1	BEFORE THE FPSC – REBUTTAL TESTIMONY OF
2	DAVID A. NILSON
3	ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION
4	SYSTEMS, INC.
5	DOCKET NO. 04-0301-TP
6	FILED: OCTOBER 8, 2004
7	
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BEFORE THE FPSC - REBUTTAL TESTIMONY OF

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DAVID A. NILSON

ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, 5 2 107 23 \$

Filed: October 8, 2004

### I. INTRODUCTION AND SUMMARY OF TESTIMONY 1 2 PLEASE STATE YOUR NAME AND ADDRESS 3 O. My name is David A. Nilson. My business address is 2620 SW 27<sup>th</sup> Avenue, Miami, 4 A. 5 Florida 33133. 6 BY WHOM ARE YOU EMPLOYED AND IN WHAT CAPACITY? 7 Ο. 8 I am employed by Supra Telecommunications and Information Systems, Inc. ("Supra") A. 9 as its Chief Technology Officer. 10 ARE YOU THE SAME DAVID NILSON WHO FILED DIRECT TESTIMONY IN 11 Q. THIS DOCKET? 12 13 A. I am. 14 WHAT IS THE PURPOSE OF YOUR TESTIMONY? 15 Q. The purpose of my testimony is to rebut the testimony of D. Daonne Caldwell, and 16 A. 17 Kenneth Ainsworth of Bellsouth on issues 1 through 4. 18 WHICH ISSUES DO YOU ADDRESS IN YOUR TESTIMONY? 19 Ο. 20 I provide rebuttal testimony regarding the position of the BellSouth witnesses relative to A. what nonrecurring rate, if any, applies for a conversion from UNE-P to UNE-L when the UNE-P 21 line is served by copper or UDLC loop (Issue 1) or IDLC loop (Issue 2), and whether a new 22 nonrecurring rate should be created for a conversion from UNE-P to UNE-L when the UNE-P 23 BEFORE THE FPSC - DIRECT TESTIMONY OF DAVID A. NILSON ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, INC. DOCKET NO. 040301-TP Filed: September 8, 2004

2	such a	a conversion (Issues 3 and 4).
3	II.	How to read a cost study.
4	Q.	WILL YOU PLEASE EXPLAIN HOW TO READ AND INTERPRET THE COST
5		STUDIES FILED IN THIS DOCKET?
6	A.	Gladly. Turn to Supra Exhibit # DAN-45. The structure and for of these costs studies is
7	as def	fined by Bellsouth in Docket 990649-TP from Tab 3 – Tab 10. Tabs 1 and 2 represent the
8	outpu	t of the Bellsouth cost calculator BSCC 2.4, but were created by Hand in Excel to provide
9	a sing	de Excel workbook, self contained for this project.
10		
11	Tab 1	- Non Recurring Cost Summary.
12		This tab is the final, top level rollup of Cost (direct and TELRIC), Gross receipts factor
13	and C	common Cost factor leading to the final "Economic Cost" for installation and disconnection
14	of the	relevant elements. Tabs 1 and 2 represent the output of the Bellsouth cost calculator
15	BSCC	C 2.4. This Tab derives its input from Tab 2.
16		
17	Tab 2	Non recurring Cost development
18		This tab is where the line item departmental / paygrade totals developed in Tab 5 are
19	multip	olied by the Direct Labor rates to arrive at the TELRIC cost. Tabs 1 and 2 represent the
20	outpu	t of the Bellsouth cost calculator BSCC 2.4. This Tab derives its input from Tab 5.
21		
22	Tab 3	Index .

line is served by copper or UDLC (Issue 3), or IDLC (Issue 4), and what should be the rate for

1	This tab is normally the top level "cover sheet" in a Bellsouth cost study and is used by
2	the Bellsouth cost calculator BSCC 2.4. This Tab derives no input.
3	
4	Tab 4 Additives Recurring
5	This documents recurring Expenses data which is then input into Tab 10
6	(INPUTS_MISC) it documents, for all BellSouth offices the recurring cost of Subscriber line
7	testing and Network Terminating wire. This Tab derives no input. This tab is input to Tab 10
8	(INPUTS_MISC)
9	<del>-</del>
10	Tab 5 Nonrecurring Labor
11	This tab is where the line item departmental / paygrade totals are presented to the cost
12	calculator. All costs on the wp100 tab are summarized here, by UNE element, by Department /
13	paygrade with one line per department paygrade. Installation and disconnect times for First
14	Install and additional Install are documented here. This Tab is input to Tab 2 and the BSCC 2.4
15	Cost Calculator. This Tab derives its input from Tab 6.
16	
17	Tab 6 WP100
18	This tab is where the line item departmental / paygrade totals are developed. All costs on
19	the INPUTS_XXX tabs are summarized her, by UNE element, by Department / paygrade with
20	one line per department paygrade. Installation and disconnect times for First Install and
21	additional Install are documented here. This Tab is input to Tab 5 and derives its input from
22	Tab(s) 7-10.
23	

1 2 3 4	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
5	and disconnect times for First Install and additional Install are documented here. They are
6	further modified by a) Probability of occurrence, Probability of Dispatch and FPSC Staff
7	Recommended Adjustments This Tab is input to Tab 6 and derives its input from Subject
8	Matter Experts ("SMEs").
9	•
10	Tab 10 INPUTS_MISC
11	This tab is where misc. data used by Tabs 7,8, and 9 are documented. It takes its input
12	from SMEs and Tab 4.
13	
14 15 16	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?
17	
18	Q. HAS BELLSOUTH CITED TO ANY CONTRACTUAL REFERENCE WHEREIN
19	A HOT CUT FROM UNE-P TO UNE-L FOR COPPER OR UDLC LINES IS
20	MENTIONED?
21	A. No. Neither in the direct testimony of Ms. Caldwell nor Mr. Ainsworth is there any
22	contractual cite to a rate for UNE-P to UNE-L conversions, much less a rate for such a
23	conversion on a copper or UDLC line.
24	

# 1 Q. HAS BELLSOUTH CITED TO ANY FPSC ORDER WHEREIN A HOT CUT 2 FROM UNE-P TO UNE-L FOR COPPER OR UDLC LINES IS MENTIONED? 3 A. No. Neither in the direct testimony of Ms. Caldwell nor Mr. Ainsworth is there a cite to a 4 FPSC ordered rate for UNE-P to UNE-L conversions, much less a rate for such a conversion on a 5 copper or UDLC line. BellSouth argues that the non-recurring rate for the installation of a new 6 SL1 or SL2 loop (A.1.1 and A.1.2 elements) applies to this situation, but presents absolutely no 7 supporting evidence to substantiate that naked claim. 8 9 Q. WHAT TYPE OF EVIDENCE WOULD YOU HAVE EXPECTED BELLSOUTH 10 TO PRODUCE? 11 We would have expected to see some meeting minutes, notes, flow charts, workpapers or Α. 12 other documentation substantiating BellSouth's claim that its August 16, 2000 SL1 and SL2 cost 13 study took into consideration BellSouth's UNE-P to UNE-L conversion process, particularly in 14 situations where the loop is served via copper or UDLC. Furthermore, we would have expected 15 to see some calculations showing the percentages of all of the different types of installations and 16 hot cuts that purportedly went into the "average loop" which BellSouth claims applies to any 17 number of different processes. Yet, BellSouth has produced no such evidence. 18 19 WHAT EVIDENCE HAS BELLSOUTH PRODUCED? Q.

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

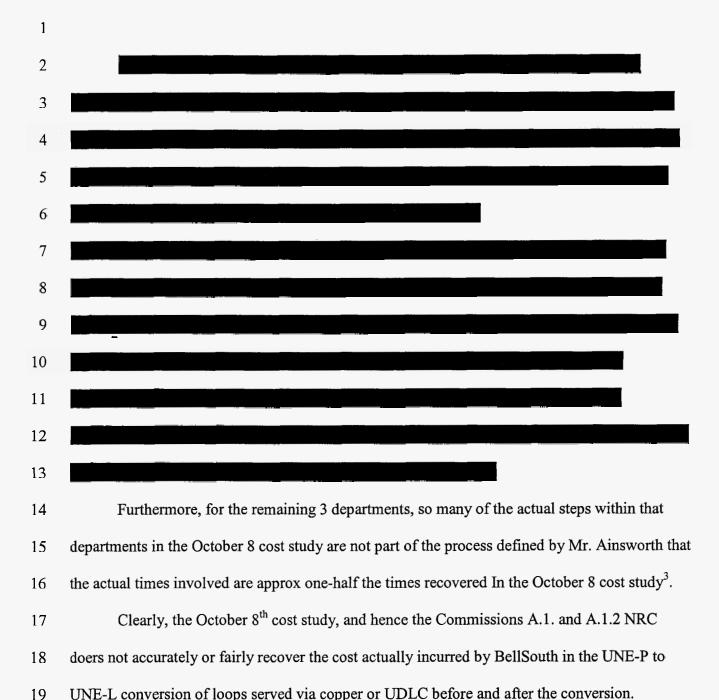
1	perform in the various loops service methods needing to be converted, or put together the
2	underlying inputs (work elements, worktime assessments and probability of (occurrence or of
3	dispatch) factors) that went into the cost studies at issue. See Caldwell Sept. 21, 2004 depo tr., at
4	pg. 16. She had never actually seen a hot cut being performed. See Caldwell Sept. 21, 2004
5	depo tr., at pg. 16. Her knowledge is based solely on hearsay - what someone who works as part
6	of BellSouth's product team told her was to be put into the cost study. As such, neither Supra
7	nor this Commission has the ability to test the veracity of Ms. Caldwell's assertions, as Ms.
8	Caldwell herself does not know how the inputs were arrived at. See Caldwell Sept. 21, 2004
9	depo tr., at pg. 16. In fact, Ms. Caldwell's only function in the process of creating the cost study
10	"is to be sure that all the UNEs are covered and that there's no overlapping." See Caldwell Sept.
11	21, 2004 depo tr., at pg. 14.
12	Amazingly, BellSouth presented Ms. Caldwell as its corporate representative with the
13	most knowledge regarding BellSouth's cost studies which support the non-recurring charges
14	which BellSouth seeks to charge Supra for performing UNE-P to UNE-L conversions. See
15	Caldwell Aug. 18, 2004 depo tr., at pg. 5. As Ms. Caldwell, BellSouth's corporate representative
16	with the most knowledge, could not provide any support for any of the underlying inputs that
17	went into the cost studies at issue, BellSouth does not have a witness that can support its
18	purported costs in this case.
19	
20	Q. HAS SUPRA REQUESTED SUCH EVIDENCE FROM BELLSOUTH?
21	A. Yes, Supra has requested such from BellSouth in its discovery requests in this docket.
22	BellSouth has produced no evidence whatsoever supporting its claim that the August 16, 2000
23	cost study took into consideration UNE-P to UNE-L conversions for loops provided via copper

1	or UDLC. Furthermore, Supra requested that BellSouth provide Supra with all documents filed
2	in the FPSC cost study docket(s) which would support BellSouth's claims. Rather than
3	providing any responsive documents, BellSouth objected. Supra has since moved to compel a
4	response from BellSouth, and such motion remains pending before the Commission. Supra
5	surmises that no responsive documents exist.
6	
7	Q. HAS BELLSOUTH MADE ANY ATTEMPT TO SHOW THAT THE RATES
8	CONTAINED IN THE CURRENT AGREEMENT SOMEHOW APPLY TO A
9	UNE-P TO UNE-L CONVERSION FOR LOOPS SERVED VIA COPPER OR
10	UDLC?
11	A. No. BellSouth has only done two things: (1) regurgitate Mr. Ainsworth's direct
12	testimony submitted on December 4, 2003 in Docket No. 030851-TP (TRO Docket), wherein
13	Mr. Ainsworth sets forth BellSouth's proposed UNE-P to UNE-L conversion process for
14	individual hot cuts; project hot cuts; and batch hot cuts; and (2) submit the unsubstantiated
15	testimony of Ms. Caldwell wherein she testifies that the FPSC already approved a non-recurring
16	rate for an "average hot cut," as such was purportedly included in BellSouth's August 16, 2000
17	SL1 and SL2 cost study. Neither Mr. Ainsworth nor Ms. Caldwell cite to any language, either
18	submitted by BellSouth or set forth by the Commission in an order, wherein there was any
19	discussion of a UNE-P to UNE-L hot cut. Nor does either of BellSouth's witnesses walk us
20	through an analysis of BellSouth's cost study to show how the process of performing a UNE-P to
21	UNE-L conversion for copper and UDLC lines is set forth and properly costed. Instead,
22	BellSouth makes blanket assertions without any underlying factual support.
23	

2	ISSUE 1?
3	A. Yes. While Mr. Ainsworth claimed at his depo that he too did not have the ability to put
4	together the underlying inputs (work elements, worktime assessments and probability of
5	(occurrence or of dispatch) factors) that went into the cost studies at issue. See Caldwell Sept.
6	21, 2004 depo tr., at pg. 16, he was able to speak about the process and the departments included
7	In the October 8 2001 cost study which are not actually involved in a UNE-P to UNE-L hotcut.
8	As a result of Mr. Ainsworths testimony, Supra has modified its 12/24/2003 Cost study presented
9	in my Direct Testimony(Supra Exhibit # DAN-9) with an updated version (Supra Exhibit #
10	DAN-45 <sup>1</sup> ) which addresses:
11	1. Ms Caldwell's concern that the cost study should zero the probability, not the
12	"standard" worktimes when a step is avoided and omitted.
13	2. Mr. Ainsworths detailed deposition analysis of his hot-cut process and the
14	October 8 Cost study worksteps.
15	3. Embedded errors in the original Bellsouth Cost study found in sheet WP100.
16	An increase in the time allocated for the CO forces department to actually
17	perform a hot-cut. While the precise time is yet to be learned through discovery
18	still outstanding, Supra has realized "something" larger than its initial reliance
19	on the 2:39 testified to by Mr. Ainsworth in the TRO hearings was going to
20	have to be allocated for this step. Supra has increased its estimate from 2:39 to
21	

1 O. IS THERE ANYTHING YOU WOULD LIKE TO ADD AS IT RELATES TO

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



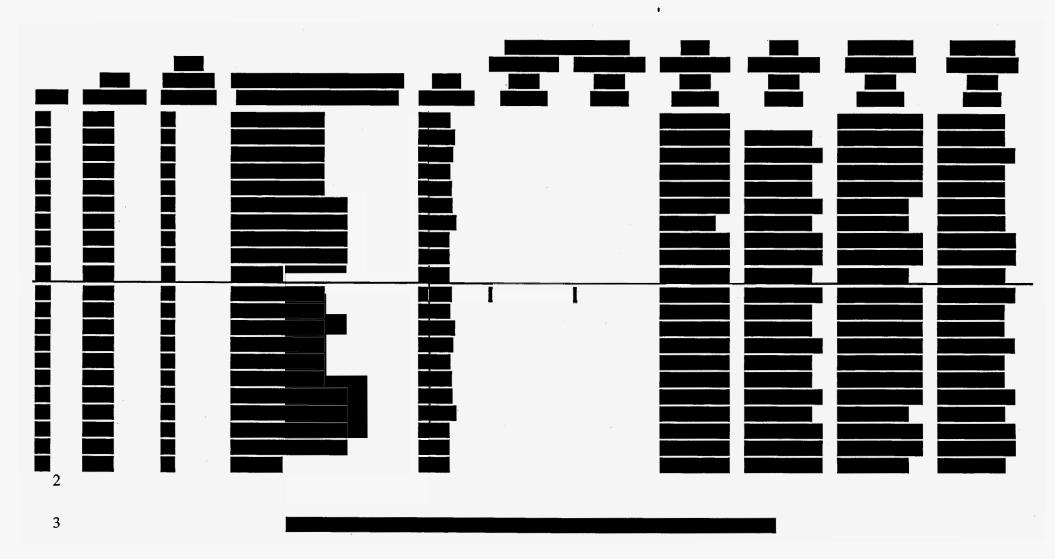
9 separate departments with 10 total paygrades.

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.

2 and A.1.2 NRC rate is **inappropriately high**<sup>6</sup> for a UNE-P to UNE-L hotcut.

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.

<sup>\$49.57 - \$7.53 = \$42.04 =</sup> inappropriately high.



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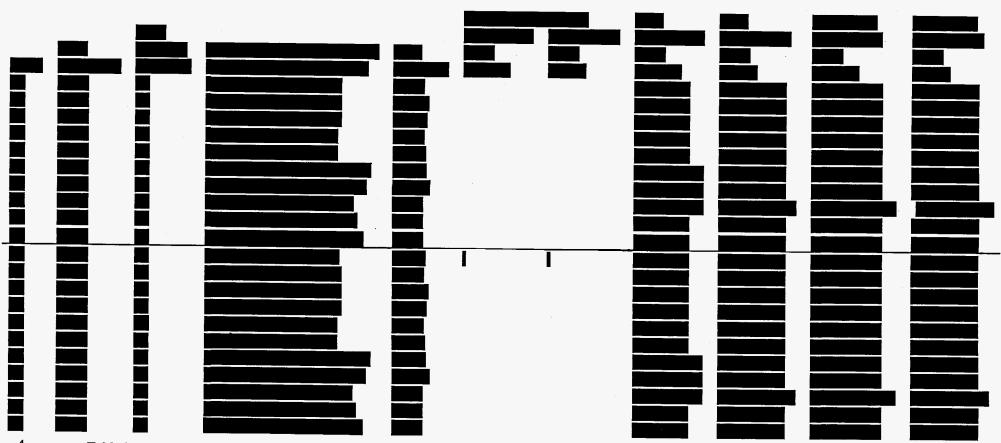


Table 2 - Nonrecurring Labor tab from the Supra Exhibit # DAN-45 Group 1 Copper UDLC Cost study cost study A.1.1 and A.1.2 showing the departments removed and worktimes reduced from the hot-cut cost recovery by Mr. Ainsworths deposition testimony

BEFORE THE FPSC - REBUTTAL TESTIMONY OF

DAVID A. NILSON ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, INC.

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1 2 3	r	ssue 2 – Under the parties' existing interconnection agreement, what nonrecurring ate, if any, applies for a hot-cut from UNE-P to UNE-L, where the lines being onverted are not served by copper or UDLC, for (a) SL1 loops and (b) SL2 loops?
4 5	Q.	HAS BELLSOUTH CITED TO ANY CONTRACTUAL REFERENCE WHEREIN
6		A HOT CUT FROM UNE-P TO NOT SERVED BY COPPER OR UDLC LOOPS
7		TO UNE-L IS MENTIONED?
8	A.	No. Supra's position relative to Issue 1, that, inter alia, BellSouth has failed to provide
9	any c	ontractual or legal citations to support its claims, applies equally to Issue 2 as well.
10		-
11	Q.	IS THERE ANYTHING YOU WOULD LIKE TO ADD AS IT RELATES TO
12		ISSUE 2?
13	A.	Yes. Despite the fact that Mr. Ainsworth has claimed that there are eight different
14	metho	ods available for performing UNE-P to UNE-L hot cuts when the loop is served via IDLC.
15	BellS	outh has not produced any written flow charts or processes which support any of these
16	eight	methods. Furthermore, BellSouth has admitted that it never prepared a cost study for any
17	of the	se eight methods. It is beyond comprehension to believe that such methods were actually
18	consid	dered and accounted for in BellSouth's August 16, 2000 SL1 and SL2 cost study.
19		
20	Q.	HAS BELLSOUTH PROVIDED ANY DOCUMENTATION IN SUPPORT OF
21		ANY OF ITS CLAIMS?
22	A.	No. The only documents BellSouth provided in response to Supra's discovery requests
23	regard	ling the processes involved for these types of hot cuts were: (1) a one page flow chart for a

1	UNEP to UNEL Bulk Migration Process Flow, dated June 6, 2002 <sup>7</sup> ; and (2) Outside Plant
2	Engineering Methods and Procedures for Provisioning Unbundled Network Elements, dated May
3	7, 20048. Neither of these documents evidences the costs for the specific work elements
4	necessary to perform either a bulk hot cut, or an IDLC hot cut. Both of these documents are
5	overly broad and fail to get into any specifics as it relates to the processes necessary to perform
6	such.
7	The outside Plant manual is completely devoid of any mention of the 8 methods of IDLC served
8	UNE-P loops being converted to UNE-L, despite it being proffered as "the" (one and only)
9	definitive document responsive to the request for production #5:
10 11 12 13 14 15	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.
17 18 19 20 21 22 23 24 25 26 27	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.  (Supra Second Request for Production of Documents, #5)  As a result, it is painfully obvious that while BellSouth testifies that it can convert IDLC
28	served UNE-P lines to UNE-L, BellSouth has not actually implemented the processes and

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

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.

- 1 procedures for all 8 (eight) methods, but relies exclusively on the two most costly
- 2 methods, Methods 1<sup>9</sup> and Method 3<sup>10</sup>, and bill Supra for the more expensive of the two
- 3 causing unnecessary expense and disruption of the customers service<sup>11</sup>.
- 4 Perhaps even more disconcerting is the dates of these documents June 6, 2002 and May 7,
- 5 2004. Assuming that these documents were specific enough so as to enable someone to identify
- 6 the elements, worktimes and costs associated with the various processes involved, such would
- 7 not have been available before August 16, 2000 the date in which BellSouth filed its cost study
- 8 which it purports includes these elements. Again, for BellSouth to contend that it considered
- 9 these processes in a cost study prepared two to four years earlier is disingenuous at best.

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

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

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

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

5

7 IN HER DIRECT TESTIMONY AT PAGE 3, LINE 7, MS. CALDWELL STATES Ο. 8 THAT "IT IS BELLSOUTH'S POSITION THAT COST-BASED RATES, WHICH 9 WERE SET BY THIS COMMISSION, ALREADY EXIST THAT REFLECT THE 10 \_ACTIVITIES NECESSARY TO CONVERT A RETAIL LOOP OR A UNE-P 11 LOOP TO AN UNBUNDLED LOOP (UNE-L). THE RATES THAT ARE 12 APPLICABLE TO THE HOT-CUT PROCESS ARE THE NONRECURRING 13 CHARGES FOR THE UNBUNDLED LOOP, THE SERVICE ORDER 14 PROCESSING CHARGE AND THE NONRECURRING CROSS CONNECT 15 RATE, LEADING TO AN SL1 RATE OF \$59.31, AND AN SL2 RATE OF 16 \$145.49." DO YOU AGREE WITH MS. CALDWELL'S ASSERTIONS? 17 A. No. Ignoring fully the arguments in Issue 1 & 2 regarding the existing rates ordered by 18 this Commission, BellSouth's own testimony proves that BellSouth must cease making the 19 claim that the FL-2w.xls cost study recovers the costs incurred in a UNE-P to UNE-L hotcut. 20 First, MS. Caldwell is not a Subject Matter Expert ("SME"), her own deposition 21 testimony<sup>12</sup> shows that her function in the cost study process is to take input from subject matter 22 experts in the various work centers, as directed by the BellSouth product manger, to record, and

<sup>&</sup>lt;sup>12</sup> See Caldwell Sept. 21, 2004 depo tr., at pgs. 13-17.

1	comp	ute, the cost of the work activities identified to her by the SMEs. Second, as Table 1 and 2
2	above	e show, and as will be discussed in greater detail below, the processes involved in
3	perfo	rming a hot cut do not match up with the elements set forth in the FL-2w.xls cost study.
4		
5	Q.	IN HER DIRECT TESTIMONY AT PAGE 7, LINE 5 MS. CALDWELL STATES
6		THAT THE EXISTING COST STUDY CANNOT BE USED TO SUPPORT HE
7		RATE STRUCTURE SUPRA ENVISIONS. WHY IS HER ASSERTION
8		INCORRECT?
9	A.	First, Ms. Caldwell testified in her deposition as follows:
10		Q If BellSouth hasn't created a written process for a certain type of hot cut, for instance
11		this is a hypothetical. Hypothetically speaking, BellSouth hasn't created a written
12		process for a batch hot cut, how can you create a cost study which incorporates
13		something which doesn't have a written process?
14		A. Basically, what you do because we do it all the time. Not referring necessarily
15		to this process; because, again, we're talking hypothetically, but when a new element
16		comes along, I mean, we look at activities that we know that are going to be similar;
17		because to do certain activities, you're going to have those same similar activities in
18		different processes that you do.
19		Q So you're able to take cost estimates from different cost studies that are similar in
20		nature and just plug them into this hypothetical new cost study for a new element?
21		A. Yes. It can be done as long as subject matter experts look at the activities and
22		verify that they are similar.

1	See Caldwell Sept. 21, 2004 depo tr., at pg. 17 (Emphasis added.). Yet, Ms. Caldwell, in her
2	Direct Testimony submitted in this docket, at pg. 7, claims that this very thing is "impossible."
3	Which one is it?
4	Second, it is undisputed that both Bellsouth and the FPSC took exactly that same course
5	of action in Docket 990649a-TP. In fact, BellSouth cut-and-pasted, and occasionally made a
6	slight modification to the INPUTS_CONNECT&TEST, INPUTS_TRAVEL, and
7	INPUTS_ENGINEERING tabs of the Cost studies for widely disparate technologies of loops,
8	maintaining exactly the same worktimes, for the same departments / paygrades, for all the
9	various loop types, and merely made minor modifications to the probabilities of
10	occurrence, and probability of dispatch <sup>13</sup>
11	
12	Q. WHAT EXACTLY DOES THAT MEAN?
13	A. Quite simply, that for each work activity listed in Table 3 – INPUTS_CONNECT&TEST
14	set forth hereinbelow, the worktime is identical to the worktime for the identical work activity,
15	performed by the same department and pay grade. Table 3 – INPUTS_CONNECT&TEST
16	lists each of the worksteps, by department that are included in the INPUTS_CONNECT&TEST
17	section of the cost study for each and every element' listed in Table 4 – FPSC Loop Types
18	'd IDDNIELOAT 14' TIL' ' and a late and listing of the Archimeter of Ma
	with IDENTICAL worktimes. This is an absolute contradiction of the testimony of Ms.
19	Caldwell who stated that the A.1.1 and A.1.2 worktimes and probabilities of dispatch were based
19 20	

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 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!

1 its loop cost studies<sup>14</sup> Bellsouth used identical steps, performed by identical departments, and

2 paygrades, which take identical worktimes, (despite Ms. Caldwell's sworn testimony that

3 the worktimes were independently derived) for each UNE element listed in Table 4 – FPSC

4 Loop Types with IDENTICAL worktimes. It is quite troubling to learn that BellSouths

5 installation dispatch probability for POTS service is identical to a) 4 wire DS1, b) 2 wire ISDN

6 BRI, c) 2 wire ADSL, d) 4 wire HDSL. It is patently ridiculous to expect Supra to accept that

7 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

9 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.

8

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)
Provisioning variables - when UNEC pulls order information (Row 12)  Perifies and ensures accuracy of order design  Preates 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  JNEC contacts customer and completes order  Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
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)
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 JNEC contacts customer and completes order Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
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 JNEC contacts customer and completes order Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
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when service is converted on existing facilities  JNEC contacts customer and completes order  Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
Provisioning Variables - when UNEC contacts customer and completes order (Row 12)
PECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION
ND 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
rouble resolution at crossbox
ests from NID
rouble resolution at premises
ags circuit
ompletes order
VORK MANAGEMENT CENTER (WMC)
VMC coordinates dispatched technicians
ENTRAL OFFICE FORCES (CO)
O Field wires circuit at collocation site.
O Field coordinates testing with UNEC and I&M.

 $Table~3-INPUTS\_CONNECT\&TEST$ 

3

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-El.xls
A.4	4-WIRE ANALOG VOICE GRADE LOOP	
A.4.1*	4-Wire Analog Voice Grade Loop	FL-4w.xls
<b>A.5</b> A.5.1*	2-WIRE ISDN DIGITAL GRADE LOOP	

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

1	Q. IN BELLSOUTH'S PLEADINGS, AND MS. CALDWELL'S DIRECT
2	TESTIMONY AT PAGE 8, LINE 5-6, CLAIMS WERE MADE THAT SUPRA
3	SHOULD HAVE, BUT DID NOT ADDRESS THESE ISSUES IN DOCKET
4	990649-TP. HOW DO YOU RESPOND TO THESE STATEMENTS?
5	A. The BellSouth response(s) in this regard are patently false. The public record proves it
6	so. The FPSC May 25, 2001 UNE rate order <sup>15</sup> clearly proves BellSouth's assertion wrong.
7	Perhaps BellSouth's confusion comes from the fact that the procedural orders for this docket did
8	not contemplate every witness who pre-filed testimony from actually appearing, (as in this year'
9	TRO hearings), but the final order <b>clearly</b> states Supra's testimony was heard:
10 111 112 113 114 115 116 117 118 119 220 221	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.
23	Q. DID SUPRA ATTEMPT TO MAKE AN ISSUE OF THIS IN THE GENERIC UNI
24	DOCKET 990649-TP?

<sup>15</sup> PSC-01-1181-FOF-TP.

I	A. Absolutely, despite the fact that this was no agreement to make UNE-P to UNE-L
2	conversion an identified issue in the Docket <sup>16</sup> . In fact my rebuttal testimony (Supra Exhibit #
3	DAN-40) addressed some 7 pages of testimony regarding the following:
4	1. the non-recurring costs of "move a cross-connect" 17,
5	2. "change a carrier code from ILEC to ALEC in the OSS" 18,
6	3. "non-recurring costs to convert a working circuit to another carrier are different than
7	placing a circuit in operation at a given address."19,
8	4. "the current structure of just one non-recurring rate per UNE loop is allowing the ILEC
9	undue enrichment for activities that are not performed."20,
10	5. "Yet with the exception of the limited scope of order PSC-98-0810-FOF-TP, most
11	ALECs in Florida are paying charges for placing a loop in service, for the first time,
12	whenever they order a conversion of a working circuit."21, and
13	7. "the proper allocation of costs to recurring and or nonrecurring charges <sup>22</sup> ."
14	This testimony was considered by the Commission in setting the non-recurring rate to
15	convert a working <sup>23</sup> retail line to UNE-P of just 10.2 cents out of BellSouths request for \$90 per
16	UNE-P circuit where no service <sup>23</sup> exists. Of the \$90 BellSouth seeks <sup>2425</sup> , just <b>10.2 cents</b> is not

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.

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

<sup>&</sup>lt;sup>18</sup> Id.

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

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

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

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.

Or Soft dialtone equipped line.

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

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

1	avoided in retail to UNE-P conversion. Similarly, in this case, Mr. Ainsworth testifies that the
2	majority of costs in the FL-2w.xls loop cost study are avoided in a UNE-P to UNE-L hot-cut.
3	BellSouth is unable to cite to any testimony, or order which would prove its assertion that
4	the Commission actually addressed the issue of UNE-P to UNE-L conversions in the generic
5	UNE Docket, back at a time when a) no CLEC had the ability to order UNE-P from BellSouth,
6	and b) Bellsouth had no inkling that it might be relieved of its obligation to provide UNE-P. In
7	1999 and 2000, the issue simply was not ripe for adjudication, and the FPSC made no such
8	finding as BellSouth asserts.
9	_
10	Q. DID YOUR TESTIMONY IN DOCKET 990649-TP ADDRESS ANY OTHER
1	ISSUES RELEVANT TO THIS PROCEEDING?
_	
12	
	A. Yes. Access to the same look makeup information that is available to the ILEC, not a
12	A. Yes. Access to the <b>same</b> 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)
12	•
12 13	"CLEC version" "It has been Supra Telecoms experience to date that ILECs (such as BellSouth)
12 13 14	"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
12 13 14 15	"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" and "ALECs should be allowed full access
112 113 114 115 116	"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" and "ALECs should be allowed full access to databases such as LFACs which are needed to determine the quality of the loop"27
12 13 14 15 16	"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" and "ALECs should be allowed full access to databases such as LFACs which are needed to determine the quality of the loop" BellSouth did provide a "CLEC LFACS" interface into LENS, which is particularly
12 13 14 15 16 17 18	"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" and "ALECs should be allowed full access to databases such as LFACs which are needed to determine the quality of the loop"  BellSouth did provide a "CLEC LFACS" interface into LENS, which is particularly oriented for xDSL loop provisioning and leaves out significant information readily

Direct Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-40, pg 13, ln 8-9

Direct Testimony, D. Nilson in 990649-TP, Supra Exhibit # DAN-40, pg 13, ln 1-3

1		information, for example, if that DLC box is operating in UDLC or IDLC mode. Supra's
2		ability to intelligently engineer loops which it wants to convert to UNE-L is thus
3		hampered by the restricted dataset presented by "CLEC LFACS" a.k.a. the Loop
4		Qualification System ("LQS").
5		The Commission should revisit this issue and order Bellsouth to provide CLECS
6		the same loop makeup information it provides itself, not a watered don version suited
7		only for xDSL decision making.
8		
9		<del>-</del>
10	Q.	IN HIS DIRECT TESTIMONY PAGE 1, LN. 15, MR. AINSWORTH
11		SUMMARIZES HIS BACKGROUND AND EXPERIENCE. WHAT DOES THIS
12		TESTIMONY MEAN TO THE ISSUES IN THIS DOCKET?
13	A.	Mr. Ainsworth's testimony identifies specific experience in at least 6 of the departments
14	contai	ined in BellSouth's October 8, cost study <sup>28</sup> for nonrecurring cost of A.1.1 and A.1.2
15	eleme	ents <sup>29</sup> , and in several other departments which support, or provide oversight to these
16	depar	tments.
17		What Mr. Ainsworth does not profess knowledge of is also significant.
18		1. He is not responsible for the structure of, the workitem lists contained in, or
19		the worktimes recorded for the various inputs in the Oct 8 cost study. <sup>30</sup> In fact, Mr.
20		Ainsworth has no direct responsibility with anything that has to do with the creation

<sup>.</sup>e. the October 8, 2001 Compliance Cost study Filing, Revision 1, in Docket 990649a-TP ("Oct 8 study") Worksheet FL-2w.xls.

See Ainsworth Sept. 21, 2004 depo. Tr., pg. 13.

1		of a cost study. For that one must rely on the cost study expert, according to Mr.
2		Ainsworth. <sup>32</sup>
3	2.	(With regard to the various worktimes, while Ms. Caldwell deferred to Mr.
4		Ainsworth on the specific times, Mr. Ainsworth deferred back to the cost study
5		expert <sup>33</sup> , and under examination, back to network department SMEs. He testified to
6		be able to estimate these times but not be precise. <sup>34</sup>
7	3.	Mr. Ainsworth does not testify that the process, departments, or worksteps
8		contained in the October 8 cost study are the correct steps, or times to perform a
9	_	UNE-P to UNE-L hotcut. In fact during step-by-step analysis of the October 8 cost
10		study as compared to Mr. Ainsworth's hot-cut process, 5 of the 8 departments <sup>35</sup> are
11		not involved in the hot-cut process for copper or UDLC <sup>36</sup> , and the worktimes for the
12		largest, and smallest of the two remaining departments are slashed in half. Simply
13		put, Mr. Ainsworth's hot-cut process for copper / UDLC served UNE-P lines is not
14		accurately described by the October 8 Cost study.
15	4.	Mr. Ainsworth does not testify that the costs recovered by the COVAD
16		crossconnect (H.1.9) are additional costs which Bellsouth is entitled to recover, which
17		are not already recovered in the A.1.1 and A.1.2 nonrecurring cost study. BellSouth
18		is double recovering these costs under its current billing practice toward Supra.
19		

<sup>&</sup>lt;sup>31</sup> See Ainsworth Sept. 21, 2004 depo. Tr., pg. 18.

See Ainsworth Sept. 21, 2004 depo. Tr., pg. 54, 87.

<sup>&</sup>lt;sup>33</sup> See Ainsworth Sept. 21, 2004 depo. Tr., pg. 87, 117.

See Ainsworth Sept. 21, 2004 depo. Tr., pg. 54.

For which cost is recovered in the October 8 study, plus the travel component of I&M, also eliminated.

and their function is not replaced by any other

# While much of Mr. Ainsworth's testimony is verbatim from what he filed in 030851-TP<sup>37</sup> 2 A. 3 TRO docket, in his Direct Testimony, page 2, lines 13-18, Mr. Ainsworth adds the claim that his 4 testimony will disprove Supra's assertions regarding the difference in the processes involved in a 5 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<sup>38</sup>. Based upon his deposition testimony, it is 6 7 impossible for him to demonstrate Supra's assertions are incorrect. In fact, he substantiates 8 Supra's claims. 9 Mr. Ainsworth's direct testimony in this docket, originally written addressing the TRO needs<sup>39</sup>, is now an attempt to map the new and efficient procedure into a 5 year old cost study 10

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.

17

18

19

20

21

1

Q.

**HOW IS THIS IMPORTANT?** 

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?

I.e. Speed, efficiency, scalability, available NOW!

<sup>37</sup> State review of ILEC unbundled switching requirements relative to the FCC TRO order.

Including charges for all related items, including the double recovery of the cost connect charge.

2	First, despite deposition notices requesting person(s) most knowledgeable, neither of
3	BellSouth's witnesses have been able to speak with precision about the specific worktimes used
4	in the cost study.
5	Second, and more fundamental, the structure of the two processes are fundamentally
6	different. The current cost structure contemplates a single NRC for SL1 and SL2 loops
7	respectively. Mr. Ainsworth's hot cut testimony contemplate three such processes per loop
8	type – "individual, project and batch" i.e. three separate NRC rates for A.1.1 and A.1.2
9	respectively. It is undisputed that there must be a different rate for at least two of these
10	processes, i.e. individual and batch. Ignoring all FCC testimony and orders proving the need for
11	different rates, we still have the 030851-TP testimony of BellSouth's John Ruscilli:
12 13 14 15	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?
17 18 19 20 21 22 23 24 25 26 27 28 29	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)
31	Supra Exhibit # DAN-24, surebuttal testimony of John Ruscilli, pg 17, lns 4-19

Direct testimony Ainsworth, pg 3, and ln. 2.

Yes, several.

1

A.

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 3 4 to believe Mr. Ruscilli or it can choose to believe Ms. Caldwell, but it cannot choose to believe 5 both. Either way, BellSouth has yet to produce any cost study which directly addresses a UNE-P 6 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 7

9 Only a single rate exists, and that rate only addresses BellSouth's recovery for 10 performing the work to place a new loop into service. It does not address an already working 11 UNE-P line to be converted to UNE-L.

12

13

18

19

8

more, rates for NRC per loop type.

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

14 No. The FCC directed that the efficiencies of batch conversion be explicitly addressed In A. 15 the TRO proceeding. Beyond that, Bellsouth arrived at a voluntary admission that the batch hot 16 cut should be (at least) 10% lower than the A.1.1 rate, based on a cost study they have not filed 17 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<sup>42</sup>, or how Mr. Ruscilli can conclude it is **only** 10% less if the study was never

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

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.

- 1 completed<sup>43</sup>, 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<sup>44</sup>! How do we 2
- 3 know this? Mr. Ruscilli says so in his rebuttal testimony, cited hereinabove.
- 4 The import of this is huge. BellSouth's initial cost study filing for the loop NRC was
- significantly larger<sup>45</sup> than what the FPSC ultimately approved. The magnitude of this 5
- 6 difference is documented below in Table 5

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

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

- 8 The net effect is that if BellSouth had used the FPSC ordered adjustments in the mysterious /
- 9 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 10 in FPSC ordered
- adjustments, which BellSouth still opposes and refuses to use in its calculations unless ordered to 11
- 12 do so

- 13 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, 14
- 15 the BellSouth calculated NRC for the A.1.1 cost study was only \$46.50, based on the
- 16 Commission ordered adjustments and a correction made by BellSouth to the WMC input. See

<sup>43</sup> Caldwell Deposition.-

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

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

1	Caldwell Sept. 21, 2004 depo tr., at pg. 23-4. Yet, the Commission kept the rate at \$49.57, \$3.07
2	higher than what it should have been. BellSouth has quietly been over-recovering its costs by
3	this amount on every newly installed SL1 and SL2 loop since this rate was put into effect. Supra
4	suggests that this Commission correct this oversight as it pertains to the non-recurring costs of
5	installing a new SL1 loop, as BellSouth has been receiving a windfall since May 2001.
6	
7	Q. DOES THE BULK, OR ANY OTHER HOT-CUT COST STUDY TESTIFIED TO
8	BY MR. RUSCILLI EVEN EXIST?
9	A. BellSouth has had two years and three dockets to produce it in, and they have so far not
10	offered anything other than the August 16, 2000 cost study which this Commission already
11	found invalid, despite specific discovery requests to produce it. This, coupled with Ms.
12	Caldwell's deposition testimony that it was never completed, and that she would be aware of any
13	other BellSouth cost study created for regulatory filings, Supra can only conclude that to this
14	very date, BellSouth does not have a cost study which describes the UNE-P to UNE- L hotcut
15	process.
16	
17	Q. AT PAGE 9, LN 10 TO PG 10, LN 6 MR. AINSWORTH IDENTIFIES
18	BELLSOUTH'S INDIVIDUAL HOT CUT PROCESS. DOES SUPRA ACCEPT
19	THIS PROCESS?
20	A. Generally, yes. While specific worktimes have yet to be addressed by BellSouth in
21	response to Supra's discovery, or by the designated corporate witnesses deposed for this specific
22	purpose, the process itself remains a viable basis for cost recovery.
23	

## Q. DOES SUPRA STILL HAVE ISSUES WITH BELLSOUTH'S HOT-CUT

### PROCESS AS TESTIFIED TO BY MR. AINSWORTH?

3 A. Yes. They are as f	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<sup>46</sup> 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<sup>47</sup>, 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

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.

2 3		available.
4	Q.	IN A PURE ANALYSIS – WHAT IS A HOT-CUT?
5	A.	It is quite simply, exactly what BellSouth witnesses testified that it is during testimony in
6	Dock	et 03-0851TP. That is:
7 8 9 10 11 12 13 14 15 16 17 18 19 20	at pag	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.  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.  The hot cut is no less, but most importantly by BellSouth's sworn testimony, it is no more, either.
22	Q.	IS THIS AN OVERSIMPLIFICATION OF THE ACTUAL BELLSOUTH
23		PROCESS?
24	A.	In my Direct Testimony I answered this question as follows:
25 26 27 28 29		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 <sup>49</sup> are actually performed and properly costed before this commission even though the exact process was

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

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

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.

1 2 3 4 5 6 7 8 9		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 hotcut is defined by just five (5) work activity steps performed by three (3) departments.
11	Agair	n, it has become crystal clear from the deposition of Mr. Ainsworth that the hot-cut process
12	BellS	South actually uses, and is defined and described by the testimony of Mr. Ainsworth and Mr
13	Miln	er in various Dockets is not the process for which the FL-2w.xls cost study describes.
14		Neither does the hot-cut process as defined by Mr. Ainsworth address any of the 8
15	Alter	natives that he testifies to. In essence, there is no record evidence that states that Bellsouth
16	a) is s	seeking, b) is entitled to, or c) is different than the work activities already testified to by Mr.
17	Ainsv	worth. Lacking such testimony, or evidence, the rate should be based upon the process
18	testif	ied to by Mr. Ainsworth, and Bellsouth should be denied further cost recovery.
19		
20	Q.	DID BELLSOUTH EVER ACTUALLY PREPARE A HOT CUT COST STUDY?
21	A.	No, despite Mr. Ruscilli's testimony in Docket 030851-TP, according to Ms. Caldwell
22	(CIT	E Depo).
23		
24	Q.	IN YOUR DIRECT TESTIMONY YOU WERE ASKED "ACCORDING TO MR.
25		AINSWORTH'S SWORN TESTIMONY IN THE TRO SWITCHING DOCKET

i	030851-TP, WHAT PORTIONS OF THE FL-2W.XLS COST STUDY ARE NOT
2	LEGITIMATELY INCLUDED IN A HOT CUT NON-RECURRING COST? "
3	HAS ANY NEW INFORMATION BEEN PROVIDED BY BELLSOUTH WHICH
4	EITHER PROVES OR REFUTES YOUR INITIAL POSITION?
5	A. There are numerous worksteps of the
6	
7	departments. A
8	graphical comparison of these differences is seen by comparing Table 1 - Nonrecurring Labor
9	tab from the October 8, 2001 cost study A.1.1 and A.1.2 to Table 2 - Nonrecurring Labor tab
10	from the Supra Exhibit # DAN-45 Group 1 Copper UDLC Cost study cost study A.1.1 and A.1.2
11	showing the departments removed and worktimes reduced from the hot-cut cost recovery by Mr.
12	Ainsworths deposition testimony, above. This alone should prove Supra's case, however to be
13	specific and precise, the following issues which are contained within the NRC rate set for A.1.1
14	and A.1.2 elements are not contained within Mr. Ainsworth's hot cut definition <sup>53</sup> , or
15	flowchart <sup>54</sup> :
16	

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

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.

<sup>11</sup> for the A.1.2 element

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

<sup>54</sup> 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 of all
	Bellsouth loops)
	2. Explicitly eliminates certain worksteps from the remaining
	departments <sup>55</sup> .
	3. Addresses Ms. Caldwell's concern that worktimes were zeroed instead of the
	probabilities being adjusted.
	4. Addresses the new information that
	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.
	A. Ms. 0

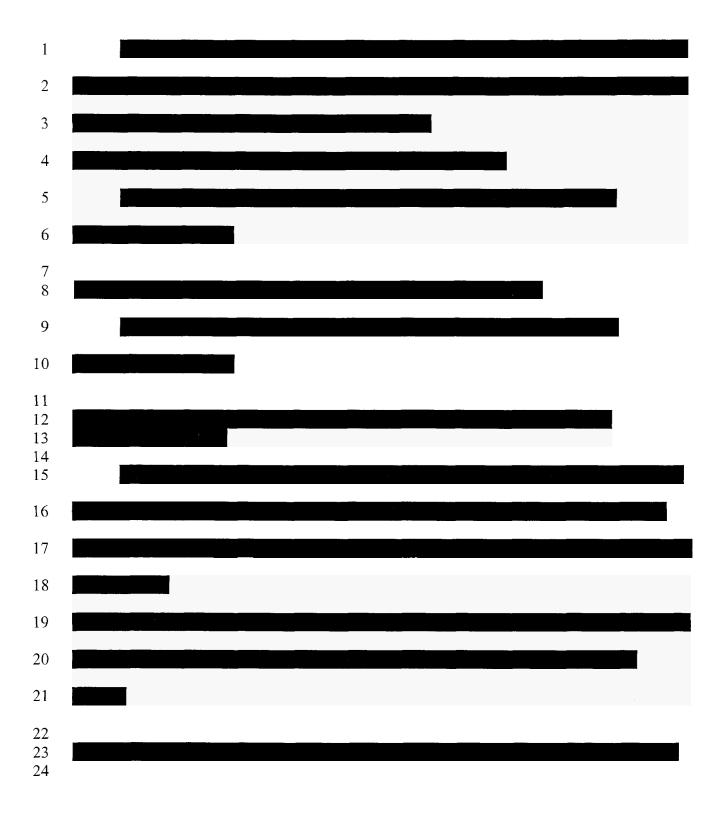
Listed in the October 8 2001 cost study.

11	based upon BellSouth testimony and discovery so that an agreement might be reached.
10	hotcuts form/to Copper/UDLC, this cost study represents Supra's best efforts to craft a cost study
9	While BellSouth may still not be ready to endorse Supra's cost study as being reflective of
8	transferred. <sup>56</sup>
7	disconnecting CLEC and the carrier to whom the line is being
6	study recovers the identical cost, for the identical activity from both the
5	9. Addresses the double recovery of cost, disconnect where the October 8 cost
4	install of the A.1.1 loop.
3	and A.1.2 loops. Supra's earlier cost study was incomplete except for the first
2	A.1.2 loops, and addresses the first and subsequent disconnect of the A.1.1.
1	8. Addresses fully the A.1.2 installation, the installation of subsequent A.1.1 and

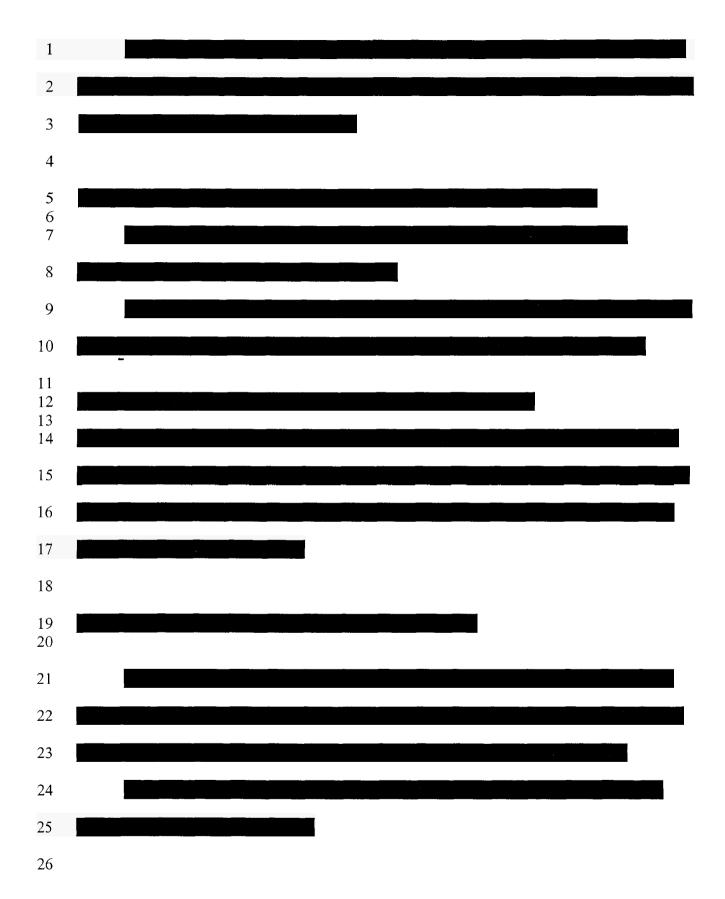
This includes Bellsouth and / or all other CLECs. Where Bellsouth recovers a cost of performing a step on installation, the disconnecting carrier cannot be charged the same cost recovery, even if the new carrier is BellSouth, who must pay its own share of installation costs and not place that burden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

I	Q.	WHAT SPECIFIC CHANGES WERE MADE TO THE BELLSOUTH COST
2		STUDY TO CREATE THE REVISED GROUP 1 COST STUDY FOR UNE-P
3		LOOPS WHICH REMAIN SERVED BY COPPER OR UDLC BEFORE AND
4		AFTER THE CONVERSION?
5		
6	IV.B.	General
7		All worktimes previously modified in Supra's earlier revision of this cost study were
8	restore	ed the he BellSouth values (unless noted below) and the probabilities were altered per Ms
9	Caldw	ell's concerns.
10		
11		
12		
13		
14		
15		
16		
17	_	
18		
19		
20		
21		

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



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



SL1, and \$8.69 / \$0.7606 for SL2.<sup>59</sup>. We have still been unable to depose anyone who can

<sup>&</sup>lt;sup>9</sup> A.1.1, \$.70 for A.1.2. See Supra Exhibit # DAN-45

- 1 testify as to the exact worktimes in the CO forces<sup>60</sup> with specificity, much less to resolve the
- 2 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
- 4 Bellsouth discovery which indicates they now seek 21/??? Minutes for this activity. Resolving
- 5 this will have a noticeable effect on the final cost ranging between an final rate of \$4.xx to
- 6 \$12.00. To date BellSouth has not provided any substantive responses to Supra's discovery
- 7 requests to document precisely what work activities the BellSouth claim of 15 min(SL1) and 20
- 8 min (SL2) consist of except a list of work activities<sup>61</sup> which contain duplicative and avoided
- 9 tasks<sup>62</sup> and a more recent list<sup>63</sup> 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.

13

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

### 14 **CONSIDER?**

- 15 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
- 17 BellSouths refusal to provide information on said activities, which were later revealed to be
- absent from Mr. Ainsworth's TRO hot cut flowchart<sup>64</sup>, or the Affidavit of Mr. Keith Milner in
- the Florida / Tennessee 271 proceeding.

See Supra Exhibit # DAN-31

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Or any other department.

But no times.

Per Deposition of Daonne Caldwell.

<sup>63</sup> Created last February at my request but never sent to Supra until last weekend.

1		As such, Supra's cost study has been compromised by the current lack of discovery from
2	BellS	outh, and a full and open cost proceeding could, should, and will arrive at a lower rate still.
3 4 5	Q.	DOES THIS FULLY ADDRESS THE ISSUE 3 COST ANALYSIS?
6	A.	No. A bulk conversion process is mandated by the FCC and quite essential when one
7	consid	ders that Supra has upwards of 20,000 UNE-P lines in some offices. BellSouth has
8	propo	sed a bulk conversion process, and even created a cost study. Once Supra has had a
9	chanc	e to review BellSouth's cost study and proposed worktimes and processes, it will be in a
10	better	position to state exactly what the appropriate costs should be for such.
11		
12		
13	Q.	WHAT DOES THAT LEAD YOU TO CONCLUDE ABOUT A BULK HOT CUT
14		RATE FOR LOOPS SERVED BY COPPER OR UDLC?
15	A.	It must be at least 10% less than the individual hot-cut cost, but again, until Bellsouth
16	shares	s the process and identifies the cost savings as requested, we cannot be more explicit.
17		
18		

1 2 3 4	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?
5		
6	Q.	AT PAGE 9, LN 10PG 10, LN 6 MR. AINSWORTH IDENTIFIES BELLSOUTHS
7		INDIVIDUAL HOT CUT PROCESS. DOES SUPRA ACCEPT THIS PROCESS
8		FOR IDLC CONVERSIONS?
9	A.	Yes. Although Mr. Ainsworth does not offer any specific changes, or versions of this
10	proce	dure to implement the "8 Methods" for IDLC conversion which he testifies about, the
11	reason	a for that may be understood by previous testimony of BellSouth witnesses in 990649.
12		
13	Q.	IN DEFINING "NON-RECURRING COST", SHOULD SUBCATEGORIES BE
14		RECOGNIZED IN DEALING WITH WHETHER THE COST SHOULD BE
15		RECOVERED AS NONRECURRING OR RECURRING?
16	A.	Yes. Task related non-recurring costs that repeat, each time an ALEC or ILEC places a
17	servic	e order are a legitimate non-recurring charge. For example, the non-recurring cost to move
18	a cros	s-connect, or change the carrier code from ILEC to ALEC in the OSS is directly related to
19	the se	rvice provisioned.
20		
21	Withi	n that category, non-recurring costs to convert a working circuit to another carrier are
22	differe	ent than placing a circuit in operation at a given address. The current structure of just one
23	non-re	ecurring rate per UNE loop is allowing the ILEC undue enrichment for activities that are
24	not pe	rformed. For example, the non-recurring cost to combine NID, Subloop distribution and

1	Subloop feeder components together into a full loop to the customer is a cost that is substant	tially
2	higher than the non-recurring cost to switch an existing, in-service loop from one carrier to	
3	another. Yet with the exception of the limited scope of order PSC-98-0810-FOF-TP <sup>65</sup> , mos	t
4	ALECs in Florida are paying charges for placing a loop in service, for the first time, whene	ver
5	they order a conversion of a working circuit.	
6		
7	The non-recurring costs of infrastructure, purchase, and construction is a cost to be shared by	y the
8	carriers using the facility, over the useful life of the facility. Beyond this point the cost mod	lel
9	needs to deal with the facility in a different fashion depending upon whether it remains in se	ervice
10	or not.	
11		
12	Q. DOES THE TESTIMONY OF BELLSOUTH WITNESS VARNER AND SPRI	NT
13	WITNESS SICHTER IN DOCKET 990649-TP SHOW ILEC AGREEMENT (	N
14	THIS ISSUE?	
15		
16	A. Yes. Sprint witness Sichter states that "To the extent that high non-recurring cha	rges
17	are a significant barrier to competitive entry, it may be appropriate to require at least a porti	on of
18	those non-recurring charges through recurring rates. This is in recognition of the FCC's	
19	continued efforts to ensure that such non-recurring rates could and might be used by an ILEC to	
20	prevent a new competitive carrier from competing with the ILEC in a given area or on a spe	cific

65 Page 55-56

1	product. Unfortunately his final conclusion on this issue ignores this statement in favor of
2	financial protection for the ILEC.
3	
4	BellSouth witness Varner then goes on to make statement that "In a competitive environment, a
5	provider's ability to predict how long an ALEC will remain on the provider's network is limited
6	"66. Sprint witness Sichter states " the incumbent LEC is financially exposed if the ALEC
7	discontinues service before the non-recurring costs are fully recovered."67 Whether it is the high
8	cost burden of current non-recurring charges that causes an ALEC to discontinue leased services,
9	or other reasons, both Sprint and BellSouth indicate that users of facilities will change over the
0	life of the facility.
11	
12	In spite of their recognition that there must not be barriers to entry in the competitive market, and
13	that the users of facilities will change over time, both ILEC witnesses go on to ask the
14	commission for financial protection from an ALEC who cancels service early!
15	
16	This limited view of reality is trying to deal with non recurring costs related to the first user,
17	rather than the life of the facility. It ignores the fact that over the useful life of the facility, the
18	ILEC itself may well be a user of the facility. It also ignores the fact that due to universal service,
19	a large portion, if not all of the listed UNEs would have to be constructed anyway. Therefore
20	when an ALEC is not leasing a specific UNE, the ILEC may still be generating revenue from it,
21	either by leasing or from Universal Service funds.

<sup>&</sup>lt;sup>66</sup> BellSouth witness Varner page 33, line 13.<sup>67</sup> Sprint witness Sichter page 26, line 3.

1	
2	The non-recurring infrastructure charges should be apportioned between the ILEC and all
3	ALECs based upon who has "ownership" of the facility in a given month. These charges should
4	be assessed throughout the amortized life of the equipment. Any attempt to charge non-recurring
5	infrastructure costs to the first user of a facility at a higher rate than subsequent users of the
6	facility violates creates an unnecessarily high barrier to entry.
7	
8	Q. HOW DOE THESE POSITIONS FROM THE GENERIC UNE DOCKET
9	IMPACT THE DECISIONS IN THIS DOCKET?
10	A. Simply put, the costs for constructing, or adding facility capability must be spread across
11	all ultimate users and not concentrated upon the first carrier who utilized the new arrangement.
12	As such the non-recurring costs for alternative 7 &8 should be recovered through a recurring
13	charge, and the nonrecurring charges for actually using the new facilities be the same fro
14	Alternative 3 a for 7&8. Similarly the NRC for Alternative 5 and 6 should be the same, with the
15	installation costs for Alternative 6 are recovered through a recurring charge, such that the NRC
16	for Alternative 5 & 6 are identical.
17	
18	Q. CAN YOU PROPOSE A TEST TO DETERMINE WHETHER A COST SHOULD
19	BE INCLUDED IN THE RECURRING CHARGE?
20	

A. Well defined, repetitive costs related to service provisioning should remain non-recurring 21

costs. However the cost of placing a loop in service should recognized as substantially different 22

from converting an existing, in-service loop from one carrier to another. The non-recurring rates 23

1	set by	this commission should reflect these very different costs. This is true whether the new
2	carrie	er is provisioning service via UNE combination <sup>68</sup> or directly from their own facilities based
3	equip	ment.
4		
5		This test addresses witness Varner and Sichters concern <sup>69</sup> that an ALEC might cancel
6	servio	ce earlier than expected. The ALEC is billed direct costs of provisioning service as a non-
7	recum	ring rate, and construction costs are assessed to all users over the life of the facility.
8		
9		Another test for whether a non recurring cost should be separate from the recurring
10	charg	e are ICB charges. Typically all ICB costs are actually infrastructure construction - they
11	vary o	depending on physical circumstances and cannot be modeled specifically. ICB charges
12	should be included in recurring rates where they get picked up by the cost model and apportioned	
13	to all users.	
14		
15		
16	Q.	ARE THERE TRULY 8 DIFFERENT METHODS?
17	A.	No. Yet there should be at least one additional method which has not been addressed on
18	this li	st.
19		First, after reflecting on the cost recovery rules stated above, there are not 8 distinct
20	methods, as 3 of the methods (Alternatives 6, 7, and 8) are simply doing infrastructure re-	
21	arrang	gement, or construction in anticipation of using the constructed facilities to actual do a

<sup>68</sup> As provided for by this commission in PSC-98-0810-FOF-TP, conclusion on pages 55-56. As testified to in 99-0649-TP.

BEFORE THE FPSC – REBUTTAL TESTIMONY OF DAVID A. NILSON ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, INC.

2	previ	iously testified to by BellSouth witnesses Varner and Sichter outlined above, it is
3	BellS	South's position that to be in compliance with FCC orders, such infrastructure construction
4	is pro	operly recovered under a recurring cost, not a non-recurring charge imposed on the "first
5	adop	ter", but spread evenly across all carriers, CLEC or ILEC, who benefit from that facility.
6	Ther	efore Alternatives 6, 7 and 8 should not be separately addressed from the root alternatives 3
7	and 6	5, but included as single groups.
8		
9	Q.	HOW CAN ONE CLASSIFY THE "8 METHODS" FOR CONVERTING IDLC
10		SERVED UNE-P TO UNE-L IN SIMPLE TERMS?
11	A.	Supra uses the following designations:
12 13 14 15 16 17 18 19 20 21 22 23 24		<ul> <li>Alternative 1 – Convert IDLC served loop to Copper (Method 1 full loop reassign Alternative 2 – NGDLC virtual Remote Terminal on existing loop.</li> <li>Alternative 3 – Convert IDLC Served loop to Copper – (Method 2 subloop reassign), or UDLC</li> <li>Alternative 4 – Utilize INA or other DCS connected IDLC system on existing loop or move to such system.</li> <li>Alternative 5 – Class 5 switch – Switch mod hairpin to sidedoor for newer Lucen switches.</li> <li>Alternative 6 – move service to a different loop so that Alternative 5 may be utilized</li> <li>Alternative 7 – Install UDLC system(s) so that Alternative 3 may be used.</li> <li>Alternative 8 – Convert IDLC to UDLC so that Alternative 3 may be used.</li> </ul>
25 26	Q.	WHAT IS THE NINTH METHOD WHICH SUPRA REQUESTED FROM
27	ų.	BELLSOUTH, BEFORE BEING GIVEN A COPY OF THE "8 METHODS"?

conversion via Alternative 5 (from Alternative 6) or Alternative 3 (from Alternative 7 or 8). As

1	A. Additionally, Supra originally suggested to BellSouth that due to the vast numbers of
2	Supra customers <sup>70</sup> , that BellSouth move <sup>71</sup> all Supra lines in a remote terminal on one or more
3	DLC(s) assigned for Supra use. After discussion on this issue, BellSouth asked if Supra was
4	willing to pay for the entire DLC system, whether fully used or not. Supra agreed, anticipating
5	that the UNE elements identified by Element A.3.x could be used.
6	(Not identified by BellSouth)
7 8 9	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.
10	However, despite providing a CLEC ordering manual for this UNE <sup>72</sup> BellSouth has
11	refused outfight to allow Supra to purchase this method of access to Subloops when it exists in a
12	remote terminal or b to have the A.3.x element connected to a BellSouth subloop. According to
13	BellSouth, the A.3.x loop concentration system cannot be used with a BellSouth provided
14	subloop (A.2.x), even though the BellSouth product manager, Jerry Latham, has told Supra it is
15	technically feasible to do so.
16	
17	Q. IS THERE A WAY TO SIMPLIFY THE COPPER UDLC AND THE NINE IDLC
18	CONVERSION METHODS SO AS TO AVOID PRODUCING 11 DIFFERENT
19	COST STUDIES FOR THIS ISSUE?

approximately  $\frac{1}{2}$  of all competitive lines statewide based upon Last March's TRO testimony

i.e. "groom".

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

1	A. Yes. Supra has combined these alternatives into groups for analysis of cost based upon
2	the work to be actually done, and ignoring construction of facilities, which by BellSouth's own
3	testimony, is properly supported under the existing structure to capture recurring costs.
4	These groups are:
5 6 7	Issue 3 Group 1 – Copper or UDLC served UNE-P loops <sup>73</sup> .
8 9 10 11 12 13	Issue 4 Group 2 – IDLC Alternative 1, 3, 7 and 8. – Move to copper or UDLC <sup>74</sup> . Group 3 – IDLC Alternative 2 – NGDLC virtual Terminal <sup>75</sup> Group 4 – IDLC Alternative 4 – INA and DCS served IDLC (similar to Group 3) <sup>76</sup> Group 5 – IDLC Alternative 5 and 6 – Switch Side door (similar to Group 3) <sup>77</sup> Group 6 – Use of the A.3.x UNES connected to A.2 subloops in a remote terminal.
15	When the alternatives are grouped in this fashion, it becomes quite simple to apportion the costs
16	for the various methods into individual rates for separate activities (such as Supra has requested
17	in this Docket), or into a more monolithic statewide rate as advocated by BellSouth. It is a
18	simple matter of allocating the methods by the factors which define the distribution of such
19	devices within the BellSouth network. By apportioning the costs based upon the statewide
20	deployment, BellSouth's interests are protected - they may achieve full cost recovery without
21	having to resort to a single monolithic NRC rate statewide. And Supra then pays only for what i
22	uses, and is not compelled to subsidize another CLEC's 78 business plan by paying for labor it
23	never enjoys. Similarly, the weighted average of the various group rates will equal the statewide
24	rate, if the latter was properly calculated in the first place.
	73 See Supra Exhibit # DAN-45

See Supra Exhibit # DAN-46 74

<sup>75</sup> See Supra Exhibit # DAN-47

<sup>76</sup> See Supra Exhibit # DAN-48

<sup>77</sup> See Supra Exhibit # DAN-49

Or BellSouth

# Q. HOW SHOULD SO MANY DIFFERENT PROCESSES, EACH WITH ITS OWN

# 3 COST, BE ADDRESSED BY THE COMMISSION IN SETTING A RATE?

- 4 A. Supra believes the rate should reflect the work actually done on its behalf as this
- 5 Commission previously ordered in PSC-01-1181-FOF-TP, and if there must be a single IDLC
- 6 conversion rate, than that rate must be weighted appropriately based upon the percentage of
- 7 loops served by a given "alternative" technology. Based upon BellSouth's response to Supra
- 8 Interrogatories #20-24 (Supra Exhibit # DAN-42) and Supra's analysis and calculations upon
- 9 that (Supra Exhibit # DAN-43) we are given the following picture of loop service methods in
- 10 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

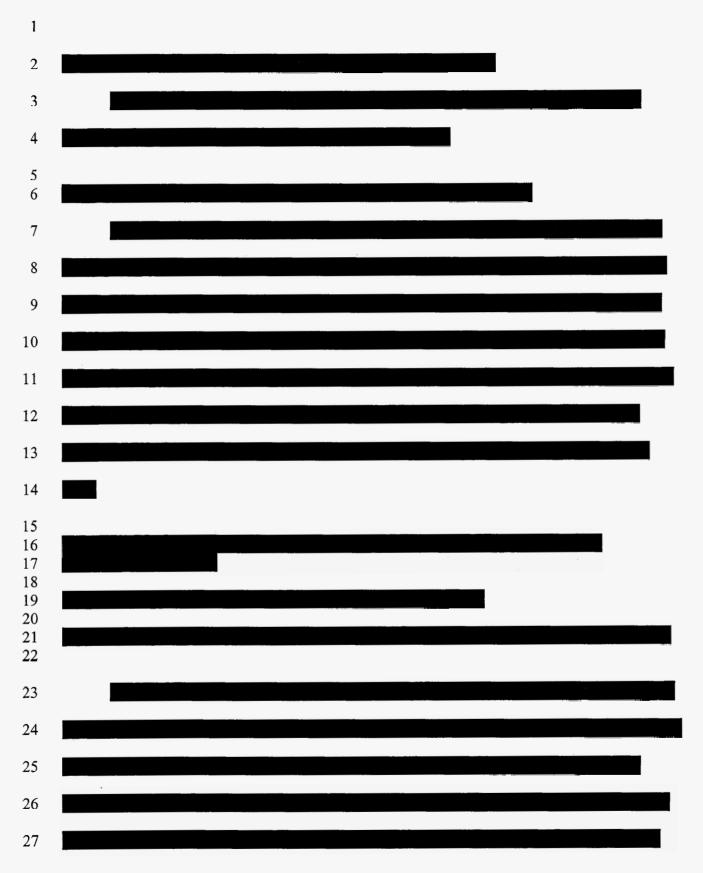
12

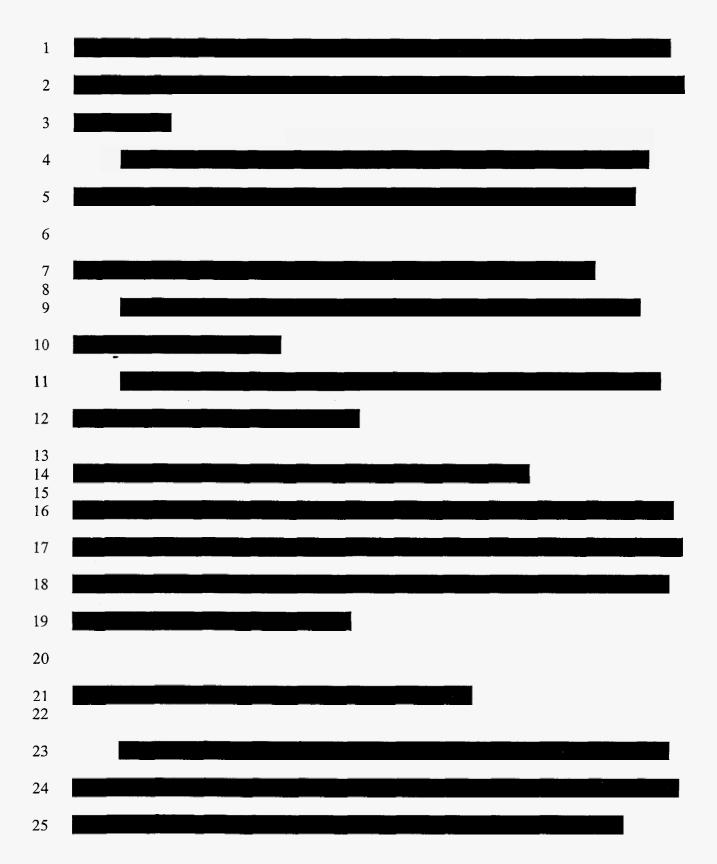
11

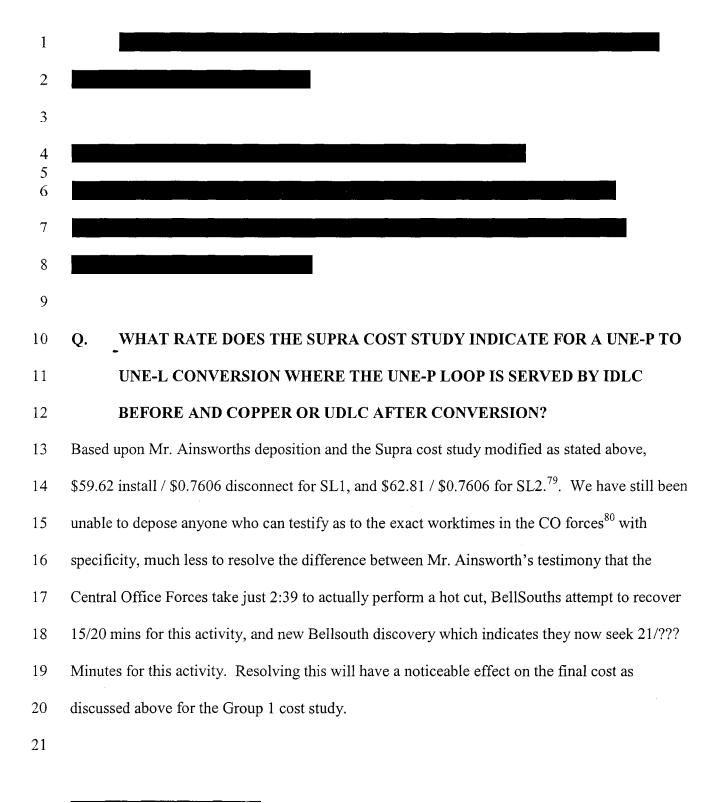
- This data shows that Supra's Copper / UDLC cost study is applicable to more than 62%
- of all loops in Florida. As Supra's study, based on Mr. Ainsworth's hot-cut process, is less than
- 15 25% the cost of the existing A.1.1 loops NRC, this becomes a significant factor in Supra's
- 16 wholesale cost.

1	Put in the opposite way, under BellSouth's proposed cost structure, it is currently over	-
2	recovering 400% of its actual costs in performing UNE-P to UNE-L conversion on over 62%	of
3	all UNE-L loops statewide.	
4		
5		
6	Q. HAS SUPRA PREPARED COST STUDIES DOCUMENTING COST GROUPS	2 –
7	6 AS WELL?	
8	A. Attached to this testimony, Supra files cost studies for Groups 2 through 5 (Supra Exh	ibit
9	# DAN-46 Confidential - Supra Group 2 Cost Study - IDLC served UNE-P to Copper UDLC	
10	UNE-L Cost Study FL-2w.xls. Dated 10/08/2004, Supra Exhibit # DAN-47 Confidential -	
11	Supra Group 3 Cost Study – NGDLC UNE-P to NGDLC Virtual Terminal UNE-L Cost Study	y
12	FL-2w.xls. Dated 10/08/2004, Supra Exhibit # DAN-48 Confidential - Supra Group 4 Cost	
13	Study – INA or other DCS served IDLC UNE-P to UNE-L Cost Study FL-2w.xls. (Similar to	)
14	Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004, Supra Exhibit # DAN-49 Confidential	I
15	Supra Group 5 Cost Study –IDLC UNE-P to Switch Side Dorr UNE-L Cost Study FL-2w.xls.	
16	(Similar to Group 3 Supra Exhibit # DAN-47) Dated 10/08/2004.	
17	Supra is not filing accost study for group 6 because correct or incorrect, this commission	on
18	ahs already ruled upon the costs for this type of service in Docket 990649-TP, and Bellsouth h	as
19	implemented this according to its 11/22/2000 - BellSouth UNE-P Loop Concentration docum	ent
20	for CLECs "Unbundled Loop Concentration CLEC Information Package", Version 1 (Supra	
21	Exhibit # DAN-51) attached. The only statement of material fact in dispute is whether BellSo	uth
22	may legally restrict the Deployment of the loop concentration UNE in central offices, and	
23	restrict its availability in remote terminals, and whether BellSouth may continue, legally, to	

1	refuse to connect BellSouth subloops to this system. Currently BellSouth position is that only
2	CLEC owned loops may be connected to this UNE, as hard as that is to believe, particularly
3	because they state it is only available within the CO.
4	However this limitation is not evident in this Commissions orders in 990649-TP, nor does
5	it make sense from a technical feasibility, or a legal standpoint. Once these two threshold issues
6	are resolved, resolved, existing costs will be used for Group 6 conversions
7	
8	Q. WHAT SPECIFIC CHANGES WERE MADE TO THE BELLSOUTH COST
9	STUDY TO CREATE THE GROUP 3 COST STUDY FOR UNE-P IDLC LOOPS
10	WHICH MUST BE CONVERTED TO COPPER OR UDLC?
11	A. Again, all worktimes were reset to Bellsouth figures unless otherwise detailed below, and
12	the adjustments affected through the probability factors.
13	
14	
15	
16	
17	
18	
19	
20	
21	
22	
12	







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

Or any other department.

#### 1 Q. IS SUPRA SEEKING A SINGLE RATE FOR ALL FORMS OF IDLC

### 2 CONVERSION BASED UPON MR. AINSWORTH'S LIMITED TESTIMONY?

- No. The reason why Supra is not "seizing this opportunity" to capitalize on BellSouth's 3 Α.
- 4 omission is quite simple; It would cost Supra money. BellSouth has not filed IDLC conversion
- 5 cost studies because if it did, it would indicate an extremely low cost as compared to a copper /
- 6 UDLC conversion. Bellsouth has deliberately not filed IDLC conversion cost studies because
- 7 BellSouth would be forced to bill CLECs less than it does today.

8

#### 9 **HOW IS THAT POSSIBLE?** O.

- 10 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 11
- 12 admitted that for Alternative 2, the NGDLC served loop, no manual process by any human being
- 13 is required to convert the loop from the BellSouth switch See Ainsworth Sept. 21, 2004 depo.
- 14 Tr., pg. 125-26. However this requires certain non-efficient, old-fashioned constraints are
- 15 removed from the process

16

#### WHAT CHANGES IS SUPRA SEEKING? 17 Q.

- BellSouth Alternative 2 and 4<sup>81</sup> convert the loop to digital form in the outside plant, and 18 A.
- carry the call all the way back to the point of interface as a DS1<sup>82</sup> level Digital signal. As a final 19

<sup>81</sup> And Supra suspects alternatives 5 and 6.

1	output step, BellS	South then crossconnect the DS1 signal to an ancient D4 channel bank system	
2	83 which:		
3	a)	Further degrades the high speed modem capability of the line	
4	b)	Creates a requirement for connect and test activities and costs which can be	
5		completely eliminated otherwise <sup>84</sup> .	
6	c)	Ignores the more efficient and forward looking method of providing the DS1	
7		level signal directly to the CLEC at a Connecting Facility Assignment	
8		("CFA") location, instead of taking it to the channel bank.	
9	d)	Is unnecessary and wasteful.	
10	Supra does not want the added cost and complexity, coupled with the signal degradation		
11	caused by bringing these "loops" to the MDF through a channel bank, when it can simply		
12	connect at the point where the DS1 is connected to the channel bank, and enjoy a digital		
13	facility interface instead. The most efficient method, the cheapest and least labor prone		
14	approach is to	present these loops at a Bellsouth CFA, to which the CLEC will have to order	
15	transport faci	lities back to its switch using co-carrier crossconnect, unbundled transport, or a	
16	CAP provider	r's transport. BellSouth offers no rational, defense or justification for its	
17	unilateral dec	ision to re-convert the loops back to two wire, and suffer all the	
18	CONNECT&	TEST handling charges instead of effecting a purely digital switch, without	
19	human interv	ention via the OSS.	

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.

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

1	Bellsouth should not be allowed to degrade the signal and increase the cost in this manner
2	and Alternative 2, 4 (and 5 and 6 if applicable) must be offered with a DS1 POI to the CLEC
3	in lieu of (or in addition to) the 2 wire output of the channel bank. The non recurring cost
4	should and shall reflect this more efficient and forward looking approach, as previously
5	ordered by this Commission in PSC-01-1181-FOF-TP.
6	
7	Q. DOES IT AUTOMATICALLY FOLLOW THAT A CONVERSION OF UNE-P TO
8	UNE-L WITH THE UNE-P LOOP SERVED BY IDLC (OR INA) WILL
9	NECESSARY HAVE TO EXCEED THE NRC FOR A LOOP SERVED BY
10	COPPER OR UDLC?
11	A. Not at all. In fact, that only comes to pass if the loop is completely reconstructed from
12	scratch; something we have already proven is an unnecessary violation of a Supreme Court order
13	against unnecessary disconnection of already connected elements. Yet it remains BellSouth's
14	predominant method of conversion today. If BellSouth is compelled to do Group 3 – INA,
15	Group 4 NGDLC, and Group 5 – Switch sidedoor conversions with the point of interface ("PI")
16	at a DS1 level, instead of degrading and unnecessarily raising the cost, the Group 3, 4, and 5 cost
17	studies show that the process is untouched by human hands, unencumbered by human labor rates
18	and worktimes and the entire conversion, up to the DS1 POI <sup>85</sup> will cost nothing more than the
19	OSS change charge of 10.2 cents. (See Supra Exhibit # DAN-47 Confidential - Supra Group 3
20	Cost Study – NGDLC UNE-P to NGDLC Virtual Terminal UNE-L Cost Study FL-2w.xls.
21	Dated 10/08/2004, Supra Exhibit # DAN-48 Confidential - Supra Group 4 Cost Study – INA or

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

1	other	DCS served IDLC UNE-P to UNE-L Cost Study FL-2w.xls. (Similar to Group 3 Supra
2	Exhib	oit # DAN-47) Dated 10/08/2004 and Supra Exhibit # DAN-49 Confidential - Supra Group
3	5 Cos	st Study -IDLC UNE-P to Switch Side Dorr UNE-L Cost Study FL-2w.xls. (Similar to
4	Grou	p 3 Supra Exhibit # DAN-47) Dated 10/08/2004)
5		On the other hand, if BellSouth is allowed to continue funneling such loops through
6	theD4	4 channel bank process it is quite likely that such loops will never be converted to UNE-L.
7	No ca	arrier can simultaneously withstand the high NRC that would result on this increasing
8	segm	ent of the loops, and keep the customer happy long enough to re-coup their investment.
9	Dial-	up Internet users, provisioned via this method on Supra's switch, have left Supra by the
10	thous	ands.
11		That is the main reason Bellsouth chooses not to do this to their own retail customers.
12		
13	Q.	SHOULD THE COMMISSION ESTABLISH A NEW RATE FOR THE UNE-P TO
14		UNE-L HOTCUT, FOR UNE-P LOOPS SERVED BY A) IDLC THAT IS INA
15		CAPABLE, B) NGDLC, OR C) SWITCH SIDE-DOOR WITH A DS1 CLEC POI
16		INSTEAD OF THE D4 CHANNEL BANK POI AT THE MDF, WHAT RATE
17		WILL THAT BE?
18	A.	The electronic OSS change charge of \$0.102, unless Bellsouth provides sufficient
19	evide	nce regarding its network limitations which might serve to raise this cost / rate.
20		
21		

# 1 Q. SHOULD THE COMMISSION ESTABLISH A NEW BLENDED RATE FOR THE

# 2 UNE-P TO UNE-L HOTCUT, FOR ALL UNE-P LOOPS SERVED BY IDLC

### 3 PRIOR TO CONVERSION WHAT RATE WILL THAT BE?

4 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

6

7

8

9

5

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).

10

- 11 Q. IN HER DIRECT TESTIMONY AT PAGE 8, LN. 21 MS. CALDWELL ASKS
- 12 THE QUESTION "ARE THERE ANY RATES ASSOCIATED WITH THE HOT-
- 13 CUT PROCESS CURRENTLY UNDER REVIEW BY THIS COMMISSION?"
- 14 WHAT SHOULD THIS COMMISSION TAKE AWAY FROM HER
- 15 **TESTIMONY?**
- 16 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

1	non-recurring cost of a UNE-L loop is simply a fabrication which BellSouth's only other
2	witness, Mr. Ainsworth does not even support.
3	In his deposition, Mr. Ainsworth clearly testified that all of the worktimes for all of the work
4	activities that are performed by the Central Office Forces dept in actually performing the
5	crossconnect are recovered by the UNE-L loop cross study. Bellsouths continued billing of the
6	\$8.22 charge for the H.1.9 cross-connect is double recovery of cost, undue enrichment to
7	Bellsouth and is a practice which must be terminated by this Commission immediately.
8	
9	Q. IS THERE ANY RELEVANCE TO THE COVAD DOCKET?
10	A. No. It is a bald attempt to justify a BellSouth billing error, the genesis of which I
11	describe above. This entire issue should be rejected by the Commission, and BellSouth should
12	be ordered to immediately stop billing this charge in connection with a UNE-L loop.
13	
14	
15	

1	VII. Exhibits – Rebuttal Te	stimony.
2	VII.A. Issues 1 and 2 - Exhil	bits
3	Supra Exhibit # DAN-36	Confidential - BellSouth's UNEP to UNEL Bulk Migration
4		Process Flow, PFUNEP2L.ppt dated 6/6/2002
5	Supra Exhibit # DAN-37	Confidential - BellSouths "Outside Plant Engineering
6		Methods and Procedures for Provisioning Network Elements"
7		document, Issue R, dated May 7, 2004 provided in response to
8		Supra's Second request for Production of Documents.
9	Supra-Exhibit # DAN-38	Confidential (?????) - Composite - Deposition
10		testimony(ies) of Daonne Caldwell
11	Supra Exhibit # DAN-39	Confidential (?????) - Partial Deposition Testimony of
12		Kenneth Ainsworth
13	VII.B. Issue 3 - Exhibits	
14	Supra Exhibit # DAN-40	Direct testimony of David A. Nilson in Docket 990649-TP,
15		filed August 1, 2000.
16	Supra Exhibit # DAN-41	Rebuttal testimony of David A. Nilson in Docket 990649-TP,
17		filed June 9, 2000.
18	Supra Exhibit # DAN-42	Bellsouth response to Supra interrogatory 20-24 regarding lines
19		in service served via various loops service methods.
20	Supra Exhibit # DAN-43	Supra modified version of Bellsouth response to Supra
21		interrogatory 20-24 (Supra Exhibit # DAN-42) with subtotals
22		calculating statewide percentage of various loops service

BEFORE THE FPSC – DIRECT TESTIMONY OF DAVID A. NILSON
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1		technologies, and making adjustment for the fact that
2		BellSouths NGDLC counts were also included in IDLC/UDLC
3		counts.
4	Supra Exhibit # DAN-44	Supra high level analysis, showing the statewide weighted cost
5		of the various Supra cost study groups, weighted by the actual
6		network deployment data provided by BellSouth. Based upon
7		Supra Exhibit # DAN-42, Supra Exhibit # DAN-43, Supra
8		Exhibit # DAN-45, Supra Exhibit # DAN-46, Supra Exhibit #
9	•	DAN-47, Supra Exhibit # DAN-48, Supra Exhibit # DAN-49)
10	Supra Exhibit # DAN-45	Confidential - Supra Group 1 Cost Study - Copper UDLC
11		UNE-P to UNE-L FL-2w.xls. Revised version of .Supra
12		Exhibit # DAN-9, Supra's A.1.1 and A.1.2 cost study for loops
13		served by Copper UDLC, includes disconnect and SL2 rates
14		not previously defined by .Supra Exhibit # DAN-9, which
15		should now be considered obsolete. Dated 10/08/2004
16	VII.C. Issue 4 - Exhibits	
17	Supra Exhibit # DAN-46	Confidential - Supra Group 2 Cost Study - IDLC served UNE-
18		P to Copper UDLC UNE-L Cost Study FL-2w.xls. Dated
19		10/08/2004
20	Supra Exhibit # DAN-47	Confidential - Supra Group 3 Cost Study – NGDLC UNE-P to
21		NGDLC Virtual Terminal UNE-L Cost Study FL-2w.xls.
22		Dated 10/08/2004

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

1	VIII. Exhibits – Direct	Testimony.
2	Supra Exhibit # DAN-1	Order PSC-01-1181-FOF-TP (Florida Public Service Commission)
3		Final Order in Florida Generic UNE Docket 990649-TP dated May
4		25, 2001. (electronic copy only)
5	Supra Exhibit # DAN-2	Order PSC-01-2051-FOF-TP (Florida Public Service Commission)
6		Order on Reconsideration in Florida Generic UNE Docket 990649-
7		TP dated October 18, 2001. (electronic copy only)
8	Supra Exhibit # DAN-3	Order PSC-02-1311-FOF-TP (Florida Public Service Commission)
9	•	Order Florida Generic UNE Docket 990649-TP dated September,
10		2002. (electronic copy only)
11	Supra Exhibit # DAN-4	Order PSC-02-0413-FOF-TP (Florida Public Service Commission)
12		Order on Arbitration of Interconnection Agreement UNE Docket
13		001305-TP dated 3/26/2002. (electronic copy only)
14	Supra Exhibit # DAN-5	\Supra - BellSouth Interconnection agreement dated July 15, 2002
15		(electronic copy only)
16	Supra Exhibit # DAN-6	Confidential (CD2) - BellSouth August 16, 2000 cost study filing
17		in Docket 990649-TP. (electronic copy only)
18	Supra Exhibit # DAN-7	Confidential (CD-3) - BellSouth October 8, 2001, Revision 1
19		Supplemental 120 Compliance filing Cost Study. (electronic copy
20		only)
21	Supra Exhibit # DAN-8	Confidential (CD4) - BellSouth cost study from the Covad
22		Arbitration, Docket 001797-TP. (electronic copy only)

BEFORE THE FPSC - DIRECT TESTIMONY OF DAVID A. NILSON ON BEHALF OF SUPRA TELECOMMUNICATIONS AND INFORMATION SYSTEMS, INC. DOCKET NO. 040301-TP Filed: September 8, 2004 Page 69

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

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

1		BKC-RAM, granting a temporary award to BellSouth of \$59.3186
2		after finding that the interconnection agreement did " specifically
3		set a rate for UNE-P to UNE-L conversions"not provide for this
4		rate, deferring judgment upon such a rate to the FCC or the FPSC.
5	Supra Exhibit # DAN-22	7/23/2003 Letter C. Savage, esq. to A. Starr (FCC) in response to
6		BellSouth's position(s) before the FCC.
7	Supra Exhibit # DAN-23	Direct Testimony of Kenneth Ainsworth filed December 4, 2003 in
8		Docket 030851-TP.
9	Supra Exhibit # DAN-24	Surebuttal Testimony of John A. Ruscilli filed January 28, 2004.
0		2003 in Docket 030851-TP.
11	Supra Exhibit # DAN-25	BellSouth Spreadsheet file (filename BellSouth Network
12		Statistics.xls) available from
13		http://www.BellSouth.com/investor/xls/ir_businessprofile_statistics.
14		xls showing 65.8% of all loop feeder routes contain fiber in the
15		entire nine state region, and 70% of homes qualify for DSL. BST
16		Technology and Deployment Statistics
17		ir_businessprofile_statistics.xls
18	Supra Exhibit # DAN-26	Excerpt from the Testimony of Kenneth Ainsworth filed December
19		4, 2003 in Docket 030851-TP at pg. 21.
20	Supra Exhibit # DAN-27	9-16-2003 BellSouth Document "Fiber Loops", author Peter Hill.
21		Presentation to the FPSC in Docket 030851-TP.

Based upon BellSouths belief that it would ultimately be receive authorization to charge that rate.

1	Supra Exhibit # DAN-28	5-5-2003 BellSouth Letter to AT&T (L. MacKenzie to D. Berger)
2		documenting IDLC penetration levels by state.
3	Supra Exhibit # DAN-29	4/18/00 Coordinated Hot Cut Process Flow (as defined by the parties
4		Interconnection agreement). Exhibit NDT-3 to Testimony in FPSC
5		Docket 001305-TP.
6	Supra Exhibit # DAN-30	8-15-2003 Supra UNE-P to UNE-L Conversion Process document.
7	Supra Exhibit # DAN-31	BellSouth Provisioning Process Flow (Coordinated cuts), Exhibit
8		KLA-1 to the testimony of Kenneth Ainsworth in FPSC Docket
9		030851-TP.

1			
2	Supra Exhibit # 1	DAN-32	3-5-2003 high level BellSouth IDLC Document identifying the 8
3			methods by which BellSouth agrees to convert IDLC served UNE-
4			lines to UNE-L
5	Supra Exhibit # l	DAN-33	3-26-03 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE
6			Loop (UNE-L) Bulk Migration - CLEC Information Package,
7			Version 1. BellSouth's process documentation to CLECs for this
8			conversion.
9	Supra Exhibit # 1	DAN-34	2-18-04 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE
10			Loop (UNE-L) Bulk Migration - CLEC Information Package,
11			Version 2. BellSouth's process documentation to CLECs for this
12			conversion.
13	Supra Exhibit # 1	DAN-35	7-26-04 BellSouth UNE-Port/Loop Combination (UNE-P) to UNE
14			Loop (UNE-L) Bulk Migration - CLEC Information Package,
15			Version 3. BellSouth's process documentation to CLECs for this
16			conversion.
17			
18	Q. Does this o	conclude	your rebuttal testimony?
19	A. Yes it does	S.	
20			
21			
22	Q. END OF 7	<b>TESTIM</b>	ONY

1	I, DAVID A. NILSON, am the Chief Technology Officer of Supra Telecommunications and
2	Information Systems Inc., and am authorized to make this Affidavit on behalf of said
3	corporation. The statements made in the foregoing comments are true of my own knowledge,
4	except as to those matters which are therein stated on information and belief, and as to those
5	matters I believe them to be true.
6	
	I declare under penalty of perjury that the foregoing is true and correct this 8th day of
8	October, 2004.
9	////-J./1/2-
10	David Nilson
11	<del>-</del>
12	STATE OF FLORIDA )
13	) SS:
14	COUNTY OF MIAMI-DADE )
15	
16	The execution of the foregoing instrument was acknowledged before me this 8th day of October,
17	2004, by David Nilson, who [X] is personally known to me or who [] produced
18	as identification and who did take an oath.
19	
20	My Commission Expires:
21	NOTARY PUBLIC
22	Notary Public - State of Florida State of Florida at Large  State of Florida at Large
23	Bonded by National Holary Asm.  Print Name: Esther Sunday
24	

2-Voice Grade Loop - SL1 and SL2 Modified by Supra Telecom - 10/08/2004 Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN - 45
Supra's Group 1 Cost Study - Copper Ul
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

### Non Recurring cost

	<u>!r</u>	stallation - 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	<u> </u>		ŀ									
Total Cost	\$7.0828	\$0.0000	\$7.0828	\$0.7147	\$0.0000	\$0.7147						
Gross Receipts Tax Factor		, >	\$1.001713		×	\$1.001713						
Cost (including Gross Receipts Tax)			\$7.0949		•	\$0.7159						
Common Cost Factor		>	\$1.0624		X	\$1.0624						
Economic Cost			\$7.5376			\$1.0624 \$0.7606						

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

		nstallation - 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		>	\$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

	Α	В	С	D	T F	F	I G I	<del> </del>	1 1	J 1 5	N k	1 5
			<del></del>			<del></del>	_ <u> </u>	L	l. J	<u> </u>	<u> </u>	<u> </u>
2 3 4 5 6 7		10/8/2004		Non Recurring Cost Development - Direct Cost								
4												i
5				FLORIDA								
17				A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE	P to UNE-	L Conversion						
8						A	A(min)	В	B(min)	IC	D=AxC	E=B*C
9			T		,	Installation						
			JFC /		NRC	Worktimes	Installation Worktimes	Disconnect Worktimes	Disconnect Worktimes	Direct Labor	Installation	Disconnect
	Line Item	7 411011011	Payband	JFC/Payband Description	Туре	(Hours)	(Minutes)	(Hours)	(Minutes)	Rate	cost	cost
11 12	3	ENGINEERING - PICS ENGINEERING - PICS	JG57 WS16	Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	First	0.0000		0.0000	0.0000	\$40.538	\$0.0000	\$0.0000
13	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First First	0.0000	0	0.0000	0.0000	\$25,854 \$34,310	\$0.0000 \$0.0000	\$0.0000 \$0.0000
14	-	ENGINEERING OAG		Reviews request and handles request for manual assistance				0.0000	0.0000	\$54.510	\$0.0000	\$0.0000
14	5	ENGINEERING - SAC	JG57	(RMA). Reviews request and handles request for manual assistance	First	0.0000	0	0.0000	0.0000	\$40.538	\$0.0000	\$0.0000
15	6	ENGINEERING - SAC	4FXX	(RMA)	First	0.0000	0	0.0000	0.0000	\$32.620	\$0.0000	\$0.0000
16 17	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
18	8 9	CONNECT & TEST - WMC CONNECT & TEST - CO	4WXX 431X	WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY	First First	0.0010 0.0850	0.06 5.1	0.0000 0.0170	0.0000	\$32.760	\$0.0328	\$0.0000
П			T	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M)	1:1151	0.0850	5.1	0.0170	1.0200	\$42.040	\$3.5734	\$0.7147
19	10	COMMENT & TEST 1814	1407	AND INSTALLATION AND MAINTENANCE (I&M) WORK								
20	11	CONNECT & TEST - I&M TRAVEL - SSI&M and I&M	410X 410X	ACTIVITIES Dispatched to crossbox	First First	0.0000	0	0.0000	0.0000	\$40.260 \$40.260	\$0.0000 \$0.0000	\$0.0000 \$0.0000
21					11 1130	1 00000	0	0.0000	0.0000	Total First	\$7.0828	\$0.0000
22				FLORIDA							VI.0020	\$ 3.7.147
23				A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE	P to UNE-L	Conversion						
22 23 24 25 26						A	A(min)	В	B(min)	IC.	ID=AxC	E=B*C
26									_,,,	1-	10	
			JFC /		NRC	Installation Worktimes	Installation	Disconnect	Disconnect	Direct Labor	Installation	Diagonal
27	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
	Line Item		Payband	Designs circuit and generates DLR and WORD document for	Type	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	cost
27 28 29	Line Item	ENGINEERING - CPG	Payband 4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Type First	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours) 0.0000	Worktimes (Minutes)	Rate \$33.640	cost \$0.0000	cost \$0.0000
28 29 30	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 W\$16	Designs circuit and generates DLR and WORD document for CLEC, and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	Type	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	\$0.0000 \$0.0000
28 29	1 2 3	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.	Type First First	Worktimes (Hours) 0.0000 0.0000	Worktimes (Minutes) 0	Worktimes (Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	\$33.640 \$40.538	\$0.0000 \$0.0000	cost \$0.0000
28 29 30	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 W\$16	Designs circuit and generates DLR and WORD document for CLEC, and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	Type First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0 0 0	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310	\$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC	Payband 4N4X JG57 WS16 4M1X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY  Planner orders plug-in when not in stock  Clerical functions in connection with handling of plug-in order  Assigns loop facilities.  Reviews request and handles request for manual assistance  (RMA).  Reviews request and handles request for manual assistance	First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - APIG ENGINEERING - SAC ENGINEERING - SAC	Payband  4N4X JG57 WS16 4M1X JG57 4FXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA).	Type First First First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34,310 \$40.538 \$32.620	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC, and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians	First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32 33 34	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC	Payband  4N4X JG57 WS16 4M1X  JG57  4FXX  4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY	Type First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.1192	Worktimes (Minutes)  0 0 0 0 0 0 7.15	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M)	First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.1192 0.0010	Worktimes (Minutes)  0 0 0 0 0 7.15 0.06	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$4,5653 \$0,0328	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I8M) WORK ACTIVITIES	First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.1192 0.0010	Worktimes (Minutes)  0 0 0 0 0 7.15 0.06	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$4,5653 \$0,0328	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
28 29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE ((SSI&M) AND INSTALLATION AND MAINTENANCE ((IMM) WORK	First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I8M) WORK ACTIVITIES	Type  First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$4,5653 \$0,0328 \$3,5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147
28 29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for	Type  First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CQ Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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-I.	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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-I.	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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	Type First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4MXX 410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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	Type  First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 7.15 0.06 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0170	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040 \$40.260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$4.5653 \$0.0328 \$3.5734 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000

	А	В	С	D	E	F	G	Н		J	K	L					
1	Florida																
2	Index Shee	t	1									!					
3	Study Perio	d: 2000-20	002														
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6	į		1								<u> </u>	 					
7				Li			i L	1			!						
8							<u> </u>				L						
9			Sheet Name:		Description:		<u> </u>	ļ									
10			Index		2-Voice Grade Lo	<del></del>					<u> </u>	:					
11	:	A	dditives_Recurring		CALCULATOR INPUT FORM - RECURRING EXPENSES DATA CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES												
12		N	Nonrecurring Labor	-t L			1 - NONRE	CURRING I	ABOR TIME	ES							
13			WP100		Nonrecurring Wo			i	:		ļ						
14			S_ENGINEERING		Detailed Labor W			<u> </u>	:		ļ						
15			CONNECT&TEST		Detailed Labor W		- 	i	 		· · · · · · · · · · · · · · · · · · ·	<u> </u>					
16			INPUTS_TRAVEL		Detailed Labor W			<u> </u>									
17			INPUTS_MISC	!	Miscellaneous Inc	outs		: 	<u> </u>			: 					
18												<del></del>					
19				<u>.</u> 1		<u>.                                      </u>		<u> </u>			i .+	· -					
20			·	<u></u>				: . <u>1-</u>			ļ						
21			1		· · · · · · · · · · · · · · · · · · ·			<u> </u>			<u></u>	<u> </u>					
22			<u></u>	1200	Version 1.0 - 12/			1	1		i						
23					Modified by Supra							!					
24			1		Concept that this							301					
25			: 		BST respons		Int. #4. No	IDLC provi	sioning shou	ld be includ	ded.	<u> </u>					
26					Version 2.0 - 10/							!					
27	:				Based upon	Deposition(	s) of Caldw	ell and 9/24	/04 Ainswor	th Depo		į					

	Α	В	C	D	E	F									
1_		<b>CALCULATOR INF</b>	PUT FORM - RECURRING EXPENSES DATA												
2															
3		Instructions:													
4		1. Use this worksh	neet to record recurring non-labor expenses to	be input into the	)										
5		Calculator calcu													
6			All amounts shown are per unit (e.g., per call, per loop, per MOU).												
7			Input data, by Cost Element, leaving no blank lines. On next row												
8			data, type END in Cost Element Column.												
9_		·	form should be cell-referenced to study works	papers.											
10		5. Do NOT change	columns, headings, sheet name.		1										
11															
12															
13															
14				Recurring	Recurring										
15			Recurring	Volume	Volume										
16		Cost	Expense Description	Sensitive	Insensitive	mar carrett Patricula interes in a carretainmen									
17	<u>State</u>	Element #	(Limited to 25 characters)	\$ Amount	\$ Amount	# may a control of the control of th									
18		A.1.1	Subscriber Line Testing	0.2642											
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638											
412		A.1.2	Subscriber Line Testing	0.2642											
609		A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638											
806															
807		END													
808															
809			Maximum 10 entries per Cost Element #												

	Α	В	С	D	E	F	G	Н	1	J	K	TL	М	T N	0
1		CALCULAT	OR INPUT FO	RM - NONRECURRING LABOR TIME	MES										+ <u>-</u> -
2												1			*****
3		Instructions											<del></del>		F
4		1. Use this v	worksheet to	record nonrecurring labor times to	be input int	to the Calculat	or calculations					1			
5		2. All amour	nts shown are	e per unit (e.g., per call, per loop, p	er MOU).				· · · · · · · · · · · · · · · · · · ·					T	
6		3. Input data	a, by Cost Ele	ment, leaving no blank lines. On i	next row		1			1.1. 16.2.	1	1			
7		after last l	ine of data, ty	pe END in Cost Element Column.			i				1	1			
8		4. All data o	n this form si	hould be cell-referenced to study v	vorkpapers.									1	
9		5. Do NOT	change colum	nns, headings, sheet name.					:						
10		6. Use colu	mns F & G wl	nen cost element has a single non	recurring co	st; use column	ns H, I, J, & K fo	r elements wi	th a first						
11		and add	itional nonrec	curring cost; use columns L, M, N	& O for elem	ents with an ir	itial and subse	quent nonrec	urring cost.						
12		7. Input Cos	st Element Lif	fe (in months) on first row of data	for each cos	t element. It is	not necessary	to repeat on	each line.						
13									:						· ·
14															
_	Study M	id-Point Date	(Mos.)	6/1/2001	1										
16					<u> </u>			: 			<u></u>				
17					i		w/ one NR)	First	First	Additional	Additional	Initial	Initial	Subsequent	Subsequent
18			Cost		<del> </del>	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect		Disconnect	Installation	Disconnect
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Time	Time	Time	Time	Time
20	State FL	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	(Hours)	<u>Hours</u>	(Hours)	Hours
22	FL.	A.1.1	43	ENGINEERING - PICS	JG57			<u> </u>	- :		-				1
23	FL	A.1.1	43	ENGINEERING - PICS	WS16						•				
24	FL	A.1.1	43	ENGINEERING - AFIG	4M1X				-	-	-			4	
24	FL	A.1.1	43	ENGINEERING - SAC	JG57										
25 26	FL	A.1.1	43	ENGINEERING - SAC	4FXX										
27	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX		<u> </u>	0.0908						+	
28	FL	A.1.1 A.1.1	43	CONNECT & TEST - WMC	4WXX			0.0010	-		-				
29	FL		43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0170				
30	FL	A.1.1 A.1.1	43	CONNECT & TEST - I&M	410X				<u> </u>		-			4	
31	FL	A.1.2	43	TRAVEL - SSI&M and I&M ENGINEERING - CPG	410X			-			-	L			
32	FL	A.1.2 A.1.2			4N4X			<u> </u>	i		-				* !
33	FL	A.1.2 A.1.2	43	ENGINEERING - PICS ENGINEERING - PICS	JG57 WS16				-		-				
34	FL	A.1.2	43	ENGINEERING - PICS ENGINEERING - AFIG	4M1X					<del>-</del>					
35	FL	A.1.2	43	ENGINEERING - AFIG ENGINEERING - SAC	JG57			<u> </u>		-					1
36	FL	A.1.2	43	ENGINEERING - SAC	4FXX									<del> </del>	
37	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			0.1192						!	1
38	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX			0.1192							
39	FL	A.1.2	43	CONNECT & TEST - CO	431X			0.0850	0.0170	0.0850	0.0242				-
40	FL	A.1.2	43	CONNECT & TEST - I&M	411X			_0.0000	0.0170	0.0850	0.0213	<del>-</del>		<del> </del>	
41	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X							<del> </del>			
42					1.17						<u> </u>			+	
43		END	<del></del>		1							<del></del>			
44					+							<del> </del>			
45			1	Maximum of 25 entries per Cost Elem	ent#									4	
-				dament of 20 chales per cost cleft	iciti #										

A	В	C	D	E	1 -	G		r	T				
1 Florida	1		, D			6	Н		J	K			
2 Nonrecurring Worktimes				÷ · · · · · · · ·					+				
3 Study Period: 2000-2002		1	÷		<del>-</del>	<u> </u>	ļ		ļ				
3 Ottoy F 61100. 2000-2002		ļ		L	-i		ļ		i				
5 A.1.1	2-Wire Analog Voice Grade Lo			4	·	i			<u> </u>				
6	2-Wire Analog Voice Grade Lo	op - Service L	evel 1	i	. <del></del>	·			i				
				: <u> </u>	<u> </u>								
	43	months	(=INPUTS N		<u> </u>			ļ					
8		<u> </u>	-		nes (Min.)	,	<u> </u>	Workti	mes (Hrs.)				
0 # FL 0		JFC/JG/		First	Addtl		!	First		Addtl			
9 Source (* FL Change)	Description	WS	First Install	Disconnect	Install	Addtl Disconnect	First Install	Disconnect	Addtl Install	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			
INPUTS_CONNECT&TEST UNEC, Rows									:				
15 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 * 140	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			
	I and the second												
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		i	10.61	1.02	5.10	1.02	0.18	0.02	0.09	0.0			
21									-				
22 Florida					i .								
23 Nonrecurring Worktimes				:					İ				
24 Study Period: 2000-2002		:				:			t				
25					-								
26 A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2												
27	A TITLE Alliancy Tolice Grade LUOP - Service Level 2												
28 Location Life	43	months	(=INPUTS_N	IISCIC9)	<del></del>	<u> </u>			<del></del>				
29	:		10.00		nes (Min.)	±		Workti	mes (Hrs.)				
		JFC/JG/	1	First	Addtl	1		First	iles (ms.)	Addtl			
30 Source (* FL Change)	Description	ws	First Install			Addtl Disconnect	First Install		Addtl Install				
31 INPUTS ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	Disconnect			
32 INPUTS ENGINEERING, Row 21*20 * N20	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	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			
35 INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	4	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		0.0000	0.0000	0.0000	0.0000			
38 INPUTS CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.06	0.00	0.00	0.00	0.1192	0.0000	0.0000	0.0000			
39 INPUTS_CONNECT&TEST, Row 44 * 144	CONNECT & TEST - CO	431X	5.10	1.02	5.10	0.00	0.0010	0.0000	0.0000	0.0000			
INPUTS_CONNECT&TEST, Rows	30111201 4 1201-00	4517	3.10	1.02	5.10	1.28	0.0850	0.0170	0.0850	0.0213			
40 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				
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			0.0000	0.0000	0.0000	0.0000			
	·		12.31	1.02	3,10	1.28	0.21	0.02	0.09	0.0			

_	<del> </del>													
Н	Α	В	C	D	E	F	G	Н		J	К		М	. N
	Florida								1					
	Detailed Labor Worktimes				1									
131	Study Period: 2000-2002													
141	The same of the sa													
5	Item/Description					Worktin	ies (Min.)							
$\Box$													:	
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG/WS	First Install	First Disconnect	Addti	Add <b>tl</b> Disconnect	Probability (Fallout)	FPSC Staff Recommend Adjustment (100% - Adj)				
ŀΫ	Reviews request and handles request for				THE PROPERTY OF THE PARTY OF TH		motern		445333	1				
	manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	46.00	0.00	45.00	0.00	0%	50%				
ŀΉ	Reviews request and handles request for	110000	ENGINEEVING : 406	3007		0,00	43.00	0.00		30%				
١.١	manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%					
1:1	manual assistance (IVMA).	HEWOIK		41700	Ull Neither II		10.00	0.00						
10	Item/Description			··· ··· · · · · · · · · · · · · · · ·	-	Worktin	nes (Min.)	1	<del> </del>	<del> </del>				
14	Renapascription				-	WOIKIII	I with	Γ			5000 01.66			
,,,	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG / WS	First Install	First Disconnect	Addti Instail	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	radigita toop radiaads.	TTCTWOTK	CHOINCERING - ALIO	411170	0.00		0.00							
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	First Install	First Disconnect	Addtl	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addtl	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%	
П	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%	D%		
17	ONET	INDIMOIR	ENGINEERING - OFG	41447	10.00		10.00		078		U/6			
F:::H							<del> </del>			<del> </del>				
19	NETWORK PLUG-IN ADMINISTRATION (PICS)	Source	Description	JG / WS	First Install	First Disconnect	Addil	Addtl Disconnect	Probability First Install	Probability First	Proba <b>bility Addt</b> install	Probability  Addtl  Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend: Adjustment (100% - Adj)
П	State-specific % of loops served	=(INPUTS MI												,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
	through DLC	SC C7)	55%											55%
۱Ħ	-				dillillilli				1888011		1.36.36.37.13.00.13.00.10.			
21	Planner orders plug-in when not in stock Clerical functions in connection with	Network	ENGINEERING - PICS	JG57	19.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	handling of plug-in order	Network	ENGINEERING - PICS	WS16	19.00	0.00	15,00	0.00	0%	0%	0%	0%	3%	
	Problem resolution of plug-in order	Network	ENGINEERING - PICS			0.00	30.00	0.00	0%	0%	0%	0%	3%	
[2]	Tropicin resolution of plug-in order	METACIN	LINOINEERING - PICS	VV310	UND STORY	0.00	30.00	0,00	076	070	U/0	U/6	3/0	

T	Α	В	С	D	E	F	G	Н	1. 1		К		M	N N	0
17	Florida				1		<del></del>				<del></del>				<del></del>
	Detailed Labor Worktimes						1				<del></del>				+
	Study Period: 2000-2002				1						<del> </del>		+		+
7					<del> </del>		<del> </del>		<del></del>		<del> </del>				+
1	Item/Description					Work	ktimes (Min.)				+				-
1	1334				<del></del>		T			A Section of the Control of the Cont	1				+
	Unbundled Network Element Center (UNEC) Work				First	First		Addtl	(SL1?7) Probability /	(SL27?7) Probability /	Not used FOR ANYTHING! Probability /				FPSC Staff Recommend Adjustment
6	Activities	Source	Description	JG/WS	Install	Disconnect	Addtl Install	Disconnect	Reuse	Reuse	Reuse	1	2W / 4W	V Multiplier	(100% - Adj)
7 F	Provisioning Variables		/								/V				
		interconn			7						1				
8	(1) Status/Info (55% of orders at 2.4 min.)	Svcs.	UNEC	4AXX	2.40	2.40	2.40	0.00	0%	4	4	1	4——	4	
		Interconn		1 1	7.44			1	, , ,			1		4	
9 (	(2) Escalations (12% of orders at 7.2 min.)	Svcs.	UNEC	4AXX	7.20	7.20	7.20	0.00	0%	4	4	4		4	4
	100 - 1	Interconn		1 1	15.50	15.00	15.50	200	001			1		1	•
10 (	(3) Assist Calls (6% of orders at 15.6 min.)	Svcs.	UNEC CONNECT & TEST -	4AXX	15.60	15.60	15.60	0.00	0%	4	<u> </u>	+	<u> </u>	<del></del>	4
/	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn Svcs.	UNEC	4AXX	1.80	1.80	1 50	0.00	0%	4	4 . /	1	4	4	
_		SVCS.	UNEC	4AAA					U%0	<del></del>	<del></del>	t	4'	<del> </del>	4
12	Total of Worktimes * Probabilities	·	1	<u> </u>	0.00	0.00	0.00	0.00	<u> </u>	1	1	<u> </u>		1	
13		ſ'	.f		Tanana I		$\Delta \Gamma$	4	A	<u> </u>	Л	4	A	<u> </u>	T
	UNEC pulls order information and assigns to work	Interconn				ATTENDED TO STATE OF THE STATE	A .	4			4	4		4	
14	groups	Svcs.	UNEC	4AXX		0.00	0.00	0.00	100%			4	1.00	4	55%
	Provisioning variables - when UNEC pulls order	Interconn			1			1				1			
	information (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	100%	4			1.00	4	
	Verifies and ensures accuracy of order design SL2	Interconn					A ,	A CONTRACTOR OF THE PARTY OF TH		A = A		1		A = A	
16 L	ONLY	Svcs.	UNEC	4AXX	3.00	0.00	3,00	0.00	0%	4	<b></b>	-	1.00	1	4
		Interconn			100		1.00	200	4447 22 27	1000	12201	1	4.00	1	
17	Creates cut sheets to verify reuse of facilities SL2 ONLY	Svcs.	UNEC	4AXX	4.00	0.00	4.00	0.00	0%	10%	100%	dummumum	1.00	ammunumum	ammuniahan
				dilling the second							dillillillilli.				
	Performs frame continuity and due date coordination	Interconn	CONNECT & TEST -		1 200		6.50		1234	3003	All Hillian Halling	amministissis,		All Hillian	Allingminnin
	and testing SL2 ONLY	Svcs	UNEC	4AXX		0.00	\$2.60	0.00	0%	A = -	1	1	1.00	1.50	
1,2	And resting and ONLY	Interconn			-ansangeni	0.00	ullus Remilling	1-0.00	0.76	<del> </del>	+		1.00	1.50	4
20 1	Provisioning variables - testing (Row 12) SL2 ONLY	Svcs.	UNEC UNEC	4AXX	0.00	0.00	0.00	0.00	0%	A .		1	1.00	1.50	
	Performs manual order coordination (remote call	3,00	01420	4777	0.00	0.00	0.50	0.00	0,6	1	<del>                                     </del>	f	1.00	1.50	4
	forward, disconnect and unbundled loop order) when	Interconn	CONNECT & TEST -		1			1		4		1		4	
	service is converted on existing facilities SL2 ONLY	Svcs.	UNEC	4AXX	20.00	0.00	20.00	0.00	0%	10%	100%	1	1.00	A = -	
		Interconn				American Services					195		-		
22 1	UNEC contacts customer and completes order	Svcs	UNEC	4AXX	0.00	0.00	0.00	0.00	0%	4		1	1.00	4	
	Provisioning Variables - when UNEC contacts customer	Interconn			1500000		4				<b>—</b>				
	and completes order (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	0%			1	1.00		

	В	С	D	l E		I 6	н	1	_					
Item/Description			<u> </u>		Work	times (Min.)		<del> </del>	1	К	L L	М	N	0
SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG	IMJG/ WS	First Install	First Disconnect	Addil install	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate SL1	Propability, Dispatch Rate	2W / 4W	/ Multiplier	FPSC Staff Recommend Adjustment (100% - Adj)
State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS- MISCIC7	55%												(133 % , A3))
Processes requests	Network	CONNECT & TEST - I&M CONNECT & TEST -	411X	410X	20.00	₽.00	0.00	0.00	0%	38%	6%	1.00		65%
Places/removes plug-in at remote terminal	Network Network	CONNECT & TEST - I&M	411X 411X	410X 410X	19:00 16:00	9.00	19,00 16,00	0.00 0.00	0%	38% 38%	0% 0%	1.00	1.50	
Checks continuity and diel tone Trouble resolution at crossbox	Network Network	I&M CONNECT & TEST - I&M	411X 411X	410X 410X	19.00 46.00	0.00	15:00 45:00	0.00 0.00	0% 0%	38% 38%	0% 0%	1.00	1.50	
Tests from NID & Tagging loop	Network	1&M	411X	410X	23.00	0.00	29.00	0.00	0%	38%	696	1.00	1.50	
Trouble resolution at premises SL1 ONLY???	Network	I&M CONNECT & TEST -	411X	410X	56.00	0.00	6 <b>6</b> ,00	0.00	0%	38%	0%	1.00	1.50	
Completes order	Network	I&M	411X	410X	1900	0.00	0.00	0.00	0%	38%	0%	1.00		
Item/Description					Workt	imes (Min.)					T			
WORK MANAGEMENT CENTER (WMC)  WMC coordinates dispatched technicians	Source Network	Description CONNECT & TEST - WMC	JG / WS	First Install	First Disconnect	Addti Instali	Addtl Disconnect	WFA-D1 Probability						
				2.00		0.50	0.00	2.0						
Item/Description					Workt	imes (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)					
CO Field wires circuit at collocation site. SL2 ONLY	Network	CO	431X	7.50	1.50	7 :0	1.50	85%	80%					
CO Field wires circuit at collocation site. SL1 ONLY	Network	CONNECT & TEST - CO	431X	7.50	1.50	70	1:50	85%	0070					
	MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  State-specific % of loops served through DLC (applies to plug-in work activity)  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 & Tagging loop  Trouble resolution at premises SL1 ONLY???  Completes order  Item/Description  WORK MANAGEMENT CENTER (WMC)  NMC coordinates dispatched technicians  Item/Description	MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  State-specific % of loops served through DLC (applies to plug-in work activity)  Processes requests  Processes requests  Places/removes plug-in at remote terminal  Places/removes cross-connect at crossbox  Network  Checks continuity and diel tone  Trouble resolution at crossbox  Network  Tests from NID & Tagging loop  Network  Touble resolution at premises SL1 ONLY???  Network  Item/Description  WORK MANAGEMENT CENTER (WMC)  Network  Item/Description  CENTRAL OFFICE FORCES (CO)  Source  CO Field wires circuit at collocation site. SL2 ONLY  Network	MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Source  Description  State-specific % of loops served through DLC (applies to plug-in work activity)  MISCICT 55%  CONNECT & TEST-I&M (CONNECT & TEST-	MAINTENANCE (ISM) AND INSTALLATION AND MAINTENANCE (IBM) WORK ACTIVITIES  State-specific % of loops served through DLC (applies to plug-in work activity)  Processes requests  Processes requests  Places/removes plug-in at remote terminal Places/removes cross-connect at crossbox  Connect & Test - IBM (A11X)  Places/removes cross-connect at crossbox  Connect & Test - IBM (A11X)  Connect & Test	MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  State-specific % of loops served through DLC (applies to plug-in work activity)  Processes requests  Processes requests  Places/removes plug-in at remote terminal Places/removes cross-connect at crossbox  Checks continuity and diel tone  Trouble resolution at crossbox  Tests from NID & Tagging loop  Trouble resolution at premises SL1 ONLY???  Network  Network  MISCIC7  S5%  CONNECT & TEST - I.&M 411X 410X  CONNECT & TEST - I.&M 411X  CONNECT & TEST - I.&M	MAINTENANCE (SISM) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Source  Description  SSIM JG MS First Install  State-specific % of loops served through DLC (applies to plug-in work activity)  Processes requests  Network  CONNECT & TEST - (I&M) WORK ACTIVITIES  Network  CONNECT & TEST - (IAM) WORK ACTIVITIES  Processes requests  Network  CONNECT & TEST - (IAM) WORK ACTIVITIES  Network  CONNECT & TEST - (IAM) WORK ACTIVITIES  Processes requests  Network  CONNECT & TEST - (IAM) WORK ACTIVITIES  Network  CONNECT & TEST - (IAM) WORK ACTIVITIES  CONNECT &	MAINTENANCE (ISIM) AND INSTALLATION AND MAINTENANCE (IRM) WORK ACTIVITIES  Source  Processes requests  Network Places/removes plug-in at remote terminal Places/removes cross-connect at crossbox  Network Connect & Test - IRM 411X 410X 2000 0.00  Places/removes cross-connect at crossbox  Network Connect & Test - IRM 411X 410X 2000 0.00  Connect & Test - IRM 411X 410	MAINTENANCE (SISM) AND INSTALLATION AND MAINTENANCE (RAM) WORK ACTIVITIES  Source Description  Source Description  SISM JG WS First Install Disconnect Addit Install Discon	MAINTENANCE (ISBM) AND INSTALLATION AND MAINTENANCE (ISBM) WORK ACTIVITIES	MAINTENANCE (SISM) AND INSTALLATION AND INSTALLATION AND MAINTENANCE (SISM) AND INSTALLATION	MAINTENANCE (ISSIM) AND INSTALLATION & PROBABILITY	## Additional Processes in the Processes	## Processor requests   Network   Ne	## PROPRIETY   Programmer   Pro

	A	В	С	D	E	F	G	Н	ı	J	K
1	Florida										
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002										
4							1			<u> </u>	
5	Item/Description		<u> </u>	·		Workt	imes (Min.)				
	SPECIAL SERVICES INSTALLATION										ļ
ļ .	& MAINTENANCE (SSI&M) AND			Ì							
1	INSTALLATION AND			[							SL2
1	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addtl	Addti	SL1 Probability	Probability
6	ACTIVITIES	Source	Description	/WS	WS	Install	Disconnect	Install	Disconnect	(Dispatch)	(Dispatch)
			TRAVEL -				-				
1			SSI&M and								
7	Dispatched to crossbox	Network	I&M	411X	410X	20.00	20.00	0.00	0.00	0%	0%

	A	В		С	D
	Florida				
	Miscellaneous Inputs		: :	/	
	Study Period: 2000-2002		i		
4			-		
5					
6	Input Description	Source	<u>A</u>	mount	
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.xis	\$	0.1638	

Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN - 46
Supra's Group 2 Cost Study - IDLC served
UNE-P to Copper UDLC 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

	l	nstallation - First		Disconne	ect - 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 Gross Receipts Tax Factor	\$57.0901	\$0.0000	\$57.0901 X \$1.001713	\$0.7147	\$0.0000	\$0.7147 ( \$1.001713
Cost (including Gross Receipts Tax) Common Cost Factor Economic Cost		,	\$57.1879 \$1.0624 \$60.7565		>	\$0.7159 \$1.0624 \$0.7606

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

	<u>l</u>	nstallation - First		Discon	nect - 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 Gross Receipts Tax Factor	\$60.0751	\$0.0000	\$60.0751 ( \$1.001713	\$0.7147	\$0.0000	\$0.7147 ( \$1.001713
Cost (including Gross Receipts Tax) Common Cost Factor Economic Cost		·	\$60.1780 \$1,0624 \$63.9331		· >	\$0.7159 \$1.0624 \$0.7606

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

	A	В В	С	D D		E - 1	G H			,		
							<u> </u>			1 <u> </u>	N C	Р
2 3 4 5 6 7 8		10/8/2004		Non Recurring Cost Development - Direct Cost								
4												1
5				FLORIDA								- 1
8				A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE	-P to UNE	-L Conversion						1
8						<u> </u>	A/min)		P(min)	16		
9						A	A(min)	В	B(min)	C	D=AxC	E=8*C
$\Box$			JFC/			Installation	Installation	Disconnect	Disconnect	T		
10	Line Item	Function	Payband	JFC/Payband Description	NRC Type	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Direct Labor Rate	Installation cost	Disconnect
11	2	ENGINEERING - PICS	JG57	Planner orders plug-in when not in stock	First	0.0000571846		0.0000	0.0000	\$40.538	\$0.0023	\$0,0000
12	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	\$0.0023	\$0.0000
13	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0200	1.2	0.0000	0.0000	\$34.310	\$0.6862	\$0.0000
14	5	ENGINEERING - SAC	JG57	Reviews request and handles request for manual assistance (RMA).	Fi.m.t	0.0440		0.0000	0.0000			
17		ENGINEERING - SAC	JG57.	Reviews request and handles request for manual assistance	First	0.0113	0.675	0.0000	0.0000	\$40.538	\$0.4561	\$0.0000
15	6	ENGINEERING - SAC	4FXX	(RMA).	First	0.0038	0.225	0.0000	0.0000	\$32,620	\$0.1223	\$0.0000
16		CONNECT & TEST - UNEC		Unbundled Network Element Center (UNEC) Work Activities	First	0.0908	5.445	0.0000	0.0000	\$38.310	\$3.4766	\$0.0000
17 18		CONNECT & TEST - WMC		WMC coordinates dispatched technicians	First	0.0333	2	0.0000	0,0000	\$32,760	\$1.0920	\$0.0000
10	9	CONNECT & TEST - CO	431X	CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M	First	0.0850	5.1	0.0170	1.0200	\$42.040	\$3.5734	\$0.7147
				AND INSTALLATION AND MAINTENANCE (I&M) WORK		1				i		
19			410X	ACTIVITIES	First	0.8510	51.0575	0.0000	0.0000	\$40.260	\$34.2596	\$0.0000
20	11	TRAVEL - SSI&M and I&M	410X	Dispatched to crossbox	First	0.3333	20	0.0000	0.0000		\$13.4200	\$0.0000
21				FLORIDA						Total First	\$57.0901	\$0.7147
23				A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UNE		d Conversion						}
24				The state of the s	- 10 ONE	-E CONVERSION						1
22 23 24 25 26						A	A(min)	В	B(min)	C	D=AxC	E=B*C
26												
						Installation	Installation	Disconnect	Disconnect			
			JFC/		NRC	Installation Worktimes	Installation Worktimes	Disconnect Worktimes	Disconnect Worktimes	Direct Labor	Installation	Disconnect
27	Line item	Function	JFC / Payband	JFC/Payband Description	NRC Type					Direct Labor Rate	Installation cost	Disconnect cost
	Line item		Payband	Designs circuit and generates DLR and WORD document for	Type	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	cost
28	1	ENGINEERING - CPG	Payband 4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Type First	Worktimes (Hours) 0.0413	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate \$33.640	cost \$1.3877	\$0.0000
28 29 30	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband	Designs circuit and generates DLR and WORD document for	Type	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	\$33.640 \$40.538	\$1.3877 \$0.0023	\$0,0000 \$0,0000
28 29	1 2 3	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.	Type First First	Worktimes (Hours) 0.0413 0.0001	Worktimes (Minutes) 2.475 0.003431078	(Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	Rate \$33.640	cost \$1.3877	\$0.0000
28 29 30 31	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG	Payband 4N4X JG57 WS16 4M1X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance	First First First First	Worktimes (Hours) 0.0413 0.0001 0.0001 0.0200	2.475 0.003431078 0.003774186	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310	\$1.3877 \$0.0023 \$0.0016 \$0.6862	\$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).	Type First First	Worktimes (Hours) 0.0413 0.0001 0.0001	Worktimes (Minutes) 2.475 0.003431078 0.003774186	0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854	\$1.3877 \$0.0023 \$0.0016	\$0,0000 \$0,0000 \$0,0000
28 29 30 31 32	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC	Payband  4N4X JG57 WS16 4M1X JG57 4FXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA).	Type First First First First First First	Worktimes (Hours) 0.0413 0.0001 0.0001 0.0200	2.475 0.003431078 0.003774186	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$1.3877 \$0.0023 \$0.0016 \$0.6862	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30 31 32 33	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities	Type First First First First First First First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687	2.475 0.003431078 0.003774186 1.2 0.675 0.225	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616	\$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians	First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333	2.475 0.003431078 0.003774186 1.2 0.675 0.225 10.12	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30 31 32 33	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY	Type First First First First First First First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687	2.475 0.003431078 0.003774186 1.2 0.675 0.225	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians	First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333	2.475 0.003431078 0.003774186 1.2 0.675 0.225 10.12	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type  First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147
28 29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK	Type  First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774186 1.2 0.675 0.225 10.12 2 5.1	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type  First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147
28 29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox	Type  First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type  First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 In Florida Docket 990849-P Inputs to this sheet come from the FL-2W study modified by Supra	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990849-P Inputs to this sheet come from the FL-2W study modified by Supra Tellecommunications and information Systems to reflect costs	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 900849-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	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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 Belisouths October 8, 2001	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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.	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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 Belisouths October 8, 2001	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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 Belisouths October 8, 2001	Type First	0.0413 0.0001 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0850	2.475 0.003431078 0.003774188 1.2 0.675 0.225 10.12 2 5.1	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000
28 29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox  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 Belisouths October 8, 2001	Type First	Worktimes (Hours)  0.0413 0.0001 0.0001 0.0200 0.0113 0.0038 0.1687 0.0333 0.0860 0.8510 0.3333	Worktimes (Minutes)  2.475 0.003431078 0.003774186 1.2 0.675 0.225 10.12 2 5.1 51.0675	0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000 0,0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 1.0200	\$33.640 \$40.538 \$26.864 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$1.3877 \$0.0023 \$0.0016 \$0.6862 \$0.4561 \$0.1223 \$6.4616 \$1.0920 \$3.5734	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,7147 \$0,0000 \$0,0000

	Α	В	С	D	E	F	G	Н	1	J	К	L
1	Florida											
2	Index Shee	t										
3	Study Perio	d: 2000-20	002						,			
4							The state of the s					
5												
6												
7												
8												
9			Sheet Name:		Description:	_						
10			Index		2-Voice Grade Lo							
11		Ad	dditives_Recurring		CALCULATOR IN	PUT FORM	1 - RECUR	RING EXP	ENSES DA	TA		
-12		N	Ionrecurring Labor		CALCULATOR IN	MES						
13			WP100		Nonrecurring Wor							
14			S_ENGINEERING		Detailed Labor Wo	orktimes						
15			CONNECT&TEST		Detailed Labor Wo							
16			INPUTS_TRAVEL		Detailed Labor We							
17			INPUTS_MISC		Miscellaneous Inp	uts						
18				L		•						
19												
20												
21												
22					Version 1.0 - 12/2							
23					Modified by Supra							
24				Concept that this study ONLY considers copper / UDLC UNE-L loops confiremed 04-0301  BST response to Supra Int. #4. No IDLC provisioning should be included.								
25							Int. #4. No	IDLC prov	isioning sh	ould be incl	uded.	
26					Version 2.0 - 10/0							
27					Based upon	Deposition(	s) of Caldw	vell and 9/2	4/04 Ainsw	orth Depo		

T	A	В	С	D	E	F
1		CALCULATOR INP	UT FORM - RECURRING EXPENSES DATA			
2						
3		Instructions:				
4		1. Use this worksho	eet to record recurring non-labor expenses to	be input into the	)	
5		Calculator calcula	ations.			
6			wn are per unit (e.g., per call, per loop, per M			
7		3. Input data, by Co	ost Element, leaving no blank lines. On next	row		
8		after last line of d	ata, type END in Cost Element Column.			
9			orm should be cell-referenced to study work	papers.		
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	<u>State</u>	Element #	(Limited to 25 characters)	\$ Amount	\$ Amount	
18		A.1.1	Subscriber Line Testing	0.2642		
215	FL	A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412		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 #			

$\Box$	A	В	С	D	ΤĒ	F	Ğ	Н			К				
1		CALCULAT	OR INPUT F	ORM - NONRECURRING LABOR TIM	IES				<u>`</u>			L	M	N	<u> </u>
2		1			<u> </u>										<del> </del>
3		Instructions	:												
4		1. Use this v	vorksheet to	record nonrecurring labor times to	be input in	to the Calculat	or calculations								
5		2. All amour	ts shown at	re per unit (e.g., per call, per loop, per	er MOU)	to the Galebiat	OI CHICUIATIONS	<u></u>						ļ. —	
6				ement, leaving no blank lines. On n										·	
7				type END in Cost Element Column.	T										ļ
8		4. All data o	n this form	should be cell-referenced to study w	orknapers										<del> </del>
9		5. Do NOT	hange colu	mns, headings, sheet name.	украрств.										+
10		6. Use colu	mns F & G v	when cost element has a single nonr	ecurring co	et: use colum	SHII & K fe	r elemente w	ith a first						
11		and addi	tional nonre	curring cost; use columns L, M, N &	O for elen	ents with an in	itial and subse	guent nonroc	urring cost						<u> </u>
12		7 Input Cos	t Flement I	ife (in months) on first row of data f	or each con	t element It is	not nocessan	to reneat on	anning Cost.						ļ
13		7. mpat oo	or Liement L	(III III OI III OI OI GALE I	or each co.	st element. It s	not necessary	to repeat on	each mie.						
14					†										<b></b>
	Study M	id-Point Date	(Mos )	6/1/2001	t						<del></del>				
16	olday iii	la-i onic Date	(11103.)	G 17200 1	+										ļ
17					<del> </del>	/For use	v/ one NR)	First	First	Additional	A 4-1/21 4		1 10 1		
18			Cost			Installation	Disconnect	Installation		Installation	Additional	Initial	Initial	Subsequent	
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Disconnect Time	Installation	Disconnect	Installation	Disconnect
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)	Hours	Time	Time	Time	Time
21	FL	A.1.1	43	ENGINEERING - PICS	JG57	Hiouisi	Hours	0.0001	nours	0.0001	Hours	(Hours)	Hours	(Hours)	Hours
22	FL	A.1.1	43	ENGINEERING - PICS	WS16			0.0001		0.0001	<u>-</u>				ļ
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X			0.0200		0.0200					
24	FL	A.1.1	43	ENGINEERING - SAC	JG57			0.0113	<u>-</u>	0.0200					ļ
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX		ļ	0.0038		0.0113	-				<del></del>
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			0.0908			-				<del></del>
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	0.0470				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			0.8510			0.0170				
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X			0.3333	-	0.4285					<del></del>
31	FL	A.1.2	43	ENGINEERING - CPG	4N4X	<del></del>		0.0413		0.0005					<u> </u>
32	FL	A.1.2	43	ENGINEERING - PICS	JG57			0.0001		0.0225					ļ
33	FL	A.1.2	43	ENGINEERING - PICS	WS16			0.0001	-	0.0001			·		
34	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			0.0200	<u> </u>						
35	FL	A.1.2	43	ENGINEERING - ANG	JG57			0.0200	-	0.0200	<u> </u>				<del></del>
36	FL	A.1.2	43	ENGINEERING - SAC	4FXX			0.0113		0.0113					
37	FL	A.1.2	43	CONNECT & TEST - UNEC	4FXX 4AXX					0.0038	<u> </u>				
38	FL	A.1.2	43	CONNECT & TEST - UNEC	4WXX			0.1687	-	0.0495					
39	FL	A.1.2 A.1.2	43	CONNECT & TEST - CO	431X			0.0333		-					
40	FL	A.1.2	43	CONNECT & TEST - I&M	431X 411X	<del></del>		0.0850	0.0170	0.0850	0.0213				
41	FL	A.1.2 A.1.2	43	TRAVEL - SSI&M and I&M	411X 411X			0.8510		0.4285	<u> </u>		:		
41	-FL	A.1.2	43	TRAVEL - SSIGN and IGM	4117			0.3333							
43		END													
44		END													
45				Maximum of 05 anti-s ass 0 - 151											
45		<u> </u>		Maximum of 25 entries per Cost Elem	ent#			L							

_	A										
$\vdash$	Florida	B	С	. D	E	F	G	Н		J	К
	Nonrecurring Worktimes										
1	Study Period: 2000-2002		L								
H				L							
_		2-Wire Analog Voice Grade Lo	op - Service L	evel 1							
6											
	Location Life	43	months	(=INPUTS_N	(ISC!C9)						
LE					Worktim				Workti	nes (Hrs.)	
1.			JFC/JG/	!	First	Addtl	ĺ		First		Addtl
_ 9		Description	ws	First Install	Disconnect	Install	Addtl Disconnect	First Install	Disconnect	Addtl Install	Disconnect
1		ENGINEERING - CPG	4N4X	0	0	0	0	0	0	0	0
	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
1	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
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	1.20	0.00	1.20	0.00	0.0200	0.0000	0.0200	0.0000
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.68	0.00	0.68	0.00	0.0113	0.0000	0.0113	0.0000
1	INPUTS_ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.23	0.00	0,23	0.00	0.0038	0.0000	0.0038	0.0000
	INPUTS_CONNECT&TEST UNEC, Rows										0.0000
	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
	INPUTS_CONNECT&TEST WMC, Row 40 * 140	CONNECT & TEST - WMC	4WXX	2.00	0.00	0.00	0.00	0.0333	0.0000	0.0000	0.0000
11	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
Г				N. 777		7000 700			0.0110	0.0000	0.0170
11	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
2	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
2	SubTotal			85.71	1.02				0.02		
2								1.75	0.02	0.55	0.02
2	Florida							<del></del>			
	Nonrecurring Worktimes					<u> </u>		-	·		
	Study Period: 2000-2002		<del> </del>								
2							<del>                                     </del>				
		2-Wire Analog Voice Grade Lo	on - Service I	aval 2	·		<del> </del>				
2		2 Trite Amazeg Toroc Grade 20	Op - Delvice L	VEIZ			<del> </del>				
	Location Life	12	months	(=INPUTS_N	4100100	<del></del>					
3		43	months	(-INPUIS N	Worktim	(0.51	L				
-	<u> </u>		JFC/JG/		First		Т			mes (Hrs.)	
3	Source (* FL Change)	Description	WS	First Install		Addtl			First		Addtl
	INPUTS ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X				Addtl Disconnect			Addti Install	
	INPUTS ENGINEERING, Rows 15+16 M15	ENGINEERING - CPG ENGINEERING - PICS	JG57	2.48 0.00	0.00	1.35	0.00	0.0413	0.0000	0.0225	0.0000
	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
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - PICS  ENGINEERING - AFIG	4M1X	1.20	0.00	0.00	0.00	0.0001	0.0000	0.0001	0.0000
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - APIG	JG57	0.68	0.00	1.20	0.00	0.0200	0.0000	0.0200	0.0000
	INPUTS ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX		0.00	0.68	0.00	0.0113	0.0000	0.0113	0.0000
	INPUTS CONNECT&TEST, Rows 14-23 * N14	CONNECT & TEST - UNEC	4AXX	0.23 10.12	0.00	0.23	0.00	0.0038	0.0000	0.0038	0.0000
	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - UNEC	4WXX		0.00	2.97	0.00	0.1687	0.0000	0.0495	0.0000
1	INPUTS CONNECT&TEST, Row 40 * 144	CONNECT & TEST - CO		2.00	0.00	0.00	0.00	0.0333	0.0000	0.0000	0.0000
1	INPUTS_CONNECT&TEST, ROW 44 144	CONNECT & TEST - CO	431X		1.02%	5.10	1.28	0.0850	0.0170	0.0850	0.0213
1.	29+30+31+32+33+34+36 * N29	CONNECT & TEST 1911	444	teraper.							
14	INPUTS TRAVEL, Row 7	CONNECT & TEST - I&M	411X	G-51.06 =	0.00	25.71	0.00	0.8510	0.0000	0.4285	0.0000
_		TRAVEL - SSI&M and I&M	411X	20.00	0.00	0.00	0.00	0.3333	0.0000	0.0000	0.0000
4:	SubTotal	L	L	92.86	1.02	37.23	1.28	1.55	0.02	0.62	0.02

	Α	В	C	D	E	F	G	н		ī J	K	- i	м	N
	Florida										· · · · · · · · · · · · · · · · · · ·			<del></del>
	Detailed Labor Worktimes													
3 5	Study Period: 2000-2002													
4										<del> </del>				
5	Item/Description					Worktin	es (Min.)		}					
									· · · · · · ·	FPSC Staff				
- 1		į			ļ		, ,			Recommend		ì		
ı	1				First	First	Addti	Addtl	Probability	Adjustment (100%				
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	Install	Disconnect	Install	Disconnect				i	3	
-  -	Reviews request and handles request for	- 000.00	Description	00.110	THINING THE	Disconnect	111111111111111111111111111111111111111	Disconnect	(Fallout)	- AdJ)				
7 1	nanual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	<b></b>	500/				
	Reviews request and handles request for	THOUSEN	LITORICE WING TO ACT.	3007		0.00		0,00	3%	50%				
	nanual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15 00	0.00	10.00	0.00						
9	The state of the s	THOMPOIN	LINGINGE MAG.	41,701	munici	- 0.00	CITAL MAN	0.00	3%	<b></b>				
10	Item/Description				<del></del> -	Worktin	es (Min.)			<del> </del>	L			
<del>"</del>	nem/becompiler					TTOIRU	les (IVIIII.)							
- 1			1				1	1			FPSC Staff			
- 1									Probability		Recommend			
- 1	ADDRESS AND FACILITY INVENTORY	ļ			First	First	Addtl	Addtl	(Fallout) -	Probability	Adjustment	1	1	
11	(AFIG)	Source	Description	JG/WS	Install	Disconnect	Install	Disconnect	Install	(Fallout) - Disc.	(100% - Adi)			
12 /	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	30%	0%	50%			
13														
П										<del> </del>				
- 1	İ				ļ	ļ	ŀ				, i	1	FPSC Staff	
- 1		}				ļ			İ			Probability	Recommend	
- 1			İ		First	First	Addtl	Addtl	Probability	Probability First	Probability Addti	Addtl	Adjustment	
14 6	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	Install	Disconnect	Instali	Disconnect	First Install	Disconnect				
	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	15%		Instali	Disconnect	(100% - Adj)	
	Designs circuit and generates DLR and	HOUNDIN	ENGINEZIGING - Cr G	71177	10.00		0.00	0.00	15%	0%	0%	0%	50%	
	WORD document for CLEC and Field.				1				i					
	SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	9.00	18.00	0.00	150				}	
17	022 01121	THE WORK	ENGINEER WING - OF G	4147	10.00	**************************************	₹6.00		15%	0%	15%	0%		
18					<del> </del>	<del>                                     </del>				<del></del>				
<del>" </del>					<del>                                     </del>					<del> </del>			Worktimes	
- 1		}											Occur Only on	FD00 04-11
					i									FPSC Staff
- 1	NETWORK PLUG-IN ADMINISTRATION	}			First	First	Addtl					Probability	Backorders -	Recommend
., 1	(PICS)	C	Danadati	10 (14/0				Addtl	Probability	Probability First	Probability Addtl		Backorder	Adjustment
19	State-specific % of loops served	Source =(INPUTS_MIS	Description	JG/WS	Install	Disconnect	install	Disconnect	First Install	Disconnect	Install	Disconnect	Fallout 3%	(100% - AdJ)
20 1	through DLC	C C7)	14%		annuman.	ļ			L					55%
- 1							15.00							
	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	1000	0.00		0.00	10%	0%	10%	0%	3%	
-	Clerical functions in connection with									1			370	
	handling of plug-in order	Network	ENGINEERING - PICS	WS16		0.00	15.00	0.00	9%	0%	9%	0%	3%	
		THOUSE .												
	Problem resolution of plug-in order	Network	ENGINEERING - PICS		<b>1333.001</b>	0.00		0.00	1%	0%	1%	0%	3%	

1	Florida	В	С	D	E	F	G	Н	1	J	К	L	м	N	0
	Detailed Labor Worktimes	<del> </del>			<del> </del>										
	Study Period: 2000-2002					, , , , , ,	<del></del>	<del> </del>		<del> </del>					
5									1	<del> </del>	<del> </del>				
۴	Item/Description	<del> </del>				Work	times (Min.)							<del> </del>	
6	Unbundled Network Element Center (UNEC) Work Activities	Source	Description	JG/WS	First Install	First Disconnect	Addti Instali	Addtl Disconnect	(SL1??) Probability / Reuse	(SL2???) Probability / Reuse	Not used FOR ANYTHING! Probability /				FPSC Staff Recommend Adjustment
7	Provisioning Variables						The state of the s	Disconnect	Kedse	REUSE	Reuse		2W / 4W	Multiplier	(100% - Adj)
١.	(1) Status/Info (55% of orders at 2.4 min.)	Interconn	CONNECT & TEST -							<del> </del>	<del> </del>			ļ	
ř	(1) Guitas into (00% of orders at 2.4 mpr.)	Svcs.	UNEC CONNECT & TEST -	4AXX	2.40	2.40	2.40	0.00	0%						
9	(2) Escalations (12% of orders at 7.2 min.)	Svcs.	UNEC	4AXX	7.20	7.20	7.20	0.00	0%	1					
1	(2) Applied College (COV and applied to 5 Co. ( )	Interconn	CONNECT & TEST -					0.00	0/0		<del></del>	<u> </u>		<del> </del>	
10	(3) Assist Calls (6% of orders at 15.6 min.)	Svcs.	UNEC CONNECT & TEST -	4AXX	15.60	15.60	15.60	0.00	0%	ļ	L	[		(	
11	(4) Jeopardy (25% of orders at 1.8 min.)	Svcs.	UNEC	4AXX	1.80	1.80	1.80	0.00	0%						
12	Total of Worktimes * Probabilities				0.00	0.00	0.00	0.00	U76					ļ	
13					5.55	0.00	0.00	0.00							
	UNEC pulls order information and assigns to work	Interconn	CONNECT & TEST -						t		ļ	ļļ		.\	
14	groups. Provisioning variables - when UNEC pulls order	Svcs.	UNEC CONNECT & TEST -	4AXX		0.00	0.00	0.00	100%	100%			1.00		55%
15	information (Row 12)	Svcs.	UNEC UNEC	4AXX	0.00	0.00	0.00					[		1	33%
	Verifies and ensures accuracy of order design SL2	Interconn	CONNECT & TEST -	4///	0.00	0.00	0.00	0.00	2%	0%			1.00		
16	ONLY Creates cut sheets to verify reuse of facilities SL2	Svcs.	UNEC	4AXX	3.00	0 <b>0</b> 0	3.00	0.60	100%	100%			1.00		
17	ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	4.00	0.00							1.00	<del></del>	
		Whitehaddh)	(COMMECAN WARRANII)		4.00		4.00	0.00	60%	10%	100%		1.00		
18	finsures preparate	£VC3	UNEC		5.00	6.06	0.00	6.00	38%	100%					
1	Performs frame continuity and due date coordination	Interconn	CONNECT & TEST -					minimanimini	······································	annina maninin	mumminimi				
19	and testing SL2 ONLY	Svcs.	UNEC CONNECT & TEST -	4AXX	93.60	0.00	£3.60	0.00	0%	85%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	0%	0%					
	Performs manual order coordination (remote call							0.00	U70				1.00	1.50	
i	forward, disconnect and unbundled loop order) when	Interconn	CONNECT & TEST -												
21	service is converted on existing facilities SL2 ONLY	Svcs.	UNEC	4AXX	20.00	0.00	20,00	0.00	C96	10%				1	
		Interconn	CONNECT & TEST -					0.00	970	10%	100%		1.00	<u> </u>	
22	UNEC contacts customer and completes order Provisioning Variables - when UNEC contacts customer	Svcs.	UNEC	4AXX	10.80	Q.OP	0.00	0.00	0%	100%		[	1.00	Í	
23	and completes order (Row 12)	Interconn Svcs.	CONNECT & TEST -	4AXX	0.00	0.00	0.00						1.00	<del> </del>	
	121		ONLO	4200	0.00	4.00	0.00	0.00	0%	0%			1.00		
24															
25	Item/Description					Work	imes (Min.)							<del> </del>	
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG	IMIJG/ WS	First Install	First Disconnect	Addti instali	Addti	Probability Work Activity Will Be	Probability, Dispatch Rate	Probability, Dispatch State			FPSC Staff Recommend Adjustment
	State-specific % of loops served through DLC	=INPUTS-				matan	Diacollifect	Addu Install	Disconnect	Performed	SL1	SL2	2W / 4W	/ Multiplier	(100% - Adj)
27	(applies to plug-in work activity)	MISCIC7	14%							J					
28			CONNECT & TEST -												
29	Processes requests	Network	I&M	411X	410X		6.50	0.00							
_		, tollion	CONNECT & TEST	4111	410	20.00	0.00	0.00	0.00	100%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	M&i	411X	410X	19.00	Ð. <b>0</b> 0	19 00	9.00	0%	100%	100%	1.00	(	
31	Places/removes cross-connect at crossbox	Network	CONNECT & TEST -	4440	4400								1.00		
21		HARWOIK	CONNECT & TEST -	411X	410X	18,00	0. <b>0</b> 0	16.00	9,00	100%	100%	100%	1.00	1.50	
32	Checks continuity and dial tone	Network	I&M	411X	410X	15,06	0.00	16.00	0.00	100%	100%	100%	1.00	1.50	
22	Trouble resolution at crossbox	Network	CONNECT & TEST -	4444							1	100.16	1.00	1.50	
_		Network	I&M CONNECT & TEST -	411X	410X	45.00	0.00	45.00	0.00	194	100%	100%	1.00	1.50	
34	Tests from NID & Tagging loop	Network	I&M	411X	410X	23.00	0.00	29.90	0.00	0%	*00%	100%	1.00	1.50	
											T		1.00	1.50	

_															
L_	A	В	С	D	E	F	G	Н		J	K	L	М	N	0
		1	CONNECT & TEST -						3			######################################			
35	Trouble resolution at premises	Network	I&M	411X	410X	56 (50)	0.00		.0.00_	0%	100%	100%	1.00	1.50	
[ _		1	CONNECT & TEST -	ì											
36	Completes order	Network	I&M	411X	410X		0.00	0.00	0.00	100%	100%	100%	1.00		
37		<b></b>	L.—.—.												
38	Item/Description					Work	imes (Min.)								
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG / WS	First Install	First Disconnect	Addti Instali	Addti Disconnect	WFA-DI Probability						
		ł	CONNECT & TEST -	: 1											
40	WMC coordinates dispatched technicians	Network	WMC	4WXX	2.00	0.00	0.00	0.00	100%						
41		<u> </u>													
42	item/Description					Work	imes (Min.)								
1															
					First	First		Addtl	15% Carried in Other Transport	FPSC Staff Recommend Adjustment			·		
	CENTRAL OFFICE FORCES (CO	Source	Description	JG / WS	Install	Disconnect	Addtl Install	Disconnect	Elements	(100% - Adj)					
			CONNECT & TEST -									<del> </del>			
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CO	431X	7.50	1,50	7.50	1.50	85%	80%				1	
Г			CONNECT & TEST -									T			
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	co	431X	7.50	1,50	7.50	1.50	85%				1		
											·	<del></del>		<del></del>	<del></del>

_	A	В	C	D	E	F	G .	Н		J	K
1	Florida										
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002										
4											
5	Item/Description					Workt	imes (Min.)				
	SPECIAL SERVICES INSTALLATION										
1	& MAINTENANCE (SSI&M) AND										
1	INSTALLATION AND			1			1				SL2
1	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addti	Addtl	SL1 Probability	Probability
6	ACTIVITIES	Source	Description	/WS	ws	Instali	Disconnect	Install	Disconnect	(Dispatch)	(Dispatch)
			TRAVEL -				1000			KIN L	
	1		SSI&M and								
7	Dispatched to crossbox	Network	1&M	411X	410X	20.00	0.0014	0.00	0.00	100%	100%

	A	В	С	D	T E	F	G	Н
1	Florida			<del></del>				
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	<u>Source</u>	Amount					
7	% DLC	Digital%.xls	13.86%	This taken from BellS				er)
8					i.e. =	523,191/(523,19	1+3,250,835)	
9	Location Life - 2 wire	Flloclif.xls	43	months				
10								
11								
12								
13	Subscriber Line Testing	FSLT.xis	\$ 0.2642					
14								
15	Network Termining Wire	FLNTW.xis	\$ 0.1638					

2-Voice Grade Loop - SL1 and SL2 Modified by Supra Telecom - 10/08/2004 Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN - 47
Supra's Group 3 Cost Study - NGDLC
UNE-P to NGDLC Virtual Terminal 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

	L	nstallation - First		Discon	nect - 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			Į.			
Total Cost	\$0.0960	\$0.0000	\$0.0960	\$0.0960	\$0.0000	\$0.0960
Gross Receipts Tax Factor		)	K \$1.001713		>	× \$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

	<u>lı</u>	nstallation - First		Disconn	ect - 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 Gross Receipts Tax Factor	\$0.0960	\$0.0000	\$0.0960 X_\$1.001713	\$0.0960	\$0.0000 X	\$0.0960 \$1.001713 \$0.0962
Cost (including Gross Receipts Tax) Common Cost Factor Economic Cost			\$0.0962 \$1.0624 \$0.1022	· 	×	\$0.0962 \$1.0624 \$0.1022

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

1-1		B	С	D	E	F	G H		JM	L:N	N I	P		
1 2 3		10/8/2004		Non Recurring Cost Development - Direct Cost										
2 3 4 5 6 7 8				FLORIDA A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNE		-L Conversion								
8 9						A	A(min)	В	B(min)	С	D=AxC	E=B*C		
П	l inc item	Eugation	JFC /	IEC/Dayband Description	NRC	Installation Worktimes	Installation Worktimes	Disconnect Worktimes	Disconnect Worktimes	Direct Labor	Installation	Disconnect		
10	Line Item 2	Function ENGINEERING - PICS	Payband JG57	JFC/Payband Description Planner orders plug-in when not in stock	Type First	(Hours) 0.00000000000	(Minutes)	(Hours)	(Minutes) 0.0000	Rate \$40,538	cost	cost		
			0.0000			\$0.0000	\$0,0000							
				Reviews request and handles request for manual assistance										
H				Reviews request and handles request for manual assistance										
15	6	ENGINEERING - SAC	4FXX	(RMA).	First	0.0000	0	0.0000	0.0000	\$32.620	\$0.0000	\$0.0000		
16	7			Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	0	0.0000	0.0000	\$38.310	\$0.0000	\$0.0000		
17	8			WMC coordinates dispatched technicians	First	0.0000	0	0.0000	0.0000	\$32.760		\$0.0000		
18	9	CONNECT & TEST - CO	431X		First	0.0000	0	0.0000	0.0000	\$42,040	\$0.0000	\$0.0000		
				AND INSTALLATION AND MAINTENANCE (I&M) WORK	1.									
19	2   3   ENGINEERING - PICS   WS16   Clerical functions in connection with handling of plug-in order   First   0,0000000000   0   0,0000   0,0000   \$25,854   \$9,0000   \$9,0000   \$0,0000   \$34,313   \$0,0000   \$0,0000   \$34,313   \$0,0000   \$0,0000   \$0,0000   \$34,313   \$0,0000													
20	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M)   AND INSTALLATION AND MAINTENANCE (I&M) WORK     19   10   CONNECT & TEST - I&M   410X   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   0,0000   \$0,0960   \$0,0													
	21 12 OSS Change OSS Electronic change charge First 0,0000 0 0,0000 0,0000 . \$0.0960 \$0.0960													
22	20         11         TRAVEL - SSI&M and I&M         410X         Dispatched to crossbox         First         0.0000         0         0.0000         \$40.260         \$0.0000         \$0.0000           21         12         OSS Change         OSS Electronic change charge         First         0.0000         0         0.0000         0.0000         \$0.0060         \$0.0060													
24						L Conversion								
26						A	A(min)	IB I	B(min)	IC .	D=AxC	E=B*C		
27							Price		Dirimity.	<u> </u>	O TOLO			
						Installation	Installation	Disconnect	Disconnect	·	r			
						Worktimes	Worktimes	Worktimes	Worktimes					
28	Line Item	Function				Worktimes	Worktimes	Worktimes	Worktimes					
	Line Item		Payband	Designs circuit and generates DLR and WORD document for	Туре	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	cost		
29	1	ENGINEERING - CPG	Payband 4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY	Type First	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate \$33,640	\$0.0000	\$0.0000		
29 30	1 2	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock	Type First First	(Hours) 0,0000 0,0000	Worktimes (Minutes)	(Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	\$33,640 \$40.538	\$0.0000 \$0.0000	\$0.0000 \$0.0000		
29 30 31	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	First First	(Hours) 0,0000 0,0000 0,0000	Worktimes (Minutes) 0 0	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854	\$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000		
29 30	1 2	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock	Type First First	(Hours) 0,0000 0,0000	Worktimes (Minutes)	(Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	\$33,640 \$40.538	\$0.0000 \$0.0000	\$0.0000 \$0.0000		
29 30 31	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).	First First	(Hours) 0,0000 0,0000 0,0000	Worktimes (Minutes) 0 0	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854	\$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC	Payband 4N4X JG57 WS16 4M1X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance	Type First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000		
29 30 31 32 33	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA).	Type First First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40.538 \$25,854 \$34,310 \$40.538 \$32,620	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance	Type First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000		
29 30 31 32 33 34 35	1 2 3 4 5 6 7	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY	First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&A AND INSTALLATION AND MAINTENANCE (EM) WORK	Type First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians. CO Field wires circuit at collocation site. \$L1 ONLY \$PECIAL SERVICES INSTALLATION & MAINTENANCE (\$SI&M AND INSTALLATION AND MAINTENANCE (\$SI&M AND INSTALLATION AND MAINTENANCE (\$SI&M ACTIVITIES)	Type First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,760 \$32,760 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 38	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Coordinates dispatched technicians Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$L1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES	Type  First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians. CO Field wires circuit at collocation site. \$L1 ONLY \$PECIAL SERVICES INSTALLATION & MAINTENANCE (\$SI&M AND INSTALLATION AND MAINTENANCE (\$SI&M AND INSTALLATION AND MAINTENANCE (\$SI&M ACTIVITIES)	Type First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Coordinates dispatched technicians Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$L1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES	Type  First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,760 \$32,760 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge	Type  First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&A AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (SSI&A AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (SSI&A SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  OISPECHAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES  This summary sheet is modeled after the BSCC 2.4 output for	Type  First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supretellecommunications and information Systems to reflect costs	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians. CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Suprallecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-I.	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supretellecommunications and information Systems to reflect costs	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990849-P Inputs to this sheet come from the FL-2W study modified by Sup Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-I to UNE-L.	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 31 32 33 34 35 36 37 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Suprellecommunications 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	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Suprellecommunications 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	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 41 42 43 44 44 45 46 46 47 47	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 41X 410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Sup Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-1. The FL-2W cost study is the cost study used to establish rates fo 2 wire VG lop in Florida, based upon Bellsouths October 8. 2001 Compliance filling model	Type First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		
29 30 31 32 33 34 35 36 37 40 41 42 43 44 44 45 46 47	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 41X 410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Cierical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Suprellecommunications 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	Type First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000		

itudy [	Date:	09/2001
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	A	В	С	D	E	F	G	Н		J
1	Florida									
2	Index She	et								
3	Study Peri	od: 2000-2	002							
4										
5										
6										
7										
8										
9			Sheet Name:	1 3	Description:					
10			Index		2-Voice Grade Lo	op - SL1 an	d SL2 UNE-	P To UNE-	L Conversion	on
11		β	Additives_Recurring		CALCULATOR IN	PUT FORM	I - RECURR	ING EXPE	NSES DAT	A
12			Nonrecurring Labor		CALCULATOR IN	<b>PUT FORM</b>	- NONREC	URRING L	ABOR TIM	ES
13			WP100		Nonrecurring Wor					
14			S_ENGINEERING		Detailed Labor Wo	orktimes				
15		INPUTS	CONNECT&TEST	-	Detailed Labor Wo					
16			INPUTS_TRAVEL		Detailed Labor Wo	orktimes				
17			INPUTS_MISC		Miscellaneous Inp	uts			. 1	
18										
19										
20										
21										
22					Version 1.0 - 10/0	8/2004				
23					Based upon	Deposition(s	s) of Caldwe	II and 9/24	MA Ainewor	th Done

	Α	В	С	D	E	F
1		CALCULATOR INP	UT FORM - RECURRING EXPENSES DATA			
2						
3		Instructions:				
4		1. Use this worksh	eet to record recurring non-labor expenses to	be input into the		
5		Calculator calcul				
6			wn are per unit (e.g., per call, per loop, per M			
7			ost Element, leaving no blank lines. On next	row		
8			lata, type END in Cost Element Column.			
9			orm should be cell-referenced to study work	papers.	-	
10		5. Do NOT change	columns, headings, sheet name.			
11						
12						
13						
14				Recurring	Recurring	1
15			Recurring	Volume	Volume	
16		Cost	Expense Description	Sensitive	Insensitive	
17	<u>State</u>	Element #	(Limited to 25 characters)	\$ Amount	\$ Amount	
18		A.1.1	Subscriber Line Testing	0.2642		i
215		A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412	FL	A.1.2	Subscriber Line Testing	0.2642		
609		A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						

	A	В	С	D .					<del></del>						
1				ORM - NONRECURRING LABOR TIM	E E	<u> </u>	G	Н		J	K	L	M_	N	0
		CALCULAT	JK INPUT FC	JAM - NUNRECURRING LABOR TIN	IES										
3		Instructions													
4				ropord nonrecumient lebentines to	Ļ.,										
5		1. Use this v	vorksneet to	record nonrecurring labor times to e per unit (e.g., per call, per loop, pe	be input in	o the Calculate	or calculations.								
6		2. All amour	ts snown ar	e per unit (e.g., per call, per loop, per ement, leaving no blank lines. On n	er MOU).										
17		o. input data	, by Cost Ell	ype END in Cost Element Column.	ext row										
8		A All date of	nie or data, t	hould be cell-referenced to study w											
9		F. Do MOT	hanga colu	nns, headings, sheet name.	orkpapers.										
10		6 Usa sala	mange colui	then cost element has a circle ac-			11 1 1 0 15 5								
11		o. Use colu	tional noon	then cost element has a single non- curring cost; use columns L, M, N &	ecurring co	st; use column	S H, I, J, & K to	r elements wi	th a first					L	
12		T lanut Con	donal nome	to (in months) on first saw of data	O tor elem	ents with an in	itial and subse	quent nonrec	urring cost.						
13		7. Input Cos	et Element L	ife (in months) on first row of data f	or each cos	t element. It is	not necessary	to repeat on	each line.						
14		ļ									L				
	Study M	id-Point Date	/Mos \	6/1/2001	1										<del> </del>
16	Cludy M	. One Date	(1103.)	0/1/2001	<del> </del>										<del> </del>
17					++	/Ear usa v	v/ one NR)	First	First	Additional	A 4444		<del></del>		<u> </u>
18			Cost		<del> </del>	Installation	Disconnect	Installation	Disconnect	Installation	Additional	Initial	Initial		Subsequent
19		Cost	Element	Labor Expense Description	JFC/	Time	Time	Time	Time	Time	Disconnect Time	Installation	Disconnect	Installation	Disconnect
20	State	Element #	Life (Mo)	(Limited to 25 characters)	Payband	(Hours)	Hours	(Hours)	Hours	(Hours)		Time	Time	Time	Time
21	FL	A.1.1	43	ENGINEERING - PICS	JG57	(Itours)	Hours	Jilouis/	Tiouis -	mours	Hours	(Hours)	Hours	(Hours)	Hours
22	FL	A.1.1	43	ENGINEERING - PICS	WS16						<del></del>				
23	FL	A.1.1	43	ENGINEERING - AFIG	4M1X						<del> </del>				ļ
24 25 26 27	FL	A.1.1	43	ENGINEERING - SAC	JG57			-		-	<del></del>			<del></del>	<del> </del>
25	FL	A.1.1	43	ENGINEERING - SAC	4FXX						<del></del>			<del></del>	
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			-			<u>-</u> -			<del></del>	
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			-						<del> </del>	
28	FL	A.1.1	43	CONNECT & TEST - CO	431X									<del> </del>	
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X									<del></del>	<del> </del>
30 31	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X							<del></del>			<del> </del>
31				OSS Electronic change charge				0.0100							<del> </del>
32	FL.	A.1.2	43	ENGINEERING - CPG	4N4X			-						<del> </del>	
33	FL	A.1.2	43	ENGINEERING - PICS	JG57					-				-	
34	FL	A.1.2	43	ENGINEERING - PICS	WS16			-	-	-					<del>                                     </del>
35	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-	_	•	· · · · · · · · · · · · · · · · · · ·			<del> </del>	
36	FL	A.1.2	43	ENGINEERING - SAC	JG57				-					1	<del> </del>
37	FL	A.1.2	43	ENGINEERING - SAC	4FXX			-						<del></del>	
38 39	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			-	-	-				T	<del>  </del>
42	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X				-	-	-				1
43								0.0100						1	-
44		END												1	1
45															
46				Maximum of 25 entries per Cost Elem	ent#					***************************************					+-

			c								
-	A	<u> </u>	<u> </u>	D	E	F	G	H		J	K
	Florida			<del> </del>							
	Nonrecurring Worktimes			<del></del>						<b></b>	
I	Study Period: 2000-2002			<del> </del>						<del> </del>	
4		2-Wire Analog Voice Grade Lo-	Candaala							ļ	
	A.1.1	2-Wire Milatog Voice Grade Lo	oh - Service Fr	vei						· · · · · · ·	
6											
_	Location Life	43	months	(=INPUTS M							
8					Worktim					mes (Hrs.)	
			JFC / JG /	l	First	Addti			First		Addtl
9	Source (* FL Change)	Description	ws	First Install	Disconnect	Install	Addtl Disconnect	First Install		Addti Instali	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
	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
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	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
	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
	INPUTS CONNECT&TEST WMC, Row 40 * 140	CONNECT & TEST - WMC	4WXX		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
1						0.00		1			
	INPUTS CONNECT&TEST I&M, Rows 29-36 1 N29	CONNECT & TEST - I&M	410X		0.00		0.00	0.0000	0.0000	0.0000	0.0000
	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											
	Florida										
	Nonrecurring Worktimes					L			_	1-0-0-	
25	Study Period: 2000-2002							<u>L</u> .	Ì		
26			i								
27	A.1.2	2-Wire Analog Voice Grade Lo	op - Service L	evel 2				1	1		L
28											
29	Location Life	43	months	(=INPUTS_N	MISCIC9)				1 -		
30					Worktim	es (Min.)			Workti	mes (Hrs.)	
Γ			JFC / JG /		First	Addtl			First		Addtl
31	Source (* FL Change)	Description	ws	First Install	<u>Disconnect</u>	Install	Addtl Disconnect	First Install	Disconnect	Addtl Install	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
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	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
	INPUTS_CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	CHARLED POR	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS CONNECT&TEST, Row 44 * 144	CONNECT & TEST - CO	431X	1000	. Constanting		1.28	0.0000	0.0000	0.0000	0.0213
	INPUTS CONNECT&TEST, Rows		-							· · · · · · · · · · · · · · · · · · ·	
41	29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X		0.00	1170	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	D.0000	0.0000	0.0000
43	SubTotal		-	0.00	0.00				0.00	0.00	0.02

. —														
J	A	В	С	D	E	F	G	Н		J	K		м	N
-	Florida			1.										
	Detailed Labor Worktimes					Ī								
3	Study Period: 2000-2002				T					<del>                                     </del>				
4										<del> </del>				
5	Item/Description					Worktim	es (Min )			<del></del>				<del></del>
. 🗆					<del></del>		1 (1,,			FPSC Staff				
,		J		ĺ						Recommend			1	
		ì			First	First	Addti	Addti	Probability	Adjustment (100%				
6	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG/WS	Install	Disconnect	Install	Disconnect	(Fallout)					
	Reviews request and handles request for			1 007110	dillillilli	Disconnect		Disconnect	(Fallout)	- Adj)				
	manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	46 00	0.00		0.00	0%	500	Ì			
	Reviews request and handles request for			3657		0.00		0.00		50%				
	manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	10.00	0.00		0.00	0%		ļ ļ			
ដ	manual assistance (1007).		LINGUILLINING - SAC	45	1111411411	0.00	11/16/2007	0.00		<del> </del>				
10	Item/Description				<del> </del>	1811-2	(0.07)		<del></del>	<del></del>				
, <del>" </del>	Renabescription	<del>+</del>			<del></del> -	WORKIN	es (Min.)			<del></del>				
. )							Í				FPSC Staff			
ı									Probability		Recommend			
	ADDRESS AND FACILITY INVENTORY	}	'	1	First	First	Addtl	Addti	(Fallout) -	Probability	Adjustment			
11	(AFIG)	Source	Description	JG/WS	Install	Disconnect	Install	Disconnect	Install	(Fallout) - Disc.	(100% - AdJ)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	0.00	8.00	0.00	0%	0%	50%		i	
13			_											
17						-					<del></del>			
ı I		1		1	1				ì		1		FPSC Staff	
. 1					-							Probability	Recommend	
1 1					First	First	Addti	Addti	Probability	Probability First	Probability Addti		Adjustment	
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	Install	Disconnect	install	Disconnect	First Install	Disconnect	1			
	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.60	0.00	0.00	0%	Transport of the second second	Install	Disconnect	(100% - AdJ)	·
	Designs circuit and generates DLR and		2	4147	10.00		0.00	0.00	- UN	9%	0%	0%	50%	
	WORD document for CLEC and Field.												l i	
	SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.90	18.00	0.00	0%	9%	201			
17	OLL OILL	· · · · · · · · · