or UDLC, for (a) SL1 loops and (b) SL2 loops? If so, what should such nonrecurring rates be?

Q. IN HER DIRECT TESTIMONY AT PAGE 3, LINE 7, MS. CALDWELL STATES THAT "IT IS BELLSOUTH'S POSITION THAT COST-BASED RATES, WHICH WERE SET BY THIS COMMISSION, ALREADY EXIST THAT REFLECT THE ACTIVITIES NECESSARY TO CONVERT A RETAIL LOOP OR A UNE-P LOOP TO AN UNBUNDLED LOOP (UNE-L). THE RATES THAT ARE APPLICABLE TO THE HOT-CUT PROCESS ARE THE NONRECURRING CHARGES FOR THE UNBUNDLED LOOP, THE SERVICE ORDER PROCESSING CHARGE AND THE NONRECURRING CROSS CONNECT RATE, LEADING TO AN SL1 RATE OF $59.31, AND AN SL2 RATE OF $145.49." DO YOU AGREE WITH MS. CALDWELL'S ASSERTIONS?

A. No. Ignoring fully the arguments in Issue 1 & 2 regarding the existing rates ordered by this Commission, BellSouth's own testimony **proves** that BellSouth must cease making the claim that the FL-2w.xls cost study recovers the costs incurred in a UNE-P to UNE-L hotcut.

First, MS. Caldwell is not a Subject Matter Expert ("SME"), her own deposition testimony[12] shows that her function in the cost study process is to take input from subject matter experts in the various work centers, as directed by the BellSouth product manger, to record, and

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[12] See Caldwell Sept. 21, 2004 depo tr., at pgs. 13-17.

compute, the cost of the work activities identified to her by the SMEs. Second, as Table 1 and 2 above show, and as will be discussed in greater detail below, the processes involved in performing a hot cut do not match up with the elements set forth in the FL-2w.xls cost study.

Q. IN HER DIRECT TESTIMONY AT PAGE 7, LINE 5 MS. CALDWELL STATES THAT THE EXISTING COST STUDY CANNOT BE USED TO SUPPORT HE RATE STRUCTURE SUPRA ENVISIONS. WHY IS HER ASSERTION INCORRECT?

A. First, Ms. Caldwell testified in her deposition as follows:

Q If BellSouth hasn't created a written process for a certain type of hot cut, for instance -- this is a hypothetical. Hypothetically speaking, BellSouth hasn't created a written process for a batch hot cut, how can you create a cost study which incorporates something which doesn't have a written process?

A. Basically, what you do -- **because we do it all the time**. Not referring necessarily to this process; because, again, we're talking hypothetically, but when a new element comes along, I mean, we look at activities that we know that are going to be similar; because to do certain activities, you're going to have those same similar activities in different processes that you do.

Q So you're able to take cost estimates from different cost studies that are similar in nature and just plug them into this hypothetical new cost study for a new element?

A. Yes. It can be done as long as subject matter experts look at the activities and verify that they are similar.

See Caldwell Sept. 21, 2004 depo tr., at pg. 17 (Emphasis added.). Yet, Ms. Caldwell, in her Direct Testimony submitted in this docket, at pg. 7, claims that this very thing is "impossible." Which one is it?

Second, it is undisputed that both Bellsouth and the FPSC took exactly that same course of action in Docket 990649a-TP. In fact, BellSouth cut-and-pasted, and **occasionally** made a slight modification to the INPUTS_CONNECT&TEST, INPUTS_TRAVEL, and INPUTS_ENGINEERING tabs of the Cost studies for **widely disparate technologies of loops, maintaining exactly the same worktimes, for the same departments / paygrades, for all the various loop types, and merely made minor modifications to the probabilities of occurrence, and probability of dispatch**[13]

Q. WHAT EXACTLY DOES THAT MEAN?

A. Quite simply, that for each work activity listed in Table 3 – INPUTS_CONNECT&TEST set forth hereinbelow, the worktime is **identical** to the worktime for the identical work activity, performed by the same department and pay grade. Table 3 – INPUTS_CONNECT&TEST lists each of the worksteps, by department that are included in the INPUTS_CONNECT&TEST section of the cost study for **each and every element' listed in** Table 4 – FPSC Loop Types with IDENTICAL worktimes. This is an absolute contradiction of the testimony of Ms. Caldwell who stated that the A.1.1 and A.1.2 worktimes and probabilities of dispatch were based upon BellSouths embedded retail experience with 1FR and 1FB service to its customers. Yet in

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[13] Contrary to MS. Caldwell's deposition testimony, wherein she claims that BellSouth did not assume a 100% dispatch rate, BellSouth used the exact same probability of dispatch for residential POTS, business POTs, 4 wire DS1 (T1) service, ISDN BRI, ADSL, 4 wire HDSL loops. Ms. Caldwell testified that the [redacted] figure was specific to POTS, installations, with no inside work, or IWM. If that is true, Bellsouth has identical installation dispatch rates for all products!

its loop cost studies[14] Bellsouth used **identical steps, performed by identical departments, and paygrades, which take identical worktimes, (despite Ms. Caldwell's sworn testimony that the worktimes were independently derived) for each UNE element listed in** Table 4 – FPSC Loop Types with IDENTICAL worktimes. It is quite troubling to learn that BellSouths installation dispatch probability for POTS service is identical to a) 4 wire DS1, b) 2 wire ISDN BRI, c) 2 wire ADSL, d) 4 wire HDSL. It is patently ridiculous to expect Supra to accept that the troubleshooting time at the cross box, and at the customer premises **is identical for each of these** services, given Ms. Caldwell's sworn testimony that they were independently derived, yet the facts are clear and do not support Ms. Caldwell's testimony. Once again, Bellsouth used the same process to arrive at these rates as Supra is using to define the **correct** rate which recovers **only** the costs actually incurred in making a UNE-P to UNE-L hotcut.

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[14] See Supra Exhibit # DAN-45,

Unbundled Network Element Center (UNEC) Work Activities
UNEC pulls order information and assigns to work groups.
Provisioning variables - when UNEC pulls order information (Row 12)
Verifies and ensures accuracy of order design
Creates cut sheets to verify reuse of facilities
Ensures dispatch
Performs frame continuity and due date coordination and testing
Provisioning variables - testing (Row 12)
Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities
UNEC contacts customer and completes order
Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES
Processes requests
Places/removes plug-in at remote terminal
Places/removes cross-connect at crossbox
Checks continuity and dial tone
Trouble resolution at crossbox
Tests from NID
Trouble resolution at premises
Tags circuit
Completes order
WORK MANAGEMENT CENTER (WMC)
WMC coordinates dispatched technicians
CENTRAL OFFICE FORCES (CO)
CO Field wires circuit at collocation site.
CO Field coordinates testing with UNEC and I&M.

Table 3 – INPUTS_CONNECT&TEST

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	FL-2w.xls
A.1.2*	2-Wire Analog Voice Grade Loop - Service Level 2	FL-2w.xls
A.1.8	Engineering Information	FL-EI.xls
A.4	**4-WIRE ANALOG VOICE GRADE LOOP**	
A.4.1*	4-Wire Analog Voice Grade Loop	FL-4w.xls
A.5	**2-WIRE ISDN DIGITAL GRADE LOOP**	
A.5.1*	2-Wire ISDN Digital Grade Loop	FL_DIG.xls

A.5.6*	Universal Digital Channel	FL_DIG.xls
A.6	**2-WIRE ASYMMETRICAL DIGITAL SUBSCRIBER LINE (ADSL) COMPATIBLE LOOP**	
A.6.1*	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop	FL-xdsl.xls
A.6.5	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop (Nonrecurring w/LMU)	FL-xdsl.xls
A.6.6	2-Wire Asymmetrical Digital Subscriber Line (ADSL) Compatible Loop (Nonrecurring w/o LMU)	FL-xdsl.xls
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	FL-xdsl.xls
A.7.5 -	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop (Nonrecurring w/LMU)	FL-xdsl.xls
A.7.6	2-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop (Nonrecurring w/o LMU)	FL-xdsl.xls
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	FL-xdsl.xls
A.8.5	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop (Nonrecurring w/LMU)	FL-xdsl.xls
A.8.6	4-Wire High Bit Rate Digital Subscriber Line (HDSL) Compatible Loop (Nonrecurring w/o LMU)	FL-xdsl.xls
A.9	**4-WIRE DS1 DIGITAL LOOP**	
A.10.1*	4-WIRE 19, 56 OR 64 KBPS DIGITAL GRADE LOOP	FL-4W.XLS
A.14	**4-WIRE COPPER LOOP**	
A.14.1*	4-Wire Copper Loop - short	FL-xdsl.xls
A.14.8	4-Wire Copper Loop - short (Nonrecurring w/LMU)	FL-xdsl.xls
A.14.9	4-Wire Copper Loop - short (Nonrecurring w/o LMU)	FL-xdsl.xls
A.14.7*	4-Wire Copper Loop - long	FL-xdsl.xls
A.14.10	4-Wire Copper Loop - long (Nonrecurring w/LMU)	FL-xdsl.xls
A.14.11	4-Wire Copper Loop - long (Nonrecurring w/o LMU)	FL-xdsl.xls

Q. IN BELLSOUTH'S PLEADINGS, AND MS. CALDWELL'S DIRECT TESTIMONY AT PAGE 8, LINE 5-6, CLAIMS WERE MADE THAT SUPRA SHOULD HAVE, BUT DID NOT ADDRESS THESE ISSUES IN DOCKET 990649-TP. HOW DO YOU RESPOND TO THESE STATEMENTS?

A. The BellSouth response(s) in this regard are patently false. The public record proves it so. The FPSC May 25, 2001 UNE rate order[15] clearly proves BellSouth's assertion wrong. Perhaps BellSouth's confusion comes from the fact that the procedural orders for this docket did not contemplate every witness who pre-filed testimony from actually appearing, (as in this year's TRO hearings), but the final order **clearly** states Supra's testimony was heard:

> Pursuant to a stipulation of the parties, only certain witnesses were required to appear at the July 17-19, 2000, hearing. The prefiled testimony of the witnesses that did not appear was entered into the record and cross-examination was waived. BellSouth's witnesses were Alphonso J. Varner, Daonne Caldwell, Dr. Randall S. Billingsley, G. David Cunningham, and W. Keith Milner. Verizon's witnesses were Dennis B. Trimble, Allen E. Sovereign, Gregory D. Jacobson, and Michael R. Norris. Sprint's witnesses were Kent W. Dickerson, James W. Sichter, John D. Quackenbush, and John A. Holmes. AT&T/WorldCom jointly sponsored John I. Hirshleifer, Jeffrey King, and Michael J. Majoros, Jr. **Supra's witnesses were David Nilson and Carol Bentley**. Z-Tel's witness was Dr. George S. Ford. The Data ALECs jointly sponsored Terry L. Murray and FCTA sponsored William J. Barta.

Q. DID SUPRA ATTEMPT TO MAKE AN ISSUE OF THIS IN THE GENERIC UNE DOCKET 990649-TP?

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[15] PSC-01-1181-FOF-TP.

A. Absolutely, despite the fact that this was no agreement to make UNE-P to UNE-L conversion an identified issue in the Docket[16]. In fact my rebuttal testimony (Supra Exhibit # DAN-40) addressed some 7 pages of testimony regarding the following:

1. the non-recurring costs of "move a cross-connect"[17],
2. "change a carrier code from ILEC to ALEC in the OSS"[18],
3. "non-recurring costs to convert a working circuit to another carrier are different than placing a circuit in operation at a given address."[19],
4. "the current structure of just one non-recurring rate per UNE loop is allowing the ILEC undue enrichment for activities that are not performed."[20],
5. "Yet with the exception of the limited scope of order PSC-98-0810-FOF-TP, most ALECs in Florida are paying charges for placing a loop in service, for the first time, whenever they order a conversion of a working circuit."[21],and
7. "the proper allocation of costs to recurring and or nonrecurring charges[22]."

This testimony was considered by the Commission in setting the non-recurring rate to convert a working[23] retail line to UNE-P of **just 10.2 cents** out of BellSouths request for $90 per UNE-P circuit where no service[23] exists. Of the $90 BellSouth seeks[24][25], just **10.2 cents** is not

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16 The fact that testimony on this issue had to be filed under ISSUE 6 "Under What Circumstances, If Any, Is It Appropriate To Recover Non-Recurring Cost Through Recurring Rates?" is in itself indicative that this issue was not addressed by the Commission In the 1999 Docket.

17 Rebuttal Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-41, Page 9, ln. 9.

18 Id.

19 Rebuttal Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-41, Pg 9, ln 12-13.

20 **Rebuttal Testimony, D. Nilson in 990649-TP, Supra** Exhibit # DAN-41, Pg 9, ln 13-15

21 **Rebuttal Testimony, D. Nilson in 990649-TP, Supra** Exhibit # DAN-41, pg 9, ln19- pg 10, ln 2.

22 **Rebuttal Testimony, D. Nilson in 990649-TP, Supra** Exhibit # DAN-41, Pg 10 ln 4 – pg 13, ln 18, including rebuttal of BellSouth witnesses Varner and Sichter.

23 Or Soft dialtone equipped line.

24 See Interconnection agreement, page 160 of 593, cost based NRC rate for 2-Wire VG Line Port Rates (Res)

25 Consisting of the $49.57 loop NRC, unknown Port NRC and?????

avoided in retail to UNE-P conversion. Similarly, in this case, Mr. Ainsworth testifies that the majority of costs in the FL-2w.xls loop cost study are avoided in a UNE-P to UNE-L hot-cut.

BellSouth is unable to cite to any testimony, or order which would prove its assertion that the Commission actually addressed the issue of UNE-P to UNE-L conversions in the generic UNE Docket, back at a time when a) no CLEC had the ability to order UNE-P from BellSouth, and b) Bellsouth had no inkling that it might be relieved of its obligation to provide UNE-P. In 1999 and 2000, the issue simply was not ripe for adjudication, and the FPSC made no such finding as BellSouth asserts.

Q. DID YOUR TESTIMONY IN DOCKET 990649-TP ADDRESS ANY OTHER ISSUES RELEVANT TO THIS PROCEEDING?

A. Yes. Access to the **same** look makeup information that is available to the ILEC, not a "CLEC version" "It has been Supra Telecoms experience to date that ILECs (such as BellSouth) refuse to provide LFACS data so that the ALEC will have no way of knowing whether or not a particular customer can be provided ... Service"[26] and "...ALECs should be allowed full access to databases such as LFACs which are needed to determine the quality of the loop..."[27]

BellSouth did provide a "CLEC LFACS" interface into LENS, which is particularly oriented for xDSL loop provisioning and leaves out significant information readily available to BellSouth personnel regarding the configuration of the DLC systems servicing the customer. Supra gets a single field identifying an equipment type, but zero

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[26] Direct Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-40, pg 13, ln 1-3
[27] Direct Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-40, pg 13, ln 8-9

information, for example, if that DLC box is operating in UDLC or IDLC mode. Supra's ability to intelligently engineer loops which it wants to convert to UNE-L is thus hampered by the restricted dataset presented by "CLEC LFACS" a.k.a. the Loop Qualification System ("LQS").

The Commission should revisit this issue and order Bellsouth to provide CLECS the same loop makeup information it provides itself, not a watered don version suited only for xDSL decision making.

Q. IN HIS DIRECT TESTIMONY PAGE 1, LN. 15, MR. AINSWORTH SUMMARIZES HIS BACKGROUND AND EXPERIENCE. WHAT DOES THIS TESTIMONY MEAN TO THE ISSUES IN THIS DOCKET?

A. Mr. Ainsworth's testimony identifies specific experience in at least 6 of the departments contained in BellSouth's October 8, cost study[28] for nonrecurring cost of A.1.1 and A.1.2 elements[29], and in several other departments which support, or provide oversight to these departments.

What Mr. Ainsworth does **not** profess knowledge of is also significant.

1. **He is not responsible for the structure of, the workitem lists** contained in, or the worktimes recorded for the various inputs in the Oct 8 cost study.[30] In fact, Mr. Ainsworth has no direct responsibility with anything that has to do with the creation

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[28] i.e. the October 8, 2001 Compliance Cost study Filing, Revision 1, in Docket 990649a-TP ("Oct 8 study")

[29] Worksheet FL-2w.xls.

[30] See Ainsworth Sept. 21, 2004 depo. Tr., pg. 13.

of a cost study.[31] For that one must rely on the cost study expert, according to Mr. Ainsworth.[32]

2. (With regard to the various worktimes, while Ms. Caldwell deferred to Mr. Ainsworth on the specific times, Mr. Ainsworth deferred back to the cost study expert[33], and under examination, back to network department SMEs. He testified to be able to estimate these times but not be precise.[34]

3. Mr. Ainsworth does not testify that the process, departments, or worksteps contained in the October 8 cost study are the correct steps, or times to perform a UNE-P to UNE-L hotcut. In fact during step-by-step analysis of the October 8 cost study as compared to Mr. Ainsworth's hot-cut process, 5 of the 8 departments[35] are **not** involved in the hot-cut process for copper or UDLC[36], and the worktimes for the largest, and smallest of the two remaining departments are slashed in half. Simply put, Mr. Ainsworth's hot-cut process for copper / UDLC served UNE-P lines is not accurately described by the October 8 Cost study.

4. Mr. Ainsworth does not testify that the costs recovered by the COVAD crossconnect (H.1.9) are additional costs which Bellsouth is entitled to recover, which are not already recovered in the A.1.1 and A.1.2 nonrecurring cost study. BellSouth is double recovering these costs under its current billing practice toward Supra.

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31 See Ainsworth Sept. 21, 2004 depo. Tr., pg. 18.
32 See Ainsworth Sept. 21, 2004 depo. Tr., pg. 54, 87.
33 See Ainsworth Sept. 21, 2004 depo. Tr., pg. 87, 117.
34 See Ainsworth Sept. 21, 2004 depo. Tr., pg. 54.
35 For which cost is recovered in the October 8 study, plus the travel component of I&M, also eliminated.
36 and their function is not replaced by any other

Q. HOW IS THIS IMPORTANT?

A. While much of Mr. Ainsworth's testimony is verbatim from what he filed in 030851-TP[37] TRO docket, in his Direct Testimony, page 2, lines 13-18, Mr. Ainsworth adds the claim that his testimony will disprove Supra's assertions regarding the difference in the processes involved in a UNE-P to UNE-L hotcut as compared to what BellSouth is currently recovering for CLEC customers for A.1.1 and A.1.2 nonrecurring charges[38]. Based upon his deposition testimony, it is impossible for him to demonstrate Supra's assertions are incorrect. In fact, he substantiates Supra's claims.

Mr. Ainsworth's direct testimony in this docket, originally written addressing the TRO needs[39], is now an attempt to map the new and efficient procedure into a 5 year old cost study which includes cost recovery for 5 departments which **do not even participate** in a hot-cut, **according to Mr. Ainsworths prefiled and deposition testimony! Mr. Ainsworth** unequivocally admits that the work activities currently being recovered by the A.1.1 and A.1.2 are indeed different than what is actually done in a UNE-P to UNE-L hotcut. Nowhere in his testimony does he even attempt to substantiate his claim that the Oct 8 cost study is not different from his hot-cut process.

Q. BESIDES THE DEPARTMENTS NOT INVOLVED IN THE PROCESS, AND THE WORKTIMES WITHIN INVOLVED DEPARTMENTS WHICH ARE NOT ACTUALLY PERFORMED, ARE THERE OTHER ISSUES BETWEEN THE OCTOBER 8 COST STUDY AND MR. AINSWORTH'S HOT-CUT PROCESS?

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37 State review of ILEC unbundled switching requirements relative to the FCC TRO order.
38 Including charges for all related items, including the double recovery of the cost connect charge.
39 I.e. Speed, efficiency, scalability, available NOW!

A. Yes, several.

First, despite deposition notices requesting person(s) most knowledgeable, neither of BellSouth's witnesses have been able to speak with precision about the specific worktimes used in the cost study.

Second, and more fundamental, the structure of the two processes are fundamentally different. The current cost structure contemplates a single NRC for SL1 and SL2 loops respectively. Mr. Ainsworth's hot cut testimony contemplate **three such processes per loop type** – "individual, project and batch..."[40], i.e. three separate NRC rates for A.1.1 and A.1.2 respectively. It is undisputed that there must be a different rate for **at least two** of these processes, i.e. individual and batch. Ignoring all FCC testimony and orders proving the need for different rates, we still have the 030851-TP testimony of BellSouth's John Ruscilli:

> **Q. MR. VAN DE WATER (PAGES 27-28) AND MR. GALLAGHER (PAGE 14) CRITICIZES BELLSOUTH FOR NOT FILING THE COST STUDY YOU MENTION IN YOUR TESTIMONY (RUSCILLI DIRECT, P. 18). IS A COST STUDY RELEVANT TO THIS PROCEEDING?**
>
> A. No. The cost study BellSouth conducted of the batch hot cut process was done using BellSouth's cost model **with the inputs BellSouth contends are correct**. The estimated costs for the batch hot cut process were less than the original filed costs for the standalone loop; **however, they were still higher than the ordered loop rates set by this Commission because of the adjustments made by the Commission to the inputs**. To account for the Commission's Order, BellSouth applied the same adjustments and discounts that the Commission applied to BellSouth's filed costs for the loop that established the individual hot cut rate to the estimated batch hot cut rates. **This resulted in the proposed batch hot cut rate being approximately 10% below the ordered loop rate.** The rate is driven, therefore, not by BellSouth's cost study so much as by the Commission's UNE Cost Order. (Emphasis Added)

Supra Exhibit # DAN-24, surebuttal testimony of John Ruscilli, pg 17, lns 4-19

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[40] Direct testimony Ainsworth, pg 3, and ln. 2.

Yet, BellSouth now maintains that a batch hot cut process cost study was begun, but never completed. See Caldwell Sept. 21, 2004 depo tr., at pg. 6. This Commission can choose to believe Mr. Ruscilli or it can choose to believe Ms. Caldwell, but it cannot choose to believe both. Either way, BellSouth has yet to produce any cost study which directly addresses a UNE-P to UNE-L conversion, bulk or otherwise. To the best of Supra's knowledge, no CLEC is getting the benefit of a bulk rate. Supra did not,[41]. Yet it is indisputable that there should be two, or more, rates for NRC per loop type.

Only a single rate exists, and that rate only addresses BellSouth's recovery for performing the work to place a new loop into service. It does not address an already working UNE-P line to be converted to UNE-L.

Q. SHOULD THE SAME RATE BE USED FOR LOOP NRCS?

A. No. The FCC directed that the efficiencies of batch conversion be explicitly addressed In the TRO proceeding. Beyond that, Bellsouth arrived at a voluntary admission that the batch hot cut should be (at least) 10% lower than the A.1.1 rate, based on a cost study they have not filed and which Ms. Caldwell testified was never completed.

We have no reason to believe that the mysterious hot cut cost study does not erroneously have the additional 5 departments worktimes included per Ms. Caldwell in contradiction of Mr. Ainsworth[42], or how Mr. Ruscilli can conclude it is **only** 10% less if the study was never

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41 Up until BellSouth refused to continue **doing** bulk conversion for Supra altogether, citing manpower limitations.

42 **Who testified he** was not directly involved in the preparation of the cost study at all. See Ainsworth Sept. 21, 2004 depo. Tr., pg. 13.

completed[43], **but** we do know that the 10% savings **were based on ignoring every FPSC ordered factor or adjustment to the BellSouth cost studies in 990649-TP[44]!** How do we know this? Mr. Ruscilli says so in his rebuttal testimony, cited hereinabove.

The import of this is huge. BellSouth's initial cost study filing for the loop NRC **was significantly larger[45]** than what the FPSC ultimately approved. The magnitude of this difference is documented below in Table 5

ELEMENT TYPE	BELLSOUTH AUGUST 16, 2000 COST STUDY	FPSC AWARD	DIFFERENCE
A.1.1	[redacted]	$49.57	[redacted]
A.2.2	[redacted]	$135.75	[redacted]

Table 5 – Difference between FPSC award and "..the inputs BellSouth contends are correct"

The net effect is that if BellSouth had used the FPSC ordered adjustments in the mysterious / fictitious cost study testified to by Mr. Ruscilli, the cost reduction would be more significant than the 10% testified to by Mr. Ruscilli, as it would also include the [redacted] in FPSC ordered adjustments, which BellSouth still opposes and refuses to use in its calculations unless ordered to do so

Even more disturbing is the fact that, after BellSouth submitted its compliance filing in October 2000, which was intended to precisely duplicate the rates ordered by the Commission, the BellSouth calculated NRC for the A.1.1 cost study was only $46.50, based on the Commission ordered adjustments and a correction made by BellSouth to the WMC input. See

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[43] Caldwell Deposition.-

[44] See Supra Exhibit # DAN-24, surebuttal testimony of John Ruscilli Docket 030851-TP, pg 17, lns 4-19, particularly **12-14**

[45] See Supra Exhibit # DAN-24, surebuttal testimony of John Ruscilli Docket 030851-TP, pg 18, LN. 6-8

Caldwell Sept. 21, 2004 depo tr., at pg. 23-4. Yet, the Commission kept the rate at $49.57, $3.07 higher than what it should have been. BellSouth has quietly been over-recovering its costs by this amount on every newly installed SL1 and SL2 loop since this rate was put into effect. Supra suggests that this Commission correct this oversight as it pertains to the non-recurring costs of installing a new SL1 loop, as BellSouth has been receiving a windfall since May 2001.

Q. DOES THE BULK, OR ANY OTHER HOT-CUT COST STUDY TESTIFIED TO BY MR. RUSCILLI EVEN EXIST?

A. BellSouth has had two years and three dockets to produce it in, and they have so far not offered anything other than the August 16, 2000 cost study **which this Commission already found invalid,** despite specific discovery requests to produce it. This, coupled with Ms. Caldwell's deposition testimony that it was never completed, and that she would be aware of any other BellSouth cost study created for regulatory filings, Supra can only conclude that to this very date, BellSouth does not have a cost study which describes the UNE-P to UNE- L hotcut process.

Q. AT PAGE 9, LN 10 TO PG 10, LN 6 MR. AINSWORTH IDENTIFIES BELLSOUTH'S INDIVIDUAL HOT CUT PROCESS. DOES SUPRA ACCEPT THIS PROCESS?

A. Generally, yes. While specific worktimes have yet to be addressed by BellSouth in response to Supra's discovery, or by the designated corporate witnesses deposed for this specific purpose, the process itself remains a viable basis for cost recovery.

Q. DOES SUPRA STILL HAVE ISSUES WITH BELLSOUTH'S HOT-CUT PROCESS AS TESTIFIED TO BY MR. AINSWORTH?

A. Yes. They are as follows:

1. Specific worktimes have yet to be addressed by BellSouths response to Supra's discovery, or by the designated corporate witnesses deposed for this specific purpose. While many departments have been eliminated from the cost study, Supra does not yet endorse the worktimes for those steps which remain; notably for the CWINS, CO Forces and I&M departments, among others.

2. BellSouth substantially reduced the worktimes for the WMC center[46] but admits that the single worktime listed is for both outside plant and Central office dispatch, but BellSouth cannot identify what fraction is for CO dispatch so the avoided cost of outside plant dispatch may be omitted where necessary.

3. Supra has been encouraged by the process improvements already completed, including the implementation of the e-mail notification processes, but Supra does remain concerned about the frequency of customer outages within 48 hours after conversion, after having been burned by this "feature" of the BellSouth OSS for resale orders in 1997-98, and UNE-P orders in 2001-2002 timeframes,

4. Furthermore, regarding the No Dial Tone (and other) loop outages following conversion, BellSouth recovers the cost for performing troubleshooting at the crossbox and the premises in the INPUTS_CONNECT&TEST, SSI&M and I&M department section of the October 8 Cost **study**[47], yet Bellsouth **continues to bill Supra, $80, 90, $110, up to $150 per occurrence** to repair these BellSouth caused outages, in some cases taking at least 4 such extra cost trips at Supra's expense to repair the outage caused by BellSouth's process.

5. The interconnection agreement between the parties specifies a completely different hot-cut process for UNE-L which was ordered to be placed into our agreement by the Commission based upon the AT&T arbitration in which Supra was not a party. The interconnection agreement

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[46] Although it reduced it worktime tenfold between the August 2000 and October 2001 cost studies, BellSouth continues to recover **ten times** the worktime filed in the October 8, 2001 cost study as the Commission considered this 10x factor as reported by the August 16, 2000 cost study and BellSouth did not seek to correct this error because it believed the FPSC factors were incorrect and t hat it was entitled to more.

[47]

should be amended to use the most efficient and forward looking process available.

Q. IN A PURE ANALYSIS – WHAT IS A HOT-CUT?

A. It is quite simply, exactly what BellSouth witnesses testified that it is during testimony in Docket 03-0851TP. That is:

> A hot cut, simply defined, is moving a jumper from one location to another. The hot cut itself involves basic network functions and skills that are used repeatedly in BellSouth's Network every day. The extensive number of customers being served in Florida by a combination of a BellSouth loop and a CLEC switch demonstrates that BellSouth has a hot cut process that works.

(Supra Exhibit # DAN-23 Direct Testimony of Kenneth Ainsworth in Docket 030851-TP at page 3)

> The hot cut case is simple because it involves a process that has been around for 100 years – moving a jumper from one location to another. BellSouth can do it, AT&T can do it, and MCI can do it.[48]

A hot cut is no less, but most importantly by BellSouth's sworn testimony, it is no more, either.

Q. IS THIS AN OVERSIMPLIFICATION OF THE ACTUAL BELLSOUTH PROCESS?

A. In my Direct Testimony I answered this question as follows:

> A. Perhaps, but if so the confusion is caused by BellSouth in pursuing the mutually exclusive goals of TRO simplicity, and achieving a maximum rate in this Docket. On the one hand, BellSouth asserts that each and every one of the steps costed in the A.1.1 and A.1.2 NRC cost study[49] **are actually performed and properly costed** before this commission **even though the exact process was**

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[48] See Direct Testimony of BellSouth's John A. Ruscilli in Docket No. 030851-TP, pg. 13, filed December 4, 2003.

[49] **Indeed, BellSouth asserts that the August 16, 2000 cost study (Supra Exhibit # DAN-6, file FL-2w.xls) is** the appropriate cost study (even though it does **not** reflect FPSC ordered adjustments which lowed BellSouth's $71+ estimate to the $49.57 rate we have today for a new A.1.1 loop.

developed and revised much later,. All told, this cost study accumulates the **thirty four (34)** individual work activities, performed by **nine (9)** different paygrades, in **seven (7)** separate departments. BellSouth now claims that such is a true and accurate assessment of its work activity in this docket where BellSouth is seeking the maximum possible rate. Yet, in the TRO proceeding, where the burden of proof is unequivocally on BellSouth, the hot-cut is defined by just **five (5)** work activity steps performed by three (3) departments.

Again, it has become crystal clear from the deposition of Mr. Ainsworth that the hot-cut process BellSouth actually uses, and is defined and described by the testimony of Mr. Ainsworth and Mr Milner in various Dockets is not the process for which the FL-2w.xls cost study describes.

Neither does the hot-cut process as defined by Mr. Ainsworth address any of the 8 Alternatives that he testifies to. In essence, there is no record evidence that states that Bellsouth a) is seeking, b) is entitled to, or c) is different than the work activities already testified to by Mr. Ainsworth. Lacking such testimony, or evidence, the rate should be based upon the process testified to by Mr. Ainsworth, and Bellsouth should be denied further cost recovery.

Q. DID BELLSOUTH EVER ACTUALLY PREPARE A HOT CUT COST STUDY?

A. No, despite Mr. Ruscilli's testimony in Docket 030851-TP , according to Ms. Caldwell (CITE Depo).

Q. IN YOUR DIRECT TESTIMONY YOU WERE ASKED "ACCORDING TO MR. AINSWORTH'S SWORN TESTIMONY IN THE TRO SWITCHING DOCKET,

030851-TP, WHAT PORTIONS OF THE FL-2W.XLS COST STUDY[50] ARE NOT LEGITIMATELY INCLUDED IN A HOT CUT NON-RECURRING COST? " HAS ANY NEW INFORMATION BEEN PROVIDED BY BELLSOUTH WHICH EITHER PROVES OR REFUTES YOUR INITIAL POSITION?

A. There are numerous worksteps of the [redacted] departments. A graphical comparison of these differences is seen by comparing Table 1 - Nonrecurring Labor tab from the October 8, 2001 cost study A.1.1 and A.1.2 to Table 2 - Nonrecurring Labor tab from the Supra Exhibit # DAN-45 Group 1 Copper UDLC Cost study cost study A.1.1 and A.1.2 showing the departments removed and worktimes reduced from the hot-cut cost recovery by Mr. Ainsworths deposition testimony, above. This alone should prove Supra's case, however to be specific and precise, the following issues which **are contained** within the NRC rate set for A.1.1 and A.1.2 elements **are not contained** within Mr. Ainsworth's hot cut definition[53], or flowchart[54] :

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50 Supra Exhibit # DAN-9, the OCTOBER 8, 2001 Compliance filing study

51 In my Direct testimony I testified to 9 department/paygrades. This was before Supra detected the inadvertent "multiply by zero" error in BellSouths October 8 cost study which resulted In the worktimes for the WMC department being nullified for A.1.1 element. Had the cost study been properly prepared, my earlier testimony would have reflected ten (10) department / paygrades.

52 11 for the A.1.2 element

53 Supra Exhibit # DAN-23 Direct Testimony of Kenneth Ainsworth in Docket 030851-TP at page 10

54 See Supra Exhibit # DAN-31 for Exhibit KLA-1 to Mr. Ainsworth's testimony.

Q. SUPRA IS FILING A REVISED COST STUDY (SUPRA EXHIBIT # DAN-45) TO REPLACE ITS EARLIER FILED STUDY (SUPRA EXHIBIT # DAN-9). WHY IS THAT AND WHAT ARE THE DIFFERENCES?

A. As a result of discovery received since filing testimonies, and the deposition testimony of Ms. Caldwell, and the currently incomplete deposition of Mr. Ainsworth, new information has been provided which:

1. Explicitly eliminates certain departments from participating in a UNE-P to UNE-L hotcut where the lop is served by Copper / UDLC [redacted] of all Bellsouth loops…)
2. Explicitly eliminates certain worksteps from the remaining [redacted] departments[55].
3. Addresses Ms. Caldwell's concern that worktimes were zeroed instead of the probabilities being adjusted.
4. Addresses the new information that [redacted] referred to by Mr. Ainsworths testimony.
5. Deals with the inconsistent method in which the probabilities were, or were not, included in formulas In the October 8 cost study.
6. Corrects undetected BellSouths errors in the October 8 cost study.
7. Indicates that Supra's reliance on Mr. Ainsworths testimony that "only 2:39" is needed to perform the hotcut in the Central office.

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[55] Listed in the October 8 2001 cost study.

8. Addresses fully the A.1.2 installation, the installation of subsequent A.1.1 and A.1.2 loops, and addresses the first and subsequent disconnect of the A.1.1. and A.1.2 loops. Supra's earlier cost study was incomplete except for the first install of the A.1.1 loop.

9. Addresses the double recovery of cost, disconnect where the October 8 cost study recovers the identical cost, for the identical activity **from both the disconnecting CLEC and the carrier to whom the line is being transferred.**[56]

While BellSouth may still not be ready to endorse Supra's cost study as being reflective of hotcuts form/to Copper/UDLC, this cost study represents Supra's best efforts to craft a cost study **based upon BellSouth testimony and discovery** so that an agreement might be reached.

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[56] This includes Bellsouth and / or all other CLECs. Where Bellsouth recovers a cost of performing a step on installation, the disconnecting carrier cannot be charged the same cost recovery, **even if the new carrier is BellSouth, who must pay its own share of installation costs and not place that burden upon the CLEC as it has done in this cost study.**

Q. WHAT SPECIFIC CHANGES WERE MADE TO THE BELLSOUTH COST STUDY TO CREATE THE REVISED GROUP 1 COST STUDY FOR UNE-P LOOPS WHICH REMAIN SERVED BY COPPER OR UDLC BEFORE AND AFTER THE CONVERSION?

IV.B. General

All worktimes previously modified in Supra's earlier revision of this cost study were restored the he BellSouth values (unless noted below) and the probabilities were altered per Ms. Caldwell's concerns.

[redacted]

[57] Which has no real effect as the probability is also zero.

[redacted]

[58] And the affidavit of Mr. Keith Milner in the Florida / Tennessee 271 proceeding.

[redacted]

[redacted]

Q. WHAT SHOULD THE RATE BE FOR NON-IDLC LINES?

A. The rate should not exceed $7.53 install / $0.7606 disconnect for SL1, and $8.69 / $0.7606 for SL2.

Q. ARE THERE ISSUES WHERE BELLSOUTH DOES NOT AGREE WITH THE SUPRA COST STUDY.

A. We don't know yet. They should with the exception of the worktimes for the CO Forces, and possibly the issues regarding the double recovery in disconnect of charges recovered from the next carrier. Otherwise this is as close to Mr. Ainsworths testimony as we could possibly make it.

Q. WHAT RATE DOES THE SUPRA COST STUDY INDICATE FOR A UNE-P TO UNE-L CONVERSION WHERE THE UNE-P LOOP IS SERVED BY COPPER OR UDLC?

Based upon Mr. Ainsworths deposition and the Supra cost study modified as stated above, Supra's previous position of $5.27 cents has changed to $7.53 install / $0.7606 disconnect for SL1, and $8.69 / $0.7606 for SL2.[59]. We have still been unable to depose anyone who can

[59] A.1.1, $.70 for A.1.2. See Supra Exhibit # DAN-45

testify as to the exact worktimes in the CO forces[60] with specificity, much less to resolve the difference between Mr. Ainsworth's testimony that the Central Office Forces take just 2:39 to actually perform a hot cut, BellSouths attempt to recover 15/20 mins for this activity, and new Bellsouth discovery which indicates they now seek 21/??? Minutes for this activity. Resolving this will have a noticeable effect on the final cost ranging between an final rate of $4.xx to $12.00. To date BellSouth has not provided any substantive responses to Supra's discovery requests to document precisely what work activities the BellSouth claim of 15 min(SL1) and 20 min (SL2) consist of except a list of work activities[61] which contain duplicative and avoided tasks[62] and a more recent list[63] containing activities and times which amount to **26 minutes** of the 10 minutes BellSouth claims for a SL1 Conversion. Supra will inevitably have to file one more revision to the cost study as a result of the upcoming round of depositions.

Q. ARE THESE THE LOWEST RATE(S) THE COMMISSION SHOULD CONSIDER?

A. No. There are substantive issues surrounding the fact that Supra left in its cost study certain work activities included In the A.1.1 / A.1.2 cost study (as described above) due to BellSouths refusal to provide information on said activities, which were later revealed to be absent from Mr. Ainsworth's TRO hot cut flowchart[64], or the Affidavit of Mr. Keith Milner in the Florida / Tennessee 271 proceeding.

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60 Or any other department.
61 But no times.
62 Per Deposition of Daonne Caldwell.
63 Created last February at my request but never sent to Supra until last weekend.
64 *See Supra Exhibit # DAN-31*

As such, Supra's cost study has been compromised by the current lack of discovery from BellSouth, and a full and open cost proceeding could, should, and will arrive at a lower rate still.

Q. DOES THIS FULLY ADDRESS THE ISSUE 3 COST ANALYSIS?

A. No. A bulk conversion process is mandated by the FCC and quite essential when one considers that Supra has upwards of 20,000 UNE-P lines in some offices. BellSouth has proposed a bulk conversion process, and even created a cost study. Once Supra has had a chance to review BellSouth's cost study and proposed worktimes and processes, it will be in a better position to state exactly what the appropriate costs should be for such.

Q. WHAT DOES THAT LEAD YOU TO CONCLUDE ABOUT A BULK HOT CUT RATE FOR LOOPS SERVED BY COPPER OR UDLC?

A. It must be **at least 10%** less than the individual hot-cut cost, but again, until Bellsouth shares the process and identifies the cost savings as requested, we cannot be more explicit.

V. ISSUE 4 - SHOULD A NEW NONRECURRING RATE BE CREATED THAT APPLIES FOR A HOT-CUT FROM UNE-P TO UNE-L, WHERE THE LINES BEING CONVERTED ARE SERVED BY IDLC, FOR (A) SL1 LOOPS AND (B) SL2 LOOPS? IF SO, WHAT SHOULD SUCH NONRECURRING RATES BE?

Q. AT PAGE 9, LN 10PG 10, LN 6 MR. AINSWORTH IDENTIFIES BELLSOUTHS INDIVIDUAL HOT CUT PROCESS. DOES SUPRA ACCEPT THIS PROCESS FOR IDLC CONVERSIONS?

A. Yes. Although Mr. Ainsworth does not offer any specific changes, or versions of this procedure to implement the "8 Methods" for IDLC conversion which he testifies about, the reason for that may be understood by previous testimony of BellSouth witnesses in 990649.

Q. IN DEFINING "NON-RECURRING COST", SHOULD SUBCATEGORIES BE RECOGNIZED IN DEALING WITH WHETHER THE COST SHOULD BE RECOVERED AS NONRECURRING OR RECURRING?

A. Yes. Task related non-recurring costs that repeat, each time an ALEC or ILEC places a service order are a legitimate non-recurring charge. For example, the non-recurring cost to move a cross-connect, or change the carrier code from ILEC to ALEC in the OSS is directly related to the service provisioned.

Within that category, non-recurring costs to convert a working circuit to another carrier are different than placing a circuit in operation at a given address. The current structure of just one non-recurring rate per UNE loop is allowing the ILEC undue enrichment for activities that are not performed. For example, the non-recurring cost to combine NID, Subloop distribution and

Subloop feeder components together into a full loop to the customer is a cost that is substantially higher than the non-recurring cost to switch an existing, in-service loop from one carrier to another. Yet with the exception of the limited scope of order PSC-98-0810-FOF-TP[65], most ALECs in Florida are paying charges for placing a loop in service, for the first time, whenever they order a conversion of a working circuit.

The non-recurring costs of infrastructure, purchase, and construction is a cost to be shared by the carriers using the facility, over the useful life of the facility. Beyond this point the cost model needs to deal with the facility in a different fashion depending upon whether it remains in service or not.

Q. DOES THE TESTIMONY OF BELLSOUTH WITNESS VARNER AND SPRINT WITNESS SICHTER IN DOCKET 990649-TP SHOW ILEC AGREEMENT ON THIS ISSUE?

A. A. Yes. Sprint witness Sichter states that "To the extent that high non-recurring charges are a significant barrier to competitive entry, it may be appropriate to require at least a portion of those non-recurring charges through recurring rates. This is in recognition of the FCC's continued efforts to ensure that such non-recurring rates could and might be used by an ILEC to prevent a new competitive carrier from competing with the ILEC in a given area or on a specific

[65] Page 55-56

product. Unfortunately his final conclusion on this issue ignores this statement in favor of financial protection for the ILEC.

BellSouth witness Varner then goes on to make statement that "In a competitive environment, a provider's ability to predict how long an ALEC will remain on the provider's network is limited "[66]. Sprint witness Sichter states "... the incumbent LEC is financially exposed if the ALEC discontinues service before the non-recurring costs are fully recovered."[67] Whether it is the high cost burden of current non-recurring charges that causes an ALEC to discontinue leased services, or other reasons, both Sprint and BellSouth indicate that users of facilities will change over the life of the facility.

In spite of their recognition that there must not be barriers to entry in the competitive market, and that the users of facilities will change over time, both ILEC witnesses go on to ask the commission for financial protection from an ALEC who cancels service early!

This limited view of reality is trying to deal with non recurring costs related to the first user, rather than the life of the facility. It ignores the fact that over the useful life of the facility, the ILEC itself may well be a user of the facility. It also ignores the fact that due to universal service, a large portion, if not all of the listed UNEs would have to be constructed anyway. Therefore when an ALEC is not leasing a specific UNE, the ILEC may still be generating revenue from it, either by leasing or from Universal Service funds.

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[66] BellSouth witness Varner page 33, line 13.
[67] Sprint witness Sichter page 26, line 3.

The non-recurring infrastructure charges should be apportioned between the ILEC and all ALECs based upon who has "ownership" of the facility in a given month. These charges should be assessed throughout the amortized life of the equipment. Any attempt to charge non-recurring infrastructure costs to the first user of a facility at a higher rate than subsequent users of the facility violates creates an unnecessarily high barrier to entry.

Q. HOW DOE THESE POSITIONS FROM THE GENERIC UNE DOCKET IMPACT THE DECISIONS IN THIS DOCKET?

A. Simply put, the costs for constructing, or adding facility capability must be spread across all ultimate users and not concentrated upon the first carrier who utilized the new arrangement. As such the non-recurring costs for alternative 7 &8 should be recovered through a recurring charge, and the nonrecurring charges for actually using the new facilities be the same fro Alternative 3 a for 7&8. Similarly the NRC for Alternative 5 and 6 should be the same, with the installation costs for Alternative 6 are recovered through a recurring charge, such that the NRC for Alternative 5 & 6 are identical.

Q. CAN YOU PROPOSE A TEST TO DETERMINE WHETHER A COST SHOULD BE INCLUDED IN THE RECURRING CHARGE?

A. Well defined, repetitive costs related to service provisioning should remain non-recurring costs. However the cost of placing a loop in service should recognized as substantially different from converting an existing, in-service loop from one carrier to another. The non-recurring rates

set by this commission should reflect these very different costs. This is true whether the new carrier is provisioning service via UNE combination[68] or directly from their own facilities based equipment.

This test addresses witness Varner and Sichters concern[69] that an ALEC might cancel service earlier than expected. The ALEC is billed direct costs of provisioning service as a non-recurring rate, and construction costs are assessed to all users over the life of the facility.

Another test for whether a non recurring cost should be separate from the recurring charge are ICB charges. Typically all ICB costs are actually infrastructure construction – they vary depending on physical circumstances and cannot be modeled specifically. ICB charges should be included in recurring rates where they get picked up by the cost model and apportioned to all users.

Q. ARE THERE TRULY 8 DIFFERENT METHODS?

A. No. Yet there should be at least one additional method which has not been addressed on this list.

First, after reflecting on the cost recovery rules stated above, there are not 8 distinct methods, as 3 of the methods (Alternatives 6, 7, and 8) are simply doing infrastructure re-arrangement, or construction in anticipation of using the constructed facilities to actual do a

[68] As provided for by this commission in PSC-98-0810-FOF-TP, conclusion on pages 55-56.
[69] As testified to in 99-0649-TP.

conversion via Alternative 5 (from Alternative 6) or Alternative 3 (from Alternative 7 or 8). As previously testified to by BellSouth witnesses Varner and Sichter outlined above, it is BellSouth's position that to be in compliance with FCC orders, such infrastructure construction is properly recovered under a recurring cost, not a non-recurring charge imposed on the "first adopter", but spread evenly across all carriers, CLEC or ILEC, who benefit from that facility. Therefore Alternatives 6, 7 and 8 should not be separately addressed from the root alternatives 3 and 6, but included as single groups.

Q. HOW CAN ONE CLASSIFY THE "8 METHODS" FOR CONVERTING IDLC SERVED UNE-P TO UNE-L IN SIMPLE TERMS?

A. Supra uses the following designations:

Alternative 1 – Convert IDLC served loop to Copper (Method 1 full loop reassign)
Alternative 2 – NGDLC virtual Remote Terminal on existing loop.
Alternative 3 – Convert IDLC Served loop to Copper – (Method 2 subloop reassign), or UDLC
Alternative 4 – Utilize INA or other DCS connected IDLC system on existing loop or move to such system.
Alternative 5 – Class 5 switch – Switch mod hairpin to sidedoor for newer Lucent switches.
Alternative 6 – move service to a different loop so that Alternative 5 may be utilized
Alternative 7 – Install UDLC system(s) so that Alternative 3 may be used.
Alternative 8 – Convert IDLC to UDLC so that Alternative 3 may be used.

Q. WHAT IS THE NINTH METHOD WHICH SUPRA REQUESTED FROM BELLSOUTH, BEFORE BEING GIVEN A COPY OF THE "8 METHODS"?

A. Additionally, Supra originally suggested to BellSouth that due to the vast numbers of Supra customers[70], that BellSouth move[71] all Supra lines in a remote terminal on one or more DLC(s) assigned for Supra use. After discussion on this issue, BellSouth asked if Supra was willing to pay for the entire DLC system, whether fully used or not. Supra agreed, anticipating that the UNE elements identified by Element A.3.x could be used.

(Not identified by BellSouth)

Alternative 9 - Lease Supra entire IDLC systems at the rates established by this commission for elements for A.3.x, sited in a remote terminal.

However, despite providing a CLEC ordering manual for this UNE[72] BellSouth has refused outfight to allow Supra to purchase this method of access to Subloops when it exists in a remote terminal or b to have the A.3.x element connected to a BellSouth subloop. According to BellSouth, the A.3.x loop concentration system cannot be used with a BellSouth provided subloop (A.2.x), even though the BellSouth product manager, Jerry Latham, has told Supra it is technically feasible to do so.

Q. IS THERE A WAY TO SIMPLIFY THE COPPER UDLC AND THE NINE IDLC CONVERSION METHODS SO AS TO AVOID PRODUCING 11 DIFFERENT COST STUDIES FOR THIS ISSUE?

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[70] approximately ½ of all competitive lines statewide based upon Last March's TRO testimony

[71] i.e. "groom".

[72] See Supra Exhibit # DAN-51, BellSouth UNE Loop concentration CLEC manual.

A. Yes. Supra has combined these alternatives into groups for analysis of cost based upon the work to be actually done, and ignoring construction of facilities, which by BellSouth's own testimony, is properly supported under the existing structure to capture recurring costs.

These groups are:

Issue 3

Group 1 – Copper or UDLC served UNE-P loops[73].

Issue 4

Group 2 – IDLC Alternative 1, 3, 7 and 8. – Move to copper or UDLC[74].
Group 3 – IDLC Alternative 2 – NGDLC virtual Terminal[75]
Group 4 – IDLC Alternative 4 – INA and DCS served IDLC (similar to Group 3)[76]
Group 5 – IDLC Alternative 5 and 6 – Switch Side door (similar to Group 3)[77]
Group 6 – Use of the A.3.x UNES connected to A.2 subloops in a remote terminal.

When the alternatives are grouped in this fashion, it becomes quite simple to apportion the costs for the various methods into individual rates for separate activities (such as Supra has requested in this Docket), or into a more monolithic statewide rate as advocated by BellSouth. It is a simple matter of allocating the methods by the factors which define the distribution of such devices within the BellSouth network. By apportioning the costs based upon the statewide deployment, BellSouth's interests are protected – they may achieve full cost recovery without having to resort to a single monolithic NRC rate statewide. And Supra then pays only for what it uses, and is not compelled to subsidize another CLEC's[78] business plan by paying for labor it never enjoys. Similarly, the weighted average of the various group rates will equal the statewide rate, if the latter was properly calculated in the first place.

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73 See Supra Exhibit # DAN-45
74 See Supra Exhibit # DAN-46
75 See Supra Exhibit # DAN-47
76 See Supra Exhibit # DAN-48
77 See Supra Exhibit # DAN-49
78 Or BellSouth

Q. HOW SHOULD SO MANY DIFFERENT PROCESSES, EACH WITH ITS OWN COST, BE ADDRESSED BY THE COMMISSION IN SETTING A RATE?

A. Supra believes the rate should reflect the work actually done on its behalf as this Commission previously ordered in PSC-01-1181-FOF-TP, and if there must be a single IDLC conversion rate, than that rate must be weighted appropriately based upon the percentage of loops served by a given "alternative" technology. Based upon BellSouth's response to Supra Interrogatories #20-24 (Supra Exhibit # DAN-42) and Supra's analysis and calculations upon that (Supra Exhibit # DAN-43) we are given the following picture of loop service methods in BellSouth's Florida network:

LOOP SERVICE METHOD	LINECOUNT	PERCENT	SUPRA	BELLSOUTH
Copper	3,250,835	53.46 %	Group 1&2	Copper, Alt. #1, 3, 7, 8.
IDLC – Not NGDLC.	1,198,017	19.70 %	Group 4	Alternative 1, & 4
IDLC – NGDLC	1,108,435	18.23 %	Group 3	Alternative 2
UDLC - – Not NGDLC	355,980	5.85 %	Group 1	Alt. #1, 3, 7, 8.
UDLC – NGDLC	167,211	2.75 %	Group 2	Alternative 2
DLC/NGDLC sidedoor	8,259	0.1%	Group 5	Alternative 5 & 6
	6,080,478	**100 %**		

Table 6 - Linecount and Percentage by serving Method - BST Florida

This data shows that Supra's Copper / UDLC cost study is applicable to more than 62% of all loops in Florida. As Supra's study, based on Mr. Ainsworth's hot-cut process, is less than 25% the cost of the existing A.1.1 loops NRC, this becomes a significant factor in Supra's wholesale cost.

Put in the opposite way, under BellSouth's proposed cost structure, it is currently over-recovering 400% of its actual costs in performing UNE-P to UNE-L conversion on **over 62% of all UNE-L loops statewide.**

Q. HAS SUPRA PREPARED COST STUDIES DOCUMENTING COST GROUPS 2 – 6 AS WELL?

A. Attached to this testimony, Supra files cost studies for Groups 2 through 5 (Supra Exhibit # DAN-46 *Confidential* - Supra Group 2 Cost Study - IDLC served UNE-P to Copper UDLC UNE-L Cost Study FL-2w.xls. Dated 10/08/2004, Supra Exhibit # DAN-47 *Confidential* - Supra Group 3 Cost Study – NGDLC UNE-P to NGDLC Virtual Terminal UNE-L Cost Study FL-2w.xls. Dated 10/08/2004 , Supra Exhibit # DAN-48 *Confidential* - Supra Group 4 Cost Study – INA or other DCS served IDLC UNE-P to UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004 , Supra Exhibit # DAN-49 *Confidential* - Supra Group 5 Cost Study –IDLC UNE-P to Switch Side Dorr UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004.

Supra is not filing accost study for group 6 because correct or incorrect, this commission ahs already ruled upon the costs for this type of service in Docket 990649-TP, and Bellsouth has implemented this according to its 11/22/2000 - BellSouth UNE-P Loop Concentration document for CLECs "Unbundled Loop Concentration CLEC Information Package", Version 1 (Supra Exhibit # DAN-51) attached. The only statement of material fact in dispute is whether BellSouth may legally restrict the Deployment of the loop concentration UNE **in central offices,** and restrict its availability in remote terminals, and whether BellSouth may continue, legally, to

refuse to connect BellSouth subloops to this system. Currently BellSouth position is that only CLEC owned loops may be connected to this UNE, as hard as that is to believe, particularly because they state it is only available within the CO.

However this limitation is not evident in this Commissions orders in 990649-TP, nor does it make sense from a technical feasibility, or a legal standpoint. Once these two threshold issues are resolved, resolved, existing costs will be used for Group 6 conversions

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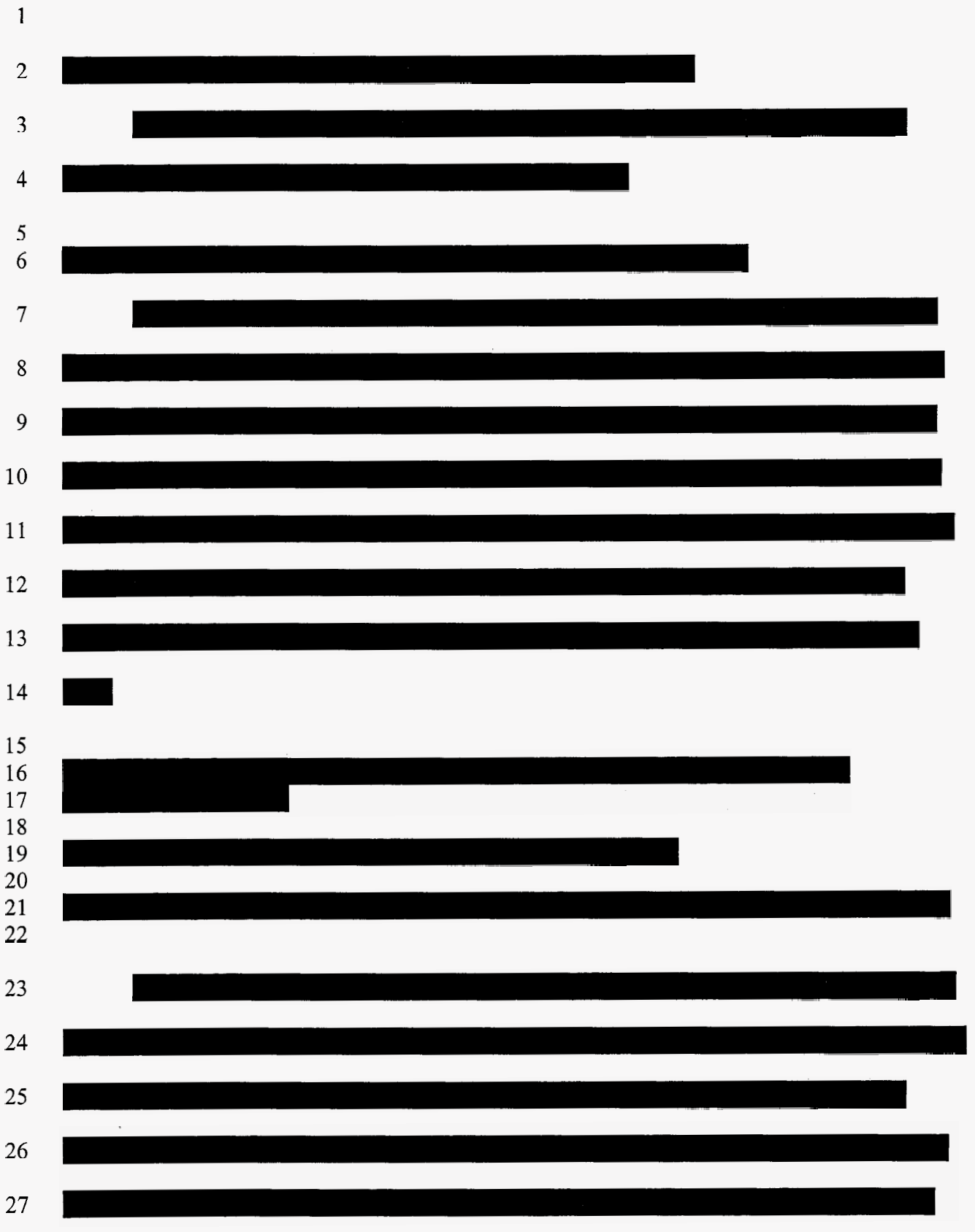
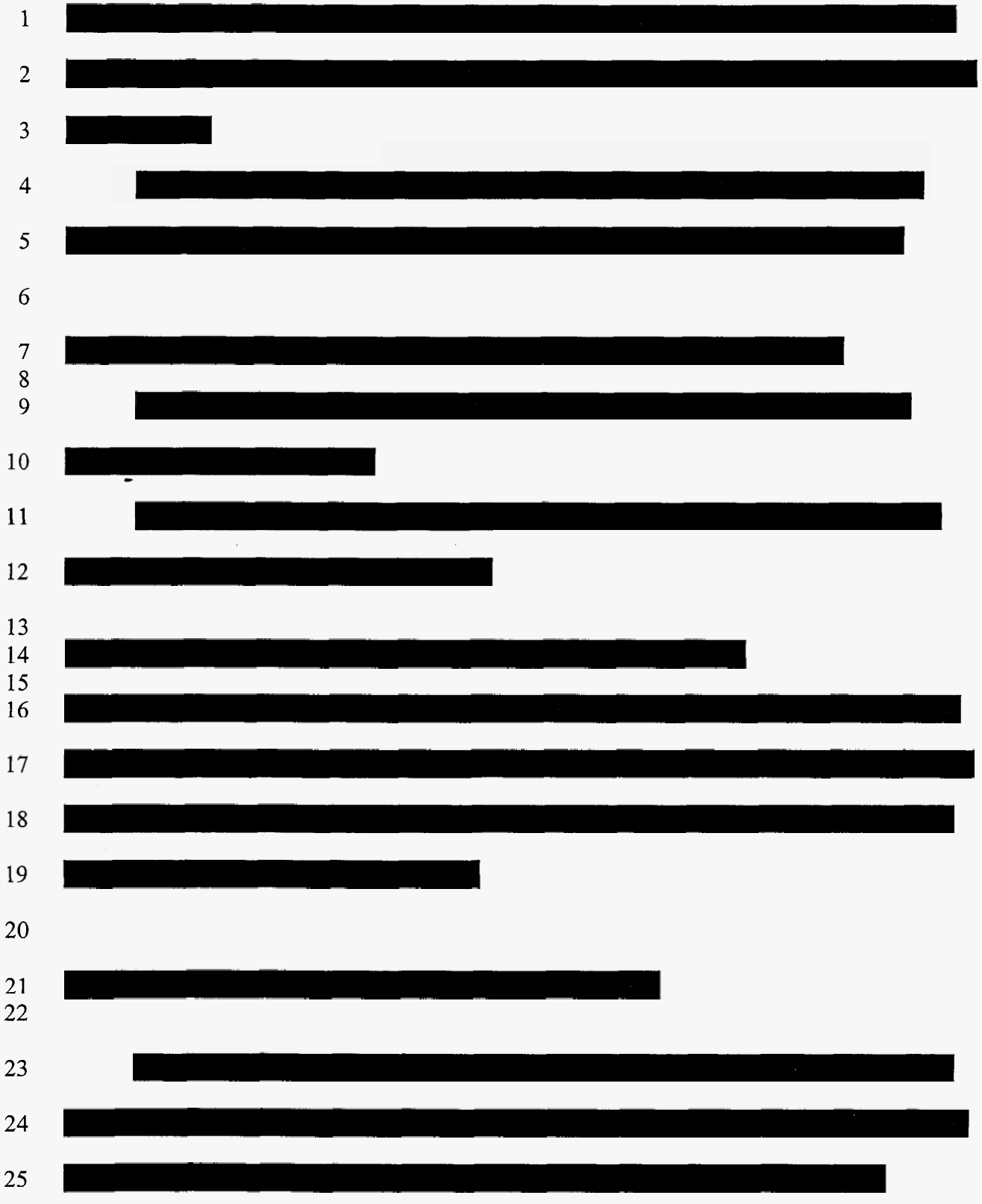
Q. WHAT SPECIFIC CHANGES WERE MADE TO THE BELLSOUTH COST STUDY TO CREATE THE GROUP 3 COST STUDY FOR UNE-P IDLC LOOPS WHICH MUST BE CONVERTED TO COPPER OR UDLC?

A. Again, all worktimes were reset to Bellsouth figures unless otherwise detailed below, and the adjustments affected through the probability factors.





[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

[redacted]

Q. WHAT RATE DOES THE SUPRA COST STUDY INDICATE FOR A UNE-P TO UNE-L CONVERSION WHERE THE UNE-P LOOP IS SERVED BY IDLC BEFORE AND COPPER OR UDLC AFTER CONVERSION?

Based upon Mr. Ainsworths deposition and the Supra cost study modified as stated above, $59.62 install / $0.7606 disconnect for SL1, and $62.81 / $0.7606 for SL2.[79]. We have still been unable to depose anyone who can testify as to the exact worktimes in the CO forces[80] with specificity, much less to resolve the difference between Mr. Ainsworth's testimony that the Central Office Forces take just 2:39 to actually perform a hot cut, BellSouths attempt to recover 15/20 mins for this activity, and new Bellsouth discovery which indicates they now seek 21/??? Minutes for this activity. Resolving this will have a noticeable effect on the final cost as discussed above for the Group 1 cost study.

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[79] A.1.1, $.70 for A.1.2. See Supra Exhibit # DAN-46*Confidential* - Supra Group 2 Cost Study - IDLC served UNE-P to Copper UDLC UNE-L Cost Study FL-2w.xls. Dated 10/08/2004

[80] Or any other department.

Q. IS SUPRA SEEKING A SINGLE RATE FOR ALL FORMS OF IDLC CONVERSION BASED UPON MR. AINSWORTH'S LIMITED TESTIMONY?

A. No. The reason why Supra is not "seizing this opportunity" to capitalize on BellSouth's omission is quite simple; It would cost Supra money. BellSouth has not filed IDLC conversion cost studies because if it did, it would indicate an extremely low cost as compared to a copper / UDLC conversion. Bellsouth has deliberately not filed IDLC conversion cost studies because BellSouth would be forced to bill CLECs less than it does today.

Q. HOW IS THAT POSSIBLE?

A. Because Bellsouth does not have to use archaic and obsolete processes to convert much of its IDLC served loops to CLEC switches. In his deposition testimony, Mr. Ainsworth admitted that for Alternative 2, the NGDLC served loop, no manual process by any human being is required to convert the loop from the BellSouth switch See Ainsworth Sept. 21, 2004 depo. Tr., pg. 125-26. However this requires certain non-efficient, old-fashioned constraints are removed from the process

Q. WHAT CHANGES IS SUPRA SEEKING?

A. BellSouth Alternative 2 and 4[81] convert the loop to digital form in the outside plant, and carry the call all the way back to the point of interface as a DS1[82] level Digital signal. As a final

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81 And Supra suspects alternatives 5 and 6.

82 Or higher.

output step, BellSouth then crossconnect the DS1 signal to an ancient D4 channel bank system [83]which:

a) Further degrades the high speed modem capability of the line

b) Creates a requirement for connect and test activities and costs which can be completely eliminated otherwise[84].

c) Ignores the more efficient and forward looking method of providing the DS1 level signal directly to the CLEC at a Connecting Facility Assignment ("CFA") location, instead of taking it to the channel bank.

d) Is unnecessary and wasteful.

Supra does not want the added cost and complexity, coupled with the signal degradation caused by bringing these "loops" to the MDF through a channel bank, when it can simply connect at the point where the DS1 is connected to the channel bank, and enjoy a digital facility interface instead. The most efficient method, the cheapest and least labor prone approach is to present these loops at a Bellsouth CFA, to which the CLEC will have to order transport facilities back to its switch using co-carrier crossconnect, unbundled transport, or a CAP provider's transport. BellSouth offers no rational, defense or justification for its unilateral decision to re-convert the loops back to two wire, and suffer all the CONNECT&TEST handling charges instead of effecting a purely digital switch, without human intervention via the OSS.

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[83] A system which converts 2 wire (FXS/FXO) service to a channel in a DS1 circuit, and vice versa. This is accomplished by sampling and digitizing, albeit at a lower frequency than what is necessary to support high speed modem traffic.

[84] Ainsworth Sept. 21, 2004 depo. Tr., pg. 125-26

Bellsouth should not be allowed to degrade the signal and increase the cost in this manner and Alternative 2, 4 (and 5 and 6 if applicable) must be offered with a DS1 POI to the CLEC in lieu of (or in addition to) the 2 wire output of the channel bank. The non recurring cost should and shall reflect this more efficient and forward looking approach, as previously ordered by this Commission in PSC-01-1181-FOF-TP.

Q. DOES IT AUTOMATICALLY FOLLOW THAT A CONVERSION OF UNE-P TO UNE-L WITH THE UNE-P LOOP SERVED BY IDLC (OR INA) WILL NECESSARY HAVE TO EXCEED THE NRC FOR A LOOP SERVED BY COPPER OR UDLC?

A. **Not at all. In fact, that only comes to pass if the loop is completely reconstructed from** scratch; something we have already proven is an unnecessary violation of a Supreme Court order against unnecessary disconnection of already connected elements. Yet it remains BellSouth's predominant method of conversion today. If BellSouth is compelled to do Group 3 – INA, Group 4 NGDLC, and Group 5 – Switch sidedoor conversions with the point of interface ("PI") at a DS1 level, instead of degrading and unnecessarily raising the cost, the Group 3, 4, and 5 cost studies show that the process is untouched by human hands, unencumbered by human labor rates and worktimes and the entire conversion, up to the DS1 POI[85] will cost nothing more than the OSS change charge of **10.2 cents**. (See Supra Exhibit # DAN-47 *Confidential* - Supra Group 3 Cost Study – NGDLC UNE-P to NGDLC Virtual Terminal UNE-L Cost Study FL-2w.xls. Dated 10/08/2004, Supra Exhibit # DAN-48*Confidential* - Supra Group 4 Cost Study – INA or

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[85] At which point the CLEC will have to have purchased other facilities at existing rates.

other DCS served IDLC UNE-P to UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004 and Supra Exhibit # DAN-49*Confidential* - Supra Group 5 Cost Study –IDLC UNE-P to Switch Side Dorr UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004)

On the other hand, if BellSouth is allowed to continue funneling such loops through theD4 channel bank process it is quite likely that such loops will never be converted to UNE-L. No carrier can simultaneously withstand the high NRC that would result on this increasing segment of the loops, and keep the customer happy long enough to re-coup their investment. Dial-up Internet users, provisioned via this method on Supra's switch, have left Supra by the thousands.

That is the main reason Bellsouth chooses not to do this to their **own** retail customers.

Q. SHOULD THE COMMISSION ESTABLISH A NEW RATE FOR THE UNE-P TO UNE-L HOTCUT, FOR UNE-P LOOPS SERVED BY A) IDLC THAT IS INA CAPABLE, B) NGDLC, OR C) SWITCH SIDE-DOOR WITH A DS1 CLEC POI INSTEAD OF THE D4 CHANNEL BANK POI AT THE MDF, WHAT RATE WILL THAT BE?

A. The electronic OSS change charge of $0.102, unless Bellsouth provides sufficient evidence regarding its network limitations which might serve to raise this cost / rate.

Q. SHOULD THE COMMISSION ESTABLISH A NEW BLENDED RATE FOR THE UNE-P TO UNE-L HOTCUT, FOR ALL UNE-P LOOPS SERVED BY IDLC PRIOR TO CONVERSION WHAT RATE WILL THAT BE?

A. See Table 7 – Statewide weighted average of the various loop service

	% deploy	% INA	Group	Rate	Statewide weighted
Copper	53.46%		1	$7.54	$4.03
IDLC - Not NGDLC Capable	19.70%	75%			
IDLC - Not NGDLC Capable - INA capable		14.8%	3	$0.10	$0.02
IDLC - Not NGDLC Capable, Not INA capable		4.9%	2	$59.63	$2.94
IDLC - NGDLC Capable	18.23%		4	$0.10	$0.02
UDLC - Not NGDLC	5.85%		1	$7.54	$0.44
UDLC - NGDLC Capable	2.75%		4	$0.10	$0.00
IDLC _ Switch Sde-door	0.00%		5	$0.10	$0.00
	100.00%				$7.45

Table 7 – Statewide weighted average of the various loop service methods

VI. The "COVAD" crossconnect is for construction of infrastructure and is being improperly applied by BellSouth in a manner which allows BellSouth double recovery of its cost(s).

Q. IN HER DIRECT TESTIMONY AT PAGE 8, LN. 21 MS. CALDWELL ASKS THE QUESTION "ARE THERE ANY RATES ASSOCIATED WITH THE HOT-CUT PROCESS CURRENTLY UNDER REVIEW BY THIS COMMISSION?" WHAT SHOULD THIS COMMISSION TAKE AWAY FROM HER TESTIMONY?

A. Absolutely nothing. While Supra does not dispute that collocation issues were addressed in a separate Docket, the implication that something from the collocation docket is relevant to the

non-recurring cost of a UNE-L loop is simply a fabrication which BellSouth's only other witness, Mr. Ainsworth does not even support.

In his deposition, Mr. Ainsworth clearly testified that all of the worktimes for all of the work activities that are performed by the Central Office Forces dept in actually performing the crossconnect are recovered by the UNE-L loop cross study. Bellsouths continued billing of the $8.22 charge for the H.1.9 cross-connect is double recovery of cost, undue enrichment to Bellsouth and is a practice which must be terminated by this Commission immediately.

Q. IS THERE ANY RELEVANCE TO THE COVAD DOCKET?

A. No. It is a bald attempt to justify a BellSouth billing error, the genesis of which I describe above. This entire issue should be rejected by the Commission, and BellSouth should be ordered to immediately stop billing this charge in connection with a UNE-L loop.

VII. Exhibits – Rebuttal Testimony.

VII.A. Issues 1 and 2 - Exhibits

Supra Exhibit # DAN-36	*Confidential* - BellSouth's UNEP to UNEL Bulk Migration Process Flow, PFUNEP2L.ppt dated 6/6/2002
Supra Exhibit # DAN-37	*Confidential* - BellSouths "Outside Plant Engineering Methods and Procedures for Provisioning Network Elements" document, Issue R, dated May 7, 2004 provided in response to Supra's Second request for Production of Documents.
Supra Exhibit # DAN-38	*Confidential* (?????) - ***Composite*** – Deposition testimony(ies) of Daonne Caldwell
Supra Exhibit # DAN-39	*Confidential* (?????) - Partial Deposition Testimony of Kenneth Ainsworth

VII.B. Issue 3 - Exhibits

Supra Exhibit # DAN-40	Direct testimony of David A. Nilson in Docket 990649-TP, filed August 1, 2000.
Supra Exhibit # DAN-41	Rebuttal testimony of David A. Nilson in Docket 990649-TP, filed June 9, 2000.
Supra Exhibit # DAN-42	Bellsouth response to Supra interrogatory 20-24 regarding lines in service served via various loops service methods.
Supra Exhibit # DAN-43	Supra modified version of Bellsouth response to Supra interrogatory 20-24 (Supra Exhibit # DAN-42) with subtotals calculating statewide percentage of various loops service

		technologies, and making adjustment for the fact that BellSouths NGDLC counts were also included in IDLC/UDLC counts.
Supra Exhibit # DAN-44		Supra high level analysis, showing the statewide weighted cost of the various Supra cost study groups, weighted by the actual network deployment data provided by BellSouth. Based upon Supra Exhibit # DAN-42, Supra Exhibit # DAN-43, Supra Exhibit # DAN-45, Supra Exhibit # DAN-46, Supra Exhibit # DAN-47, Supra Exhibit # DAN-48, Supra Exhibit # DAN-49)
Supra Exhibit # DAN-45		*Confidential* - Supra Group 1 Cost Study - Copper UDLC UNE-P to UNE-L FL-2w.xls. Revised version of .Supra Exhibit # DAN-9, Supra's A.1.1 and A.1.2 cost study for loops served by Copper UDLC, includes disconnect and SL2 rates not previously defined by .Supra Exhibit # DAN-9, which should now be considered obsolete. Dated 10/08/2004
VII.C. Issue 4 - Exhibits		
Supra Exhibit # DAN-46		*Confidential* - Supra Group 2 Cost Study - IDLC served UNE-P to Copper UDLC UNE-L Cost Study FL-2w.xls. Dated 10/08/2004
Supra Exhibit # DAN-47		*Confidential* - Supra Group 3 Cost Study – NGDLC UNE-P to NGDLC Virtual Terminal UNE-L Cost Study FL-2w.xls. Dated 10/08/2004

Supra Exhibit # DAN-48	*Confidential* - Supra Group 4 Cost Study – INA or other DCS served IDLC UNE-P to UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004
Supra Exhibit # DAN-49	*Confidential* - Supra Group 5 Cost Study –IDLC UNE-P to Switch Side Dorr UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004
Supra Exhibit # DAN-50	*Confidential* -10-08-2004 – BellSouth WORST CASE NRC cost study – Created by Supra from the October 8, 2001 A.1.1 and A.1.2 NRC cost study for loops served by Copper / UDLC – Based upon elimination of avoided worksteps from the October 8, 2001 FL-2w.xls cost study as **agreed to by BellSouth** at the September 24, 2004 deposition of K. Ainsworth. **May yet contain excessive worktimes for times not avoided, as discovery is not yet complete.** This document demonstrates BellSouths agreement that the $9.57 is closer to $11.22, or less, based upon the deposition testimonies in Supra Exhibit # DAN-38 and Supra Exhibit # DAN-39.
Supra Exhibit # DAN-51	11/22/2000 - BellSouth UNE-P Loop Concentration document for CLECs "Unbundled Loop Concentration CLEC Information Package", Version 1

VIII. Exhibits – Direct Testimony.

Supra Exhibit # DAN-1	Order PSC-01-1181-FOF-TP (Florida Public Service Commission) Final Order in Florida Generic UNE Docket 990649-TP dated May 25, 2001. (electronic copy only)
Supra Exhibit # DAN-2	Order PSC-01-2051-FOF-TP (Florida Public Service Commission) Order on Reconsideration in Florida Generic UNE Docket 990649-TP dated October 18, 2001. (electronic copy only)
Supra Exhibit # DAN-3	Order PSC-02-1311-FOF-TP (Florida Public Service Commission) Order Florida Generic UNE Docket 990649-TP dated September, 2002. (electronic copy only)
Supra Exhibit # DAN-4	Order PSC-02-0413-FOF-TP (Florida Public Service Commission) Order on Arbitration of Interconnection Agreement UNE Docket 001305-TP dated 3/26/2002. (electronic copy only)
Supra Exhibit # DAN-5	\Supra – BellSouth Interconnection agreement dated July 15, 2002 (electronic copy only)
Supra Exhibit # DAN-6	***Confidential (CD2)*** **-** BellSouth August 16, 2000 cost study filing in Docket 990649-TP. (electronic copy only)
Supra Exhibit # DAN-7	***Confidential (CD-3)*** **–** BellSouth October 8, 2001, Revision 1 Supplemental 120 Compliance filing Cost Study. (electronic copy only)
Supra Exhibit # DAN-8	***Confidential (CD4)*** **–** BellSouth cost study from the Covad Arbitration, Docket 001797-TP. (electronic copy only)

Supra Exhibit # DAN-9	***Confidential*** – Supra A.1.1 and A.1.2 NRC cost study for loops served by Copper / UDLC.
Supra Exhibit # DAN-10	***Confidential*** – BellSouth FL-2w.xls A.1.1 and A.1.2 NRC cost study from the October 8, 2001 120 day compliance filing. (Electronic and paper copy).
Supra Exhibit # DAN-11	Composite exhibit – the testimonies, Direct, Rebuttal and surebuttal of Mark Neptune and David A. Nilson in Docket 030851-TP (TRO Switching Docket).
Supra Exhibit # DAN-12	Composite Exhibit of Intercompany meeting minutes UNE-P to UNE-L conversion Project(s). A. $49.57 UNE-L NRC rate – March 5, 2003 Intercompany meeting minutes D. Smith to Supra. BellSouth promised response on UNE-L NRC rate demand. B. $ 49.57 UNE-L NRC rate – 3/5/ 2003 Intercompany meeting #2 re: implementation of UNE-P to UNE-L conversion project.
Supra Exhibit # DAN-13	$51.09 UNE-L NRC rate – 5/21/2003 Letter G. Follensbee to D. Nilson re: Adequate assurance adjustment.
Supra Exhibit # DAN-14	5/29/2003 response D. Nilson to G. Follensbee re: Adequate assurance adjustment, challenging both the recurring and non-recurring rates BellSouth seeks to charge, and requesting promised support for BellSouth's position (which was to date, never provided).
Supra Exhibit # DAN-15	$51.09 UNE-L NRC rate – June 5, 2003 response, G. Follensbee to D. Nilson explaining how BellSouth aggregated the UNE-L

		recurring charges above FPSC ordered rates, and making for the first time, the claim that the FPSC order in 990649-TP was indeed inclusive of a UNE-P to UNE- conversion.
	Supra Exhibit # DAN-16	6/16/2003 Supra request to the FCC for consideration of Supra's complaint for inclusion in the Accelerated Docket.
	Supra Exhibit # DAN-17	6/18/2003 email A. Starr to C. Savage, Esq. of the FCC enforcement division regarding BellSouth's failure to respond to the contractual arguments raised in Supra's AD letter of 6/16/2003.
	Supra Exhibit # DAN-18	6/18/2003 Supra supplement to the 6/1/62003 request for consideration in response to the FCC 6/17/2003 request for supplemental information.
	Supra Exhibit # DAN-19	$59.31 UNE-L NRC rate – 6/23/2003 - Emergency Motion of BellSouth Telecommunications, Inc. for Interim Relief Regarding Obligation to Perform UNE-P to UNE-L Conversions. BellSouth's motion for interim relief now includes an $8.22 crossconnect charge for the first time, along with an admission that the contract does not specify a process.
	Supra Exhibit # DAN-20	07/14/2004 Letter L. Foshee (BST) to A. Starr (FCC) in response to Supra's request that its complaint against BellSouth (re: UNE-p to UNE-L conversion costs) be included in the Accelerated Docket.
	Supra Exhibit # DAN-21	7-15-2003 United State Bankruptcy Court order in Case 02-41250-

		BKC-RAM, granting a temporary award to BellSouth of $59.3186 after finding that the interconnection agreement did "... specifically set a rate for UNE-P to UNE-L conversions..."not provide for this rate, deferring judgment upon such a rate to the FCC or the FPSC.
Supra Exhibit # DAN-22		7/23/2003 Letter C. Savage, esq. to A. Starr (FCC) in response to BellSouth's position(s) before the FCC.
Supra Exhibit # DAN-23		Direct Testimony of Kenneth Ainsworth filed December 4, 2003 in Docket 030851-TP.
Supra Exhibit # DAN-24		Surebuttal Testimony of John A. Ruscilli filed January 28, 2004. 2003 in Docket 030851-TP.
Supra Exhibit # DAN-25		BellSouth Spreadsheet file (filename BellSouth Network Statistics.xls) available from http://www.BellSouth.com/investor/xls/ir_businessprofile_statistics.xls showing 65.8% of all loop feeder routes contain fiber in the entire nine state region, and 70% of homes qualify for DSL. BST Technology and Deployment Statistics ir_businessprofile_statistics.xls
Supra Exhibit # DAN-26		Excerpt from the Testimony of Kenneth Ainsworth filed December 4, 2003 in Docket 030851-TP at pg. 21.
Supra Exhibit # DAN-27		9-16-2003 BellSouth Document "Fiber Loops", author Peter Hill. Presentation to the FPSC in Docket 030851-TP.

[86] Based upon BellSouths **belief** that it would ultimately be receive authorization to charge that rate.

Supra Exhibit # DAN-28	5-5-2003 BellSouth Letter to AT&T (L. MacKenzie to D. Berger) documenting IDLC penetration levels by state.
Supra Exhibit # DAN-29	4/18/00 Coordinated Hot Cut Process Flow (as defined by the parties Interconnection agreement). Exhibit NDT-3 to Testimony in FPSC Docket 001305-TP.
Supra Exhibit # DAN-30	8-15-2003 Supra UNE-P to UNE-L Conversion Process document.
Supra Exhibit # DAN-31	BellSouth Provisioning Process Flow (Coordinated cuts), Exhibit KLA-1 to the testimony of Kenneth Ainsworth in FPSC Docket 030851-TP.

Supra Exhibit # DAN-32	3-5-2003 high level BellSouth IDLC Document identifying the 8 methods by which BellSouth agrees to convert IDLC served UNE-P lines to UNE-L
Supra Exhibit # DAN-33	3-26-03 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE-Loop (UNE-L) Bulk Migration – CLEC Information Package, Version 1. BellSouth's process documentation to CLECs for this conversion.
Supra Exhibit # DAN-34	2-18-04 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE-Loop (UNE-L) Bulk Migration – CLEC Information Package, Version 2. BellSouth's process documentation to CLECs for this conversion.
Supra Exhibit # DAN-35	7-26-04 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE-Loop (UNE-L) Bulk Migration – CLEC Information Package, Version 3. BellSouth's process documentation to CLECs for this conversion.

Q. Does this conclude your rebuttal testimony?

A. Yes it does.

Q. END OF TESTIMONY

I, DAVID A. NILSON, am the Chief Technology Officer of Supra Telecommunications and Information Systems Inc., and am authorized to make this Affidavit on behalf of said corporation. The statements made in the foregoing comments are true of my own knowledge, except as to those matters which are therein stated on information and belief, and as to those matters I believe them to be true.

I declare under penalty of perjury that the foregoing is true and correct this 8th day of October, 2004.

David Nilson

STATE OF FLORIDA)
) SS:
COUNTY OF MIAMI-DADE)

The execution of the foregoing instrument was acknowledged before me this 8th day of October, 2004, by David Nilson, who [X] is personally known to me or who [] produced _____ as identification and who did take an oath.

My Commission Expires:

ESTHER SUNDAY
Notary Public - State of Florida
My Commission Expires Jun 9, 2008
Commission # DD327338
Bonded By National Notary Assn.

NOTARY PUBLIC

State of Florida at Large

Print Name: Esther Sunday

2-Voice Grade Loop - SL1 and SL2
Modified by Supra Telecom - 10/08/2004

10/8/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$7.0828	$0.0000	$7.0828	**$0.7147**	**$0.0000**	**$0.7147**
OTHER EXPENSES						
Total Cost	**$7.0828**	$0.0000	$7.0828	**$0.7147**	$0.0000	$0.7147
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$7.0949			$0.7159
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$7.5376			$0.7606

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$8.1714	$0.0000	$8.1714	$0.7147	$0.0000	$0.7147
OTHER EXPENSES						
Total Cost	$8.1714	$0.0000	$8.1714	$0.7147	$0.0000	$0.7147
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$8.1854			$0.7159
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$8.6962			$0.7606

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

10/8/2004 **Non Recurring Cost Development - Direct Cost**

FLORIDA

A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0908	5.445	0.0000	0.0000	$38.310	$3.4766	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0010	0.06	0.0000	0.0000	$32.760	$0.0328	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0850	5.1	0.0170	1.0200	$42.040	$3.5734	$0.7147
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
									Total First	$7.0828	$0.7147

FLORIDA

A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0000	0	0.0000	0.0000	$33.640	$0.0000	$0.0000
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.1192	7.15	0.0000	0.0000	$38.310	$4.5653	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0010	0.06	0.0000	0.0000	$32.760	$0.0328	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0850	5.1	0.0170	1.0200	$42.040	$3.5734	$0.7147
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
									Total First	$8.1714	$0.7147

This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P
Inputs to this sheet come from the FL-2W study modified by Supra Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L
The FL-2W cost study is the cost study used to establish rates for 2 wire VG lop in Florida, based upon Bellsouths October 8, 2001 Compliance filing model

This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J	K	L
1	Florida											
2	Index Sheet											
3	Study Period: 2000-2002											
4												
5												
6												
7												
8												
9			**Sheet Name:**		**Description:**							
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion							
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA							
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES							
13			WP100		Nonrecurring Worktimes							
14			INPUTS_ENGINEERING		Detailed Labor Worktimes							
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes							
16			INPUTS_TRAVEL		Detailed Labor Worktimes							
17			INPUTS_MISC		Miscellaneous Inputs							
18												
19												
20												
21												
22					**Version 1.0 - 12/24/2003**							
23					Modified by Supra Telecommunications and Information Systems Inc.							
24					Concept that this study ONLY considers copper / UDLC UNE-L loops confiremed 04-0301							
25					BST response to Supra Int. #4. No IDLC provisioning should be included.							
26					**Version 2.0 - 10/08/2004**							
27					Based upon Deposition(s) of Caldwell and 9/24/04 Ainsworth Depo							

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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				**Recurring**	**Recurring**	
15			**Recurring**	**Volume**	**Volume**	
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						
809			Maximum 10 entries per Cost Element #			

CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES

Instructions:

1. Use this worksheet to record nonrecurring labor times 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.
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.

Study Mid-Point Date (Mos.) 6/1/2001

					(For use w/ one NR)									
		Cost			Installation	Disconnect	First Installation	First Disconnect	Additional Installation	Additional Disconnect	Initial Installation	Initial Disconnect	Subsequent Installation	Subsequent Disconnect
	Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
FL	A.1.1	43	ENGINEERING - PICS	JG57			-	-	-	-				
FL	A.1.1	43	ENGINEERING - PICS	WS16			-	-	-	-				
FL	A.1.1	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
FL	A.1.1	43	ENGINEERING - SAC	JG57			-	-	-	-				
FL	A.1.1	43	ENGINEERING - SAC	4FXX			-	-	-	-				
FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			0.0908	-	-	-				
FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			0.0010	-	-	-				
FL	A.1.1	43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0170				
FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-	-	-				
FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			-	-	-	-				
FL	A.1.2	43	ENGINEERING - CPG	4N4X			-	-	-	-				
FL	A.1.2	43	ENGINEERING - PICS	JG57			-	-	-	-				
FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-	-				
FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
FL	A.1.2	43	ENGINEERING - SAC	JG57			-	-	-	-				
FL	A.1.2	43	ENGINEERING - SAC	4FXX			-	-	-	-				
FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			0.1192	-	-	-				
FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			0.0010	-	-	-				
FL	A.1.2	43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0213				
FL	A.1.2	43	CONNECT & TEST - I&M	411X			-	-	-	-				
FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			-	-	-	-				
	END													

Maximum of 25 entries per Cost Element #

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	**A.1.1**	**2-Wire Analog Voice Grade Loop - Service Level 1**									
6											
7	Location Life		43 months	(=INPUTS_MISC!C9)							
8					Worktimes (Min.)				Worktimes (Hrs.)		
9	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
10	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
11	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
12	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
13	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
14	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
15	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	5.45	0	0.00	0.00	0.0908	0.0000	0.0000	0.0000
16	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	0.06	0.00	0.00	0.00	0.0010	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	5.10	1.02	5.10	1.02	0.0850	0.0170	0.0850	0.0170
18	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
19	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
20	**SubTotal**			**10.61**	**1.02**	**5.10**	**1.02**	**0.18**	**0.02**	**0.09**	**0.0**
21											
22	Florida										
23	Nonrecurring Worktimes										
24	Study Period: 2000-2002										
25											
26	**A.1.2**	**2-Wire Analog Voice Grade Loop - Service Level 2**									
27											
28	Location Life		43 months	(=INPUTS_MISC!C9)							
29					Worktimes (Min.)				Worktimes (Hrs.)		
30	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
31	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
32	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
33	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
34	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
35	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
37	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	7.15	0.00	0.00	0.00	0.1192	0.0000	0.0000	0.0000
38	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.06	0.00	0.00	0.00	0.0010	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	5.10	1.02	5.10	1.28	0.0850	0.0170	0.0850	0.0213
40	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
41	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
42	**SubTotal**			**12.31**	**1.02**	**5.10**	**1.28**	**0.21**	**0.02**	**0.09**	**0.0**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**Florida**													
2	**Detailed Labor Worktimes**													
3	**Study Period: 2000-2002**													
4														
5	**Item/Description**						Worktimes (Min.)							
6	**SERVICE ADVOCACY CENTER (SAC)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability (Fallout)**	**FPSC Staff Recommend Adjustment (100% - Adj)**				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	0%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
9														
10	**Item/Description**						Worktimes (Min.)							
11	**ADDRESS AND FACILITY INVENTORY (AFIG)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability (Fallout) - Install**	**Probability (Fallout) - Disc.**	**FPSC Staff Recommend Adjustment (100% - Adj)**			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	0%	0%	50%			
13														
14	**CIRCUIT PROVISIONING GROUP (CPG)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability First Install**	**Probability First Disconnect**	**Probability Addtl Install**	**Probability Addtl Disconnect**	**FPSC Staff Recommend Adjustment (100% - Adj)**	
15	Processes request.SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	0%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field.SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	0.00	0%	0%	0%	0%		
17														
18														
19	**NETWORK PLUG-IN ADMINISTRATION (PICS)**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability First Install**	**Probability First Disconnect**	**Probability Addtl Install**	**Probability Addtl Disconnect**	**Worktimes Occur Only on Backorders - Backorder Fallout 3%**	**FPSC Staff Recommend Adjustment (100% - Adj)**
20	**State-specific % of loops served through DLC**	=(INPUTS_MISC C7)	55%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	0%	0%	0%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Florida**														
2	**Detailed Labor Worktimes**														
3	**Study Period: 2000-2002**														
4															
5	**Item/Description**						Worktimes (Min.)								
6	**Unbundled Network Element Center (UNEC) Work Activities**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**(SL1??) Probability / Reuse**	**(SL2???) Probability / Reuse**	**Not used FOR ANYTHING! Probability / Reuse**		**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
7	**Provisioning Variables**														
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%						
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%						
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	**Total of Worktimes * Probabilities**				0.00	0.00	0.00	0.00							
13															
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	100%				1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	100%				1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	0.00	3.00	0.00	0%				1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	0%	10%	100%		1.00		
18	Performs dispatch	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	5.00	0.00	0.00	0.00	38%	100%			1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	53.60	0.00	53.60	0.00	0%				1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%				1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	20.00	0.00	0%	10%	100%		1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%				1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%				1.00		

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
25	Item/Description					Worktimes (Min.)									
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	IM JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate SL1	Probability, Dispatch Rate SL2	2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISCIC7	55%												
28															
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	20.00	0.00	0.00	0.00	0%	38%	0%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	19.00	0.00	0%	38%	0%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	16.00	0.00	16.00	0.00	0%	38%	0%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	38%	0%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	0%	38%	0%	1.00	1.50	
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	23.00	0.00	23.00	0.00	0%	38%	0%	1.00	1.50	
35	Trouble resolution at premises SL1 ONLY???	Network	CONNECT & TEST - I&M	411X	410X	66.00	0.00	66.00	0.00	0%	38%	0%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	0.00	0.00	0%	38%	0%	1.00		
37															
38	Item/Description					Worktimes (Min.)									
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WFA-DI Probability						
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	3%						
41															
42	Item/Description					Worktimes (Min.)									
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)					
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%	80%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%						
46															

	A	B	C	D	E	F	G	H	I	J	K
1	**Florida**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
5	**Item/Description**					**Worktimes (Min.)**					
6	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	First Install	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**SL1 Probability (Dispatch)**	**SL2 Probability (Dispatch)**
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	20.00	0.00	0.00	0%	0%

	A	B	C	D
	Florida			
	Miscellaneous Inputs			
	Study Period: 2000-2002			
4				
5				
6	**Input Description**	**Source**	**Amount**	
7	**% DLC**	**Digital%.xls**	**55.00%**	
8				
9	**Location Life - 2 wire**	**Flloclif.xls**	**43**	**months**
10				
11				
12				
13	**Subscriber Line Testing**	**FSLT.xls**	**$ 0.2642**	
14				
15	**Network Termining Wire**	**FLNTW.xls**	**$ 0.1638**	

2-Voice Grade Loop - SL1 and SL2
Modified by Supra Telecom - 10/08/2004

10/8/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$57.0901	$0.0000	$57.0901	$0.7147	$0.0000	$0.7147
OTHER EXPENSES						
Total Cost	$57.0901	$0.0000	$57.0901	$0.7147	$0.0000	$0.7147
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$57.1879			$0.7159
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$60.7565			$0.7606

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$60.0751	$0.0000	$60.0751	$0.7147	$0.0000	$0.7147
OTHER EXPENSES						
Total Cost	$60.0751	$0.0000	$60.0751	$0.7147	$0.0000	$0.7147
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$60.1780			$0.7159
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$63.9331			$0.7606

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

10/8/2004

Non Recurring Cost Development - Direct Cost

FLORIDA

A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000571846	0.003431078	0.0000	0.0000	$40.538	$0.0023	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000629031	0.003774186	0.0000	0.0000	$25.854	$0.0016	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0200	1.2	0.0000	0.0000	$34.310	$0.6862	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0113	0.675	0.0000	0.0000	$40.538	$0.4561	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0038	0.225	0.0000	0.0000	$32.620	$0.1223	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0908	5.445	0.0000	0.0000	$38.310	$3.4766	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0333	2	0.0000	0.0000	$32.760	$1.0920	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0850	5.1	0.0170	1.0200	$42.040	$3.5734	$0.7147
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.8510	51.0575	0.0000	0.0000	$40.260	$34.2596	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.3333	20	0.0000	0.0000	$40.260	$13.4200	$0.0000
									Total First	$57.0901	$0.7147

FLORIDA

A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0413	2.475	0.0000	0.0000	$33.640	$1.3877	$0.0000
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0001	0.003431078	0.0000	0.0000	$40.538	$0.0023	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0001	0.003774186	0.0000	0.0000	$25.854	$0.0016	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0200	1.2	0.0000	0.0000	$34.310	$0.6862	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0113	0.675	0.0000	0.0000	$40.538	$0.4561	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0038	0.225	0.0000	0.0000	$32.620	$0.1223	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.1687	10.12	0.0000	0.0000	$38.310	$6.4616	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0333	2	0.0000	0.0000	$32.760	$1.0920	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0850	5.1	0.0170	1.0200	$42.040	$3.5734	$0.7147
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.8510	51.0575	0.0000	0.0000	$40.260	$34.2596	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.3333	20	0.0000	0.0000	$40.260	$13.4200	$0.0000
									Total First	$60.0751	$0.7147

This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P
Inputs to this sheet come from the FL-2W study modified by Supra Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L
The FL-2W cost study is the cost study used to establish rates for 2 wire VG loop in Florida, based upon Bellsouths October 8, 2001 Compliance filing model

This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J	K	L
1	Florida											
2	Index Sheet											
3	Study Period: 2000-2002											
4												
5												
6												
7												
8												
9			**Sheet Name:**		**Description:**							
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion							
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA							
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES							
13			WP100		Nonrecurring Worktimes							
14			INPUTS_ENGINEERING		Detailed Labor Worktimes							
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes							
16			INPUTS_TRAVEL		Detailed Labor Worktimes							
17			INPUTS_MISC		Miscellaneous Inputs							
18												
19												
20												
21												
22					**Version 1.0 - 12/24/2003**							
23					Modified by Supra Telecommunications and Information Systems Inc.							
24					Concept that this study ONLY considers copper / UDLC UNE-L loops confiremed 04-0301							
25					BST response to Supra Int. #4. No IDLC provisioning should be included.							
26					**Version 2.0 - 10/08/2004**							
27					Based upon Deposition(s) of Caldwell and 9/24/04 Ainsworth Depo							

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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				**Recurring**	**Recurring**	
15			**Recurring**	**Volume**	**Volume**	
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						
809			Maximum 10 entries per Cost Element #			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES													
2															
3		Instructions:													
4		1. Use this worksheet to record nonrecurring labor times to be input into the 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		6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first													
11		and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.													
12		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.													
13															
14															
15	Study Mid-Point Date (Mos.)			6/1/2001											
16															
17						(For use w/ one NR)		First	First	Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost			Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
21	FL	A.1.1	43	ENGINEERING - PICS	JG57			0.0001	-	0.0001	-				
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			0.0001	-	0.0001	-				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			0.0200	-	0.0200	-				
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			0.0113	-	0.0113	-				
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX			0.0038	-	0.0038	-				
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			0.0908	-	-	-				
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			0.0333	-	-	-				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0170				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			0.8510	-	0.4285	-				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			0.3333	-	-	-				
31	FL	A.1.2	43	ENGINEERING - CPG	4N4X			0.0413	-	0.0225	-				
32	FL	A.1.2	43	ENGINEERING - PICS	JG57			0.0001	-	0.0001	-				
33	FL	A.1.2	43	ENGINEERING - PICS	WS16			0.0001	-	0.0001	-				
34	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			0.0200	-	0.0200	-				
35	FL	A.1.2	43	ENGINEERING - SAC	JG57			0.0113	-	0.0113	-				
36	FL	A.1.2	43	ENGINEERING - SAC	4FXX			0.0038	-	0.0038	-				
37	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			0.1687	-	0.0495	-				
38	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			0.0333	-	-	-				
39	FL	A.1.2	43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0213				
40	FL	A.1.2	43	CONNECT & TEST - I&M	411X			0.8510	-	0.4285	-				
41	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			0.3333	-	-	-				
42															
43		END													
44															
45				Maximum of 25 entries per Cost Element #											

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	**A.1.1**	**2-Wire Analog Voice Grade Loop - Service Level 1**									
6											
7	Location Life	43	months	(=INPUTS_MISC!C9)							
8				**Worktimes (Min.)**				**Worktimes (Hrs.)**			
9	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
10	N/A	ENGINEERING - CPG	4N4X	0	0	0	0	0	0	0	0
11	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0001	0.0000	0.0001	0.0000
12	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0001	0.0000	0.0001	0.0000
13	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	1.20	0.00	1.20	0.00	0.0200	0.0000	0.0200	0.0000
14	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.68	0.00	0.68	0.00	0.0113	0.0000	0.0113	0.0000
15	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.23	0.00	0.23	0.00	0.0038	0.0000	0.0038	0.0000
16	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	5.45	0	0.00	0.00	0.0908	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0.0333	0.0000	0.0000	0.0000
18	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	5.10	1.02	5.10	1.02	0.0850	0.0170	0.0850	0.0170
19	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	51.06	0.00	25.71	0.00	0.8510	0.0000	0.4285	0.0000
20	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	20.00	0.00	0.00	0.00	0.3333	0.0000	0.0000	0.0000
21	**SubTotal**			**85.71**	**1.02**	**32.91**	**1.02**	**1.43**	**0.02**	**0.55**	**0.02**
22											
23	Florida										
24	Nonrecurring Worktimes										
25	Study Period: 2000-2002										
26											
27	**A.1.2**	**2-Wire Analog Voice Grade Loop - Service Level 2**									
28											
29	Location Life	43	months	(=INPUTS_MISC!C9)							
30				**Worktimes (Min.)**				**Worktimes (Hrs.)**			
31	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
32	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	2.48	0.00	1.35	0.00	0.0413	0.0000	0.0225	0.0000
33	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0001	0.0000	0.0001	0.0000
34	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0001	0.0000	0.0001	0.0000
35	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	1.20	0.00	1.20	0.00	0.0200	0.0000	0.0200	0.0000
36	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.68	0.00	0.68	0.00	0.0113	0.0000	0.0113	0.0000
37	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.23	0.00	0.23	0.00	0.0038	0.0000	0.0038	0.0000
38	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	10.12	0.00	2.97	0.00	0.1687	0.0000	0.0495	0.0000
39	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0.0333	0.0000	0.0000	0.0000
40	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	5.10	1.02	5.10	1.28	0.0850	0.0170	0.0850	0.0213
41	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	51.06	0.00	25.71	0.00	0.8510	0.0000	0.4285	0.0000
42	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	20.00	0.00	0.00	0.00	0.3333	0.0000	0.0000	0.0000
43	**SubTotal**			**92.86**	**1.02**	**37.23**	**1.28**	**1.55**	**0.02**	**0.62**	**0.02**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description				Worktimes (Min.)									
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	3%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	3%					
9														
10	Item/Description				Worktimes (Min.)									
11	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	30%	0%	50%			
13														
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
15	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	15%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	0.00	15%	0%	15%	0%		
17														
18														
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
20	State-specific % of loops served through DLC	=(INPUTS_MISC C7)	14%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	10%	0%	10%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	5%	0%	5%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	1%	0%	1%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Florida														
2	Detailed Labor Worktimes														
3	Study Period: 2000-2002														
4															
5	Item/Description				Worktimes (Min.)										
6	Unbundled Network Element Center (UNEC) Work Activities	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	(SL1??) Probability / Reuse	(SL2???) Probability / Reuse	Not used FOR ANYTHING! Probability / Reuse		2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
7	Provisioning Variables														
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%						
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%						
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	Total of Worktimes * Probabilities				0.00	0.00	0.00	0.00							
13															
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	100%	100%			1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	0.00	3.00	0.00	100%	100%			1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	60%	10%	100%		1.00		
18	Finishes dispatch	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	5.00	0.00	0.00	0.00	30%	100%			1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	18.00	0.00	5.50	0.00	0%	85%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	20.00	0.00	0%	10%	100%		1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	10.80	0.00	0.00	0.00	0%	100%			1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
24															
25	Item/Description				Worktimes (Min.)										
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	IM JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate SL1	Probability, Dispatch Rate SL2	2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISCIC7	14%												
28															
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	20.00	0.00	0.00	0.00	100%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	19.00	0.00	0%	100%	100%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	16.00	0.00	16.00	0.00	100%	100%	100%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	100%	100%	100%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	10%	100%	100%	1.00	1.50	
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	23.00	0.00	23.00	0.00	0%	100%	100%	1.00	1.50	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
35	Trouble resolution at premises	Network	CONNECT & TEST - I&M	411X	410X	96.00	0.00	96.00	0.00	0%	100%	100%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	0.00	0.00	100%	100%	100%	1.00		
37															
38	Item/Description							Worktimes (Min.)							
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WFA-DI Probability						
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	100%						
41															
42	Item/Description							Worktimes (Min.)							
	CENTRAL OFFICE FORCES (CO	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)					
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%	80%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%						

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002										
4											
5	Item/Description			Worktimes (Min.)							
6	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	IM JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	SL1 Probability (Dispatch)	SL2 Probability (Dispatch)
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	0.00	0.00	0.00	100%	100%

	A	B	C	D	E	F	G	H
1	**Florida**							
2	**Miscellaneous Inputs**							
3	**Study Period: 2000-2002**							
4								
5								
6	**Input Description**	**Source**	**Amount**					
7	**% DLC**	**Digital%.xls**	**13.86%**	**This taken from BellSouth resonse to interof 20-24 UDLC/(UDLC+Copper)**				
8					**i.e. =**	**523,191/(523,191+3,250,835)**		
9	**Location Life - 2 wire**	**Flloclif.xls**	**43**	**months**				
10								
11								
12								
13	**Subscriber Line Testing**	**FSLT.xls**	**$ 0.2642**					
14								
15	**Network Termining Wire**	**FLNTW.xls**	**$ 0.1638**					

2-Voice Grade Loop - SL1 and SL2
Modified by Supra Telecom - 10/08/2004

10/8/2004 **Nonrecurring Cost Summary**

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J	K	L	N	N	P
1															
2		**10/8/2004**		**Non Recurring Cost Development - Direct Cost**											
3															
4															
5				**FLORIDA**											
6				**A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion**											
7															
8						A	A(min)		B	B(min)		C	D=AxC		E=B*C
9															
10	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)		Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)		Direct Labor Rate	Installation cost		Disconnect cost
11	2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000000000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
12	3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000000000	0		0.0000	0.0000		$25.854	$0.0000		$0.0000
13	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0		0.0000	0.0000		$34.310	$0.0000		$0.0000
14	5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
15	6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$32.620	$0.0000		$0.0000
16	7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0		0.0000	0.0000		$38.310	$0.0000		$0.0000
17	8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0		0.0000	0.0000		$32.760	$0.0000		$0.0000
18	9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0		0.0000	0.0000		$42.040	$0.0000		$0.0000
19	10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
20	11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
21	12	OSS Change		OSS Electronic change charge	First	0.0000	0		0.0000	0.0000			$0.0960		$0.0960
22												Total First	$0.0960		$0.0960
23				**FLORIDA**											
24				**A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion**											
25															
26						A	A(min)		B	B(min)		C	D=AxC		E=B*C
27															
28	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)		Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)		Direct Labor Rate	Installation cost		Disconnect cost
29	1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0000	0		0.0000	0.0000		$33.640	$0.0000		$0.0000
30	2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
31	3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0		0.0000	0.0000		$25.854	$0.0000		$0.0000
32	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0		0.0000	0.0000		$34.310	$0.0000		$0.0000
33	5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
34	6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$32.620	$0.0000		$0.0000
35	7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0		0.0000	0.0000		$38.310	$0.0000		$0.0000
36	8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0		0.0000	0.0000		$32.760	$0.0000		$0.0000
37	9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0		0.0000	0.0000		$42.040	$0.0000		$0.0000
38	10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
39	11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
40	12	OSS Change		OSS Electronic change charge	First	0.0100	0		0.0000	0.0000			$0.0960		$0.0960
41												Total First	$0.0960		$0.0960
42															
43				**This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P**											
44				Inputs to this sheet come from the FL-2W study modified by Supra Telecommunications and Information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L											
45				The FL-2W cost study is the cost study used to establish rates for 2 wire VG lop in Florida, based upon Bellsouths October 8, 2001 Compliance filing model											
46															
47															
48															
49				This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC											

	A	B	C	D	E	F	G	H	I	J
1	Florida									
2	Index Sheet									
3	Study Period: 2000-2002									
4										
5										
6										
7										
8										
9			**Sheet Name:**		**Description:**					
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion					
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA					
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES					
13			WP100		Nonrecurring Worktimes					
14			INPUTS_ENGINEERING		Detailed Labor Worktimes					
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes					
16			INPUTS_TRAVEL		Detailed Labor Worktimes					
17			INPUTS_MISC		Miscellaneous Inputs					
18										
19										
20										
21										
22					**Version 1.0 - 10/08/2004**					
23					Based upon Deposition(s) of Caldwell and 9/24/04 Ainsworth Depo					

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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				**Recurring**	**Recurring**	
15			**Recurring**	**Volume**	**Volume**	
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		**CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES**													
2															
3		**Instructions:**													
4		**1. Use this worksheet to record nonrecurring labor times to be input into the 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		**6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first**													
11		**and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.**													
12		**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.**													
13															
14															
15	**Study Mid-Point Date (Mos.)**			6/1/2001											
16															
17							(For use w/ one NR)		First	First	Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost			Installation	Disconnect	First Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
21	FL	A.1.1	43	ENGINEERING - PICS	JG57			-	-	-	-				
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			-	-	-	-				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			-	-	-	-				
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX			-	-	-	-				
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			-	-	-	-				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-	-	-				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			-	-	-	-				
31				OSS Electronic change charge				0.0100							
32	FL	A.1.2	43	ENGINEERING - CPG	4N4X			-	-	-	-				
33	FL	A.1.2	43	ENGINEERING - PICS	JG57			-	-	-	-				
34	FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-	-				
35	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
36	FL	A.1.2	43	ENGINEERING - SAC	JG57			-	-	-	-				
37	FL	A.1.2	43	ENGINEERING - SAC	4FXX			-	-	-	-				
38	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
39	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
40	FL	A.1.2	43	CONNECT & TEST - CO	431X			-	-	-	0.0213				
41	FL	A.1.2	43	CONNECT & TEST - I&M	411X			-	-	-	-				
42	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			-	-	-	-				
43								0.0100							
44		END													
45															
46				Maximum of 25 entries per Cost Element #											

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	**A.1.1**	**2-Wire Analog Voice Grade Loop - Service Level 1**									
6											
7	Location Life	43 months		(=INPUTS_MISC!C9)							
8				Worktimes (Min.)				Worktimes (Hrs.)			
9	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
10	N/A	ENGINEERING - CPG	4N4X	0	0	0	0	0	0	0	0
11	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
12	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
13	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
14	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
15	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
16	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0	0.00	0.00	0.0000	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
18	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
19	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
20	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
21	**SubTotal**			**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
22											
23	Florida										
24	Nonrecurring Worktimes										
25	Study Period: 2000-2002										
26											
27	**A.1.2**	**2-Wire Analog Voice Grade Loop - Service Level 2**									
28											
29	Location Life	43 months		(=INPUTS_MISC!C9)							
30				Worktimes (Min.)				Worktimes (Hrs.)			
31	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
32	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
33	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
34	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
35	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
37	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
38	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
40	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	1.28	0.0000	0.0000	0.0000	0.0213
41	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
42	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
43	**SubTotal**			**0.00**	**0.00**	**0.00**	**1.28**	**0.00**	**0.00**	**0.00**	**0.02**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description					Worktimes (Min.)								
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	0%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
9														
10	Item/Description					Worktimes (Min.)								
11	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	0%	0%	50%			
13														
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
15	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	0%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	0.00	0%	0%	0%	0%		
17														
18														
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
20	State-specific % of loops served through DLC	=(INPUTS_MISC C7)	14%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	0%	0%	0%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	Florida														
2	Detailed Labor Worktimes														
3	Study Period: 2000-2002														
4															
5	Item/Description				Worktimes (Min.)										
6	Unbundled Network Element Center (UNEC) Work Activities	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	(SL1??) Probability / Reuse	(SL2???) Probability / Reuse	Not used FOR ANYTHING! Probability / Reuse		2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
7	Provisioning Variables														
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%						
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%						
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	Total of Worktimes * Probabilities				0.00	0.00	0.00	0.00							
13															
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	0.00	3.00	0.00	0%	0%			1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	0%	0%	100%		1.00		
18	Executes donation	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	53.60	0.00	53.60	0.00	0%	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	24.00	0.00	0%	0%	100%		1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	10.80	0.00	0.00	0.00	0%	0%			1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
24															
25	Item/Description				Worktimes (Min.)										
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	IM JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate SL1	Probability, Dispatch Rate SL2	2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISCIC7	14%												
28															
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	20.00	0.00	0.00	0.00	0%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	12.00	0.00	12.00	0.00	0%	100%	100%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	0%	100%	100%	1.00	1.50	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	22.00	0.00	22.00	0.00	0%	100%	100%	1.00	1.50	
35	Trouble resolution at premises	Network	CONNECT & TEST - I&M	411X	410X	56.00	0.00	56.00	0.00	0%	100%	100%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	13.00	0.00	0.00	0.00	0%	100%	100%	1.00		
37															
38	Item/Description				Worktimes (Min.)										
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WFA-DI Probability						
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0%						
41															
42	Item/Description				Worktimes (Min.)										
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)					
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%	0%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%						
46															

	A	B	C	D	E	F	G	H	I	J	K
1	**Florida**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
5	**Item/Description**					**Worktimes (Min.)**					
6	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**SL1 Probability (Dispatch)**	**SL2 Probability (Dispatch)**
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	0.00	0.00	0.00	0%	0%

	A	B	C	D	E	F	G	H
1	Florida							
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	Source	Amount					
7	% DLC	Digital%.xls	13.86%	This taken from BellSouth resonse to interof 20-24 UDLC/(UDLC+Copper)				
8					i.e. =	523,191/(523,191+3,250,835)		
9	Location Life - 2 wire	Flloclif.xls	43	months				
10								
11								
12								
13	Subscriber Line Testing	FSLT.xls	$ 0.2642					
14								
15	Network Termining Wire	FLNTW.xls	$ 0.1638					

Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN – 48
Supra's Group 4 Cost Study – INA or othe
DCS served IDLC UNE-P to UNE-L FL-2w.xls

10/8/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X **$1.0624**			X $1.0624
Economic Cost			$0.1022			$0.1022

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

10/8/2004

Non Recurring Cost Development - Direct Cost

FLORIDA

A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion

						A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000000000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000000000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0	0.0000	0.0000	$38.310	$0.0000	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0	0.0000	0.0000	$32.760	$0.0000	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0	0.0000	0.0000	$42.040	$0.0000	$0.0000
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
12	OSS Change		OSS Electronic change charge	First	0.0000	0	0.0000	0.0000		$0.0960	$0.0960
									Total First	$0.0960	$0.0960

FLORIDA

A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion

						A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0000	0	0.0000	0.0000	$33.640	$0.0000	$0.0000
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0	0.0000	0.0000	$38.310	$0.0000	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0	0.0000	0.0000	$32.760	$0.0000	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0	0.0000	0.0000	$42.040	$0.0000	$0.0000
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
12	OSS Change		OSS Electronic change charge	First	0.0100	0	0.0000	0.0000		$0.0960	$0.0960
									Total First	$0.0960	$0.0960

This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P

Inputs to this sheet come from the FL-2W study modified by Supra Telecommunications and Information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L

The FL-2W cost study is the cost study used to establish rates for 2 wire VG loop in Florida, based upon Bellsouths October 8, 2001 Compliance filing model

This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J
1	Florida									
2	Index Sheet									
3	Study Period: 2000-2002									
4										
5										
6										
7										
8										
9			**Sheet Name:**		**Description:**					
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion					
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA					
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES					
13			WP100		Nonrecurring Worktimes					
14			INPUTS_ENGINEERING		Detailed Labor Worktimes					
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes					
16			INPUTS_TRAVEL		Detailed Labor Worktimes					
17			INPUTS_MISC		Miscellaneous Inputs					
18										
19										
20										
21										
22					**Version 1.0 - 10/08/2004**					
23					Based upon Deposition(s) of Caldwell and 9/24/04 Ainsworth Depo					

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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				**Recurring**	**Recurring**	
15			**Recurring**	**Volume**	**Volume**	
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		**CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES**													
2															
3		**Instructions:**													
4		**1. Use this worksheet to record nonrecurring labor times to be input into the 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		**6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first**													
11		**and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.**													
12		**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.**													
13															
14															
15	**Study Mid-Point Date (Mos.)**			6/1/2001											
16															
17							(For use w/ one NR)		First		Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost			Installation	Disconnect	First Installation	Disconnect	Additional Installation	Disconnect	Initial Installation	Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
21	FL	A.1.1	43	ENGINEERING - PICS	JG57			-	-	-	-				
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			-	-	-	-				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			-	-	-	-				
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX			-	-	-	-				
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			-	-	-	-				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-	-	-				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			-	-	-	-				
31				OSS Electronic change charge				0.0100							
32	FL	A.1.2	43	ENGINEERING - CPG	4N4X			-	-	-	-				
33	FL	A.1.2	43	ENGINEERING - PICS	JG57			-	-	-	-				
34	FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-	-				
35	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
36	FL	A.1.2	43	ENGINEERING - SAC	JG57			-	-	-	-				
37	FL	A.1.2	43	ENGINEERING - SAC	4FXX			-	-	-	-				
38	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
39	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
40	FL	A.1.2	43	CONNECT & TEST - CO	431X			-	-	-	0.0213				
41	FL	A.1.2	43	CONNECT & TEST - I&M	411X			-	-	-	-				
42	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			-	-	-	-				
43								0.0100							
44		END													
45															
46				Maximum of 25 entries per Cost Element #											

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1									
6											
7	Location Life	43 months		(=INPUTS_MISC!C9)							
8				Worktimes (Min.)				Worktimes (Hrs.)			
9	Source (* FL Change)	Description	JFC / JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	First Install	First Disconnect	Addtl Install	Addtl Disconnect
10	N/A	ENGINEERING - CPG	4N4X	0	0	0	0	0	0	0	0
11	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
12	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
13	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
14	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
15	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
16	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0	0.00	0.00	0.0000	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
18	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
19	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
20	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
21	SubTotal			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
22											
23	Florida										
24	Nonrecurring Worktimes										
25	Study Period: 2000-2002										
26											
27	A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2									
28											
29	Location Life	43 months		(=INPUTS_MISC!C9)							
30				Worktimes (Min.)				Worktimes (Hrs.)			
31	Source (* FL Change)	Description	JFC / JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	First Install	First Disconnect	Addtl Install	Addtl Disconnect
32	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
33	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
34	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
35	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
37	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
38	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
40	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	1.28	0.0000	0.0000	0.0000	0.0213
41	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
42	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
43	SubTotal			0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.02

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description					Worktimes (Min.)								
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	0%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
9														
10	Item/Description					Worktimes (Min.)								
11	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	0%	0%	50%			
13														
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
15	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	0%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	0.00	0%	0%	0%	0%		
17														
18														
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
20	State-specific % of loops served through DLC	=(INPUTS_MIS C C7)	14%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	0%	0%	0%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Florida**														
2	**Detailed Labor Worktimes**														
3	**Study Period: 2000-2002**														
4															
5	**Item/Description**				**Worktimes (Min.)**										
6	**Unbundled Network Element Center (UNEC) Work Activities**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**(SL1??) Probability / Reuse**	**(SL2??) Probability / Reuse**	**Not used FOR ANYTHING! Probability / Reuse**		**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
7	**Provisioning Variables**														
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%						
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%						
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	**Total of Worktimes * Probabilities**				**0.00**	**0.00**	**0.00**	**0.00**							
13															
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	0.00	3.00	0.00	0%	0%			1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	0%	0%	100%		1.00		
18	Reserves dispatch	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	53.00	0.00	53.00	0.00	0%	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	20.00	0.00	0%	0%	100%		1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	10.80	0.00	0.00	0.00	0%	0%			1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
24															
25	**Item/Description**				**Worktimes (Min.)**										
26	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability Work Activity Will Be Performed**	**Probability, Dispatch Rate SL1**	**Probability, Dispatch Rate SL2**	**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISCIC7	14%												
28															
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	20.00	0.00	0.00	0.00	0%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	19.00	0.00	0%	100%	100%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	16.00	0.00	16.00	0.00	0%	100%	100%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	0%	100%	100%	1.00	1.50	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	22.00	0.00	23.00	0.00	0%	100%	100%	1.00	1.50	
35	Trouble resolution at premises	Network	CONNECT & TEST - I&M	411X	410X	56.00	0.00	58.00	0.00	0%	100%	100%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	0.00	0.00	0%	100%	100%	1.00		
37															
38	Item/Description					Worktimes (Min.)									
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WFA-DI Probability						
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0%						
41															
42	Item/Description					Worktimes (Min.)									
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)					
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%	0%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%						
46															

	A	B	C	D	E	F	G	H	I	J	K
1	**Florida**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
5	**Item/Description**				**Worktimes (Min.)**						
6	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**SL1 Probability (Dispatch)**	**SL2 Probability (Dispatch)**
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	0.00	0.00	0.00	0%	0%

	A	B	C	D	E	F	G	H
1	Florida							
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	Source	Amount					
7	% DLC	Digital%.xls	13.86%	This taken from BellSouth resonse to interof 20-24 UDLC/(UDLC+Copper)				
8					i.e. =	523,191/(523,191+3,250,835)		
9	Location Life - 2 wire	Flloclif.xls	43	months				
10								
11								
12								
13	Subscriber Line Testing	FSLT.xls	$ 0.2642					
14								
15	Network Termining Wire	FLNTW.xls	$ 0.1638					

10/8/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

	Installation - First			Disconnect - First		
DESCRIPTION	**DIRECT COST**	**SHARED COST**	**TELRIC**	**DIRECT COST**	**SHARED COST**	**TELRIC**
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J	K	L	N	N	P
1															
2		10/8/2004		Non Recurring Cost Development - Direct Cost											
3															
4															
5				FLORIDA											
6				A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion											
7															
8						A	A(min)		B	B(min)		C	D=AxC		E=B*C
9															
10	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)		Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)		Direct Labor Rate	Installation cost		Disconnect cost
11	2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000000000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
12	3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000000000	0		0.0000	0.0000		$25.854	$0.0000		$0.0000
13	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0		0.0000	0.0000		$34.310	$0.0000		$0.0000
14	5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
15	6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$32.620	$0.0000		$0.0000
16	7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0		0.0000	0.0000		$38.310	$0.0000		$0.0000
17	8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0		0.0000	0.0000		$32.760	$0.0000		$0.0000
18	9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0		0.0000	0.0000		$42.040	$0.0000		$0.0000
19	10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
20	11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
21	12	OSS Change		OSS Electronic change charge	First	0.0000	0		0.0000	0.0000			$0.0960		$0.0960
22												Total First	$0.0960		$0.0960
23				FLORIDA											
24				A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion											
25															
26						A	A(min)		B	B(min)		C	D=AxC		E=B*C
27															
28	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)		Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)		Direct Labor Rate	Installation cost		Disconnect cost
29	1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0000	0		0.0000	0.0000		$33.640	$0.0000		$0.0000
30	2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
31	3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0		0.0000	0.0000		$25.854	$0.0000		$0.0000
32	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0		0.0000	0.0000		$34.310	$0.0000		$0.0000
33	5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$40.538	$0.0000		$0.0000
34	6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0		0.0000	0.0000		$32.620	$0.0000		$0.0000
35	7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0		0.0000	0.0000		$38.310	$0.0000		$0.0000
36	8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0		0.0000	0.0000		$32.760	$0.0000		$0.0000
37	9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0		0.0000	0.0000		$42.040	$0.0000		$0.0000
38	10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
39	11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0		0.0000	0.0000		$40.260	$0.0000		$0.0000
40	12	OSS Change		OSS Electronic change charge	First	0.0100	0		0.0000	0.0000			$0.0960		$0.0960
41												Total First	$0.0960		$0.0960
42															
43				This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P											
44				Inputs to this sheet come from the FL-2W study modified by Supra Telecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L											
45				The FL-2W cost study is the cost study used to establish rates for 2 wire VG loop in Florida, based upon Bellsouths October 8, 2001 Compliance filing model											
46															
47															
48															
49				This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC											

Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN – 49
Supra's Group 4 Cost Study –IDLC UNE-P to Switch Side Dorr UNE-L FL-2w.xls

10/8/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	DIRECT COST	SHARED COST	TELRIC	DIRECT COST	SHARED COST	TELRIC
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

A.1.2 2-WIRE Analog Voice Grade Loop - Service Level 2

Non Recurring cost

	Installation - First			Disconnect - First		
DESCRIPTION	DIRECT COST	SHARED COST	TELRIC	DIRECT COST	SHARED COST	TELRIC
Non Recurring Cost Development Reports	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
OTHER EXPENSES						
Total Cost	$0.0960	$0.0000	$0.0960	$0.0960	$0.0000	$0.0960
Gross Receipts Tax Factor			X $1.001713			X $1.001713
Cost (including Gross Receipts Tax)			$0.0962			$0.0962
Common Cost Factor			X $1.0624			X $1.0624
Economic Cost			$0.1022			$0.1022

This summary sheet is modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

10/8/2004

Non Recurring Cost Development - Direct Cost

FLORIDA

A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000000000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000000000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0	0.0000	0.0000	$38.310	$0.0000	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0	0.0000	0.0000	$32.760	$0.0000	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0	0.0000	0.0000	$42.040	$0.0000	$0.0000
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
12	OSS Change		OSS Electronic change charge	First	0.0000	0	0.0000	0.0000		$0.0960	$0.0960
									Total First	$0.0960	$0.0960

FLORIDA

A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE-P to UNE-L Conversion

					A	A(min)	B	B(min)	C	D=AxC	E=B*C
Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type	Installation Worktimes (Hours)	Installation Worktimes (Minutes)	Disconnect Worktimes (Hours)	Disconnect Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect cost
1	ENGINEERING - CPG	4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	First	0.0000	0	0.0000	0.0000	$33.640	$0.0000	$0.0000
2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
3	ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0	0.0000	0.0000	$25.854	$0.0000	$0.0000
4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	$34.310	$0.0000	$0.0000
5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$40.538	$0.0000	$0.0000
6	ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	0.0000	0.0000	$32.620	$0.0000	$0.0000
7	CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0	0.0000	0.0000	$38.310	$0.0000	$0.0000
8	CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0000	0	0.0000	0.0000	$32.760	$0.0000	$0.0000
9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.0000	0	0.0000	0.0000	$42.040	$0.0000	$0.0000
10	CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	0.0000	0.0000	$40.260	$0.0000	$0.0000
12	OSS Change		OSS Electronic change charge	First	0.0100	0	0.0000	0.0000		$0.0960	$0.0960
									Total First	$0.0960	$0.0960

This summary sheet is modeled after the BSCC 2.4 output for
A.1.1 in Florida Docket 990649-P
Inputs to this sheet come from the FL-2W study modified by Supra
Tellecommunications and Information Systems to reflect costs
avoided in the conversion from UNE-P to UNE-L
The FL-2W cost study is the cost study used to establish rates for
2 wire VG lop in Florida, based upon Bellsouths October 8, 2001
Compliance filing model

This summary page modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J
1	Florida									
2	Index Sheet									
3	Study Period: 2000-2002									
4										
5										
6										
7										
8										
9			**Sheet Name:**		**Description:**					
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion					
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA					
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES					
13			WP100		Nonrecurring Worktimes					
14			INPUTS_ENGINEERING		Detailed Labor Worktimes					
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes					
16			INPUTS_TRAVEL		Detailed Labor Worktimes					
17			INPUTS_MISC		Miscellaneous Inputs					
18										
19										
20										
21										
22					**Version 1.0 - 10/08/2004**					
23					Based upon Deposition(s) of Caldwell and 9/24/04 Ainsworth Depo					

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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				**Recurring**	**Recurring**	
15			**Recurring**	**Volume**	**Volume**	
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						
809			Maximum 10 entries per Cost Element #			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1		**CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES**													
2															
3		**Instructions:**													
4		**1. Use this worksheet to record nonrecurring labor times to be input into the 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		**6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first**													
11		**and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.**													
12		**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.**													
13															
14															
15	**Study Mid-Point Date (Mos.)**			6/1/2001											
16															
17						**(For use w/ one NR)**		**First**	**First**	**Additional**	**Additional**	**Initial**	**Initial**	**Subsequent**	**Subsequent**
18			**Cost**			**Installation**	**Disconnect**	**Installation**	**Disconnect**	**Installation**	**Disconnect**	**Installation**	**Disconnect**	**Installation**	**Disconnect**
19		**Cost**	**Element**	**Labor Expense Description**	**JFC/**	**Time**	**Time**	**Time**	**Time**	**Time**	**Time**	**Time**	**Time**	**Time**	**Time**
20	**State**	**Element #**	**Life (Mo)**	**(Limited to 25 characters)**	**Payband**	**(Hours)**	**Hours**	**(Hours)**	**Hours**	**(Hours)**	**Hours**	**(Hours)**	**Hours**	**(Hours)**	**Hours**
21	FL	A.1.1	43	ENGINEERING - PICS	JG57			-	-	-	-				
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			-	-	-	-				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			-	-	-	-				
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX			-	-	-	-				
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			-	-	-	-				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-	-	-				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			-	-	-	-				
31				OSS Electronic change charge				0.0100							
32	FL	A.1.2	43	ENGINEERING - CPG	4N4X			-	-	-	-				
33	FL	A.1.2	43	ENGINEERING - PICS	JG57			-	-	-	-				
34	FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-	-				
35	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	-	-	-				
36	FL	A.1.2	43	ENGINEERING - SAC	JG57			-	-	-	-				
37	FL	A.1.2	43	ENGINEERING - SAC	4FXX			-	-	-	-				
38	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			-	-	-	-				
39	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			-	-	-	-				
40	FL	A.1.2	43	CONNECT & TEST - CO	431X			-	-	-	0.0213				
41	FL	A.1.2	43	CONNECT & TEST - I&M	411X			-	-	-	-				
42	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			-	-	-	-				
43								0.0100							
44		END													
45															
46				Maximum of 25 entries per Cost Element #											

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	**A.1.1**	**2-Wire Analog Voice Grade Loop - Service Level 1**									
6											
7	Location Life	43	months	(=INPUTS_MISC!C9)							
8				**Worktimes (Min.)**				**Worktimes (Hrs.)**			
9	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
10	N/A	ENGINEERING - CPG	4N4X	0	0	0	0	0	0	0	0
11	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
12	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
13	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
14	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
15	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
16	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0	0.00	0.00	0.0000	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
18	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
19	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
20	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
21	**SubTotal**			**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**
22											
23	Florida										
24	Nonrecurring Worktimes										
25	Study Period: 2000-2002										
26											
27	**A.1.2**	**2-Wire Analog Voice Grade Loop - Service Level 2**									
28											
29	Location Life	43	months	(=INPUTS_MISC!C9)							
30				**Worktimes (Min.)**				**Worktimes (Hrs.)**			
31	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
32	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
33	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
34	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
35	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
37	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
38	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
40	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	0.00	0.00	0.00	1.28	0.0000	0.0000	0.0000	0.0213
41	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
42	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
43	**SubTotal**			**0.00**	**0.00**	**0.00**	**1.28**	**0.00**	**0.00**	**0.00**	**0.02**

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description				Worktimes (Min.)									
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	0%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
9														
10	Item/Description				Worktimes (Min.)									
11	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	0%	0%	50%			
13														
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
15	Processes request.SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	0%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	0.00	0%	0%	0%	0%		
17														
18														
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
20	State-specific % of loops served through DLC	=(INPUTS_MISC C7)	14%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	0%	0%	0%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
1	**Florida**														
2	**Detailed Labor Worktimes**														
3	**Study Period: 2000-2002**														
4															
5	**Item/Description**				**Worktimes (Min.)**										
6	**Unbundled Network Element Center (UNEC) Work Activities**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**(SL1??) Probability / Reuse**	**(SL2???) Probability / Reuse**	**Not used FOR ANYTHING! Probability / Reuse**		**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
7	**Provisioning Variables**														
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%						
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%						
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	**Total of Worktimes * Probabilities**				**0.00**	**0.00**	**0.00**	**0.00**							
13															
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	0.00	3.00	0.00	0%	0%			1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	0%	0%	100%		1.00		
18	Ensures disposition	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	22.00	0.00	22.00	0.00	0%	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	20.00	0.00	0%	0%	100%		1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	10.80	0.00	0.00	0.00	0%	0%			1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%			1.00		
24															
25	**Item/Description**				**Worktimes (Min.)**										
26	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**Probability Work Activity Will Be Performed**	**Probability, Dispatch Rate SL1**	**Probability, Dispatch Rate SL2**	**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISC!C7	14%												
28															
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	30.00	0.00	0.00	0.00	0%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	19.00	0.00	19.00	0.00	0%	100%	100%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	16.00	0.00	16.00	0.00	0%	100%	100%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	0%	100%	100%	1.00	1.50	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	22.00	0.00	23.00	0.00	0%	100%	100%	1.00	1.50	
35	Trouble resolution at premises	Network	CONNECT & TEST - I&M	411X	410X	56.00	0.00	58.00	0.00	0%	100%	100%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	13.00	0.00	0.00	0.00	0%	100%	100%	1.00		
37															
38	Item/Description							Worktimes (Min.)							
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WI A QI Probability						
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0%						
41															
42	Item/Description							Worktimes (Min.)							
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)					
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%	0%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	7.50	1.50	85%						
46															

	A	B	C	D	E	F	G	H	I	J	K
1	**Florida**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
	Item/Description				**Worktimes (Min.)**						
6	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**SL1 Probability (Dispatch)**	**SL2 Probability (Dispatch)**
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	0.00	0.00	0.00	0%	0%

	A	B	C	D	E	F	G	H
1	Florida							
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	Source	Amount					
7	% DLC	Digital%.xls	13.86%	This taken from BellSouth resonse to interof 20-24 UDLC/(UDLC+Copper)				
8					i.e. =	523,191/(523,191+3,250,835)		
9	Location Life - 2 wire	Flloclif.xls	43	months				
10								
11								
12								
13	Subscriber Line Testing	FSLT.xls	$ 0.2642					
14								
15	Network Termining Wire	FLNTW.xls	$ 0.1638					

2-Voice Grade Loop - SL1 and SL2
Modified by Supra Telecom - 12/24/2003

12/24/2004

Nonrecurring Cost Summary

FLORIDA

A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

Non Recurring cost

Installation - First

DESCRIPTION	DIRECT COST	SHARED COST		TELRIC
Non Recurring Cost Development Reports	$10.6562	$0.0000		$10.6562
OTHER EXPENSES				
Total Cost	$10.6562	$0.0000		$10.6562
Gross Receipts Tax Factor			X	$1.001713
Cost (including Gross Receipts Tax)				$10.6744
Common Cost Factor			X	$1.0624
Economic Cost				$11.3405

This study modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

12/24/2004 **Non Recurring Cost Development - Direct Cost**

FLORIDA

A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE-P to UNE-L Conversion

				A	A(min)	C	D=AxC
Function	**JFC / Payband**	**JFC/Payband Description**	**NRC Type**	**Installation Worktimes (Hours)**	**Installation Worktimes (Minutes)**	**Direct Labor Rate**	**Installation cost**
ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000	0	$40.538	$0.0000
ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.0000	0	$25.854	$0.0000
ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	$34.310	$0.0000
ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	$40.538	$0.0000
ENGINEERING - SAC	4FXX	Reviews request and handles request for manual assistance (RMA).	First	0.0000	0	$32.620	$0.0000
CONNECT & TEST - UNEC	4AXX	Unbundled Network Element Center (UNEC) Work Activities	First	**0.0908**	**5.445**	**$38.310**	**$3.4766**
CONNECT & TEST - WMC	4WXX	WMC coordinates dispatched technicians	First	0.0010	0.06	$32.760	$0.0328
CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY	First	0.1700	10.2	$42.040	$7.1468
CONNECT & TEST - I&M	410X	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	First	0.0000	0	$40.260	$0.0000
TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.0000	0	$40.260	$0.0000
						Total First	$10.6562

This study is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P
Inputs to this sheet come from the FL-2W study modified by Supra Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L
The FL-@W cost study is the cost study used to establish rates for 2 wire VG lop in Florida, based upon Bellsouths October Compliance filing model

This study modeled after the corresponding BSCC 2.4 Cost Summary presented by BellSouth to the FPSC

	A	B	C	D	E	F	G	H	I	J	K	L
1	Florida											
2	Index Sheet											
3	Study Period: 2000-2002											
4												
5												
6												
7												
8												
9			**Sheet Name:**		**Description:**							
10			Index		2-Voice Grade Loop - SL1 and SL2 UNE-P To UNE-L Conversion							
11			Additives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA							
12			Nonrecurring Labor		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES							
13			WP100		Nonrecurring Worktimes							
14			INPUTS_ENGINEERING		Detailed Labor Worktimes							
15			INPUTS_CONNECT&TEST		Detailed Labor Worktimes							
16			INPUTS_TRAVEL		Detailed Labor Worktimes							
17			INPUTS_MISC		Miscellaneous Inputs							
18												
19												
20												
21												
22					**Version 1.0 - 12/24/2003**							
23					Modified by Supra Telecommunications and Information Systems Inc.							
24					Concept that this study ONLY considers copper / UDLC UNE-L loops confiremed 04-0301							
25					BST response to Supra Int. #4. No IDLC provisioning should be included.							
26					**Version 2.0 - 10/08/2004**							
27					Based upon Deposition of Caldwell and 9/24/04 Ainsworth Depo							

	A	B	C	D	E	F
1		**CALCULATOR INPUT FORM - RECURRING EXPENSES DATA**				
2						
3		**Instructions:**				
4		**1. Use this worksheet to record recurring non-labor expenses 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						
16		**Cost**	**Expense Description**	**Sensitive**	**Insensitive**	
17	**State**	**Element #**	**(Limited to 25 characters)**	**$ Amount**	**$ Amount**	
18	FL	A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609	FL	A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						
809			Maximum 10 entries per Cost Element #			

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
1		CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES														
2																
3		Instructions:														
4		1. Use this worksheet to record nonrecurring labor times to be input into the 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		6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first														
11		and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost.														
12		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.														
13																
14																
15	Study Mid-Point Date (Mos.)			6/1/2001												
16																
17							(For use w/ one NR)		First		First	Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost			Installation	Disconnect	First Installation		Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time		Time	Time	Time	Time	Time	Time	Time
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	(Minutes)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours
21	FL	A.1.1	43	ENGINEERING - PICS	JG57			-	-	-	-	-				
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			-	-	-	-	-				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			-	-	-	-	-				
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			-	-	-	-	-				
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX			-	-	-	-	-				
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			0.0908	5.4450	0.0733	-	-				
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			0.0010	0.0600	-	-	-				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			0.1700	10.2000	0.1360	0.0907	0.0907				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-	-	0.2653	0.0556				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			-	-	-	-	-				
31	FL	A.1.2	43	ENGINEERING - CPG	4N4X			-	-	-	-	-				
32	FL	A.1.2	43	ENGINEERING - PICS	JG57			-	-	-	-	-				
33	FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-	-	-				
34	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	-	-	-	-				
35	FL	A.1.2	43	ENGINEERING - SAC	JG57			-	-	-	-	-				
36	FL	A.1.2	43	ENGINEERING - SAC	4FXX			-	-	-	-	-				
37	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			0.1192	7.1500	0.0733	-	-				
38	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			0.0010	0.0600	-	-	-				
39	FL	A.1.2	43	CONNECT & TEST - CO	431X			0.2833	17.0000	0.2125	0.1417	0.0992				
40	FL	A.1.2	43	CONNECT & TEST - I&M	411X			-	-	-	-	-				
41	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			-	-	-	-	-				
42																
43		END														
44																
45				Maximum of 25 entries per Cost Element #												

	A	B	C	D	E	F	G	H	I	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002										
4											
5	**A.1.1**	**2-Wire Analog Voice Grade Loop - Service Level 1**									
6											
7	Location Life	43	months	(=INPUTS_MISCIC9)							
8				**Worktimes (Min.)**				**Worktimes (Hrs.)**			
9	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
10	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
11	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
12	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
13	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
14	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
15	INPUTS_CONNECT&TEST UNEC, Rows 14+15+18+22+23 * N14	CONNECT & TEST - UNEC	4AXX	5.45	4.4	0.00	0.00	0.0908	0.0733	0.0000	0.0000
16	INPUTS_CONNECT&TEST WMC, Row 40 * I40	CONNECT & TEST - WMC	4WXX	0.00	0.00	0.00	0.00	0.0010	0.0000	0.0000	0.0000
17	INPUTS_CONNECT&TEST CO, Row 45 * J44	CONNECT & TEST - CO	431X	10.20	8.16	5.44	5.44	0.1700	0.1360	0.0907	0.0907
18	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	0.00	0.00	15.92	3.33	0.0000	0.0000	0.2653	0.0556
19	INPUTS_TRAVEL I&M, Row 7	TRAVEL - SSI&M and I&M	410X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
20											
21											

	A	B	C	D	E	F	G	H	I	J	K
22	Florida										
23	Nonrecurring Worktimes										
24	Study Period: 2000-2002										
25											
26	**A.1.2**	**2-Wire Analog Voice Grade Loop - Service Level 2**									
27											
28	Location Life	43	months	(=INPUTS_MISCIC9)							
29											
					Worktimes (Min.)				Worktimes (Hrs.)		
30	**Source (* FL Change)**	**Description**	**JFC / JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**
31	INPUTS_ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
32	INPUTS_ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
33	INPUTS_ENGINEERING, Rows 22+23*20 * N20	ENGINEERING - PICS	WS16	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
34	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
35	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
37	INPUTS_CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	7.15	4.40	0.00	0.00	0.1192	0.0733	0.0000	0.0000
38	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.06	0.00	0.00	0.00	0.0010	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 44 * I44	CONNECT & TEST - CO	431X	17.00	12.75	8.50	5.95	0.2833	0.2125	0.1417	0.0992
40	INPUTS_CONNECT&TEST, Rows 29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
41	INPUTS_TRAVEL, Row 7	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description					Worktimes (Min.)								
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
7	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	0%	50%				
8	Reviews request and handles request for manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
9														
10	Item/Description					Worktimes (Min.)								
11	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	7.00	8.00	7.00	0%	0%	50%			
13														
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
15	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	16.00	16.00	0.00	0.00	0%	0%	0%	0%	50%	
16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	4.00	18.00	4.00	0%	0%	0%	0%		
17														
18														
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl Install	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
20	State-specific % of loops served through DLC	=(INPUTS_MI SC C7)	55%											55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order	Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
23	Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16	30.00	0.00	30.00	0.00	0%	0%	0%	0%	3%	

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
1	**Florida**													
2	**Detailed Labor Worktimes**													
3	**Study Period: 2000-2002**													
4														
5	**Item/Description**						**Worktimes (Min.)**							
6	**Unbundled Network Element Center (UNEC) Work Activities**	**Source**	**Description**	**JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**(SL1??) Probability / Reuse**	**(SL2??) Probability / Reuse**	**Not used FOR ANYTHING! Probability / Reuse**	**2W / 4W Multiplier**		**FPSC Staff Recommend Adjustment (100% - Adj)**
7	**Provisioning Variables**													
8	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	2.40	2.40	2.40	0.00	0%					
9	(2) Escalations (12% of orders at 7.2 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	7.20	7.20	7.20	0.00	0%					
10	(3) Assist Calls (6% of orders at 15.6 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	15.60	15.60	15.60	0.00	0%					
11	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	1.80	1.80	1.80	0.00	0%					
12	**Total of Worktimes * Probabilities**				**0.00**	**0.00**	**0.00**	**0.00**						
13														
14	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	8.00	8.00	0.00	0.00	100%			1.00		55%
15	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	100%			1.00		
16	Verifies and ensures accuracy of order design SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	3.00	3.00	3.00	3.00	0%			1.00		
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00	4.00	0.00	0%	10%	100%	1.00		
18	Dispatch UNEC	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	5.00	0.00	0.00	0.00	0%	10%		1.00		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	53.60	0.00	53.60	0.00	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0%			1.00	1.50	
21	Performs manual order coordination (remote call forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	20.00	0.00	20.00	0.00	0%	10%	100%	1.00		
22	UNEC contacts customer and completes order	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	10.80	10.80	0.00	0.00	0%			1.00		
23	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	65.00	0.00	0.00	0%			1.00		
24														

	A	B	C	D	E	F	G	H	I	J	K	L	M	N
25	Item/Description						Worktimes (Min.)							
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG /WS	IM JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate, Fallout)	2W / 4W Multiplier		FPSC Staff Recommend Adjustment (100% - Adj)
27	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS-MISCIC7	55%											
28														
29	Processes requests	Network	CONNECT & TEST - I&M	411X	410X	20.00	20.00	0.00	0.00	0%	38%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	CONNECT & TEST - I&M	411X	410X	19.00	10.00	19.00	10.00	0%	38%	1.00		
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST - I&M	411X	410X	16.00	8.00	16.00	8.00	0%	38%	1.00	1.50	
32	Checks continuity and dial tone	Network	CONNECT & TEST - I&M	411X	410X	15.00	0.00	15.00	0.00	0%	38%	1.00	1.50	
33	Trouble resolution at crossbox	Network	CONNECT & TEST - I&M	411X	410X	45.00	0.00	45.00	0.00	0%	38%	1.00	1.50	
34	Tests from NID & Tagging loop	Network	CONNECT & TEST - I&M	411X	410X	23.00	0.00	23.00	0.00	0%	38%	1.00	1.50	
35	Trouble resolution at premises SL1 ONLY???	Network	CONNECT & TEST - I&M	411X	410X	56.00	0.00	56.00	0.00	0%	38%	1.00	1.50	
36	Completes order	Network	CONNECT & TEST - I&M	411X	410X	19.00	19.00	0.00	0.00	0%	38%	1.00		
37														
38	Item/Description						Worktimes (Min.)							
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	WFA-DI Probability					
40	WMC coordinates dispatched technicians	Network	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	3%					
41														
42	Item/Description						Worktimes (Min.)							
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	15% Carried in Other Transport Elements	FPSC Staff Recommend Adjustment (100% - Adj)				
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO	431X	20.00	15.00	10.00	7.00	85%	80%				
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	15.00	12.00	8.00	8.00	85%					
46														

	A	B	C	D	E	F	G	H	I	J	K
1	**Florida**										
2	**Detailed Labor Worktimes**										
3	**Study Period: 2000-2002**										
4											
5	**Item/Description**					**Worktimes (Min.)**					
6	**SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES**	**Source**	**Description**	**SSIM JG /WS**	**IM JG / WS**	**First Install**	**First Disconnect**	**Addtl Install**	**Addtl Disconnect**	**SL1 Probability (Fallout)**	**SL2 Probability (Fallout)**
7	Dispatched to crossbox	Network	TRAVEL - SSI&M and I&M	411X	410X	20.00	20.00	0.00	0.00	0%	0%

	A	B	C	D
1	**Florida**			
2	**Miscellaneous Inputs**			
3	**Study Period: 2000-2002**			
4				
5				
6	**Input Description**	**Source**	**Amount**	
7	**% DLC**	**Digital%.xls**	**55.00%**	
8				
9	**Location Life - 2 wire**	**Flloclif.xls**	**43**	**months**
10				
11				
12				
13	**Subscriber Line Testing**	**FSLT.xls**	**$ 0.2642**	
14				
15	**Network Termining Wire**	**FLNTW.xls**	**$ 0.1638**	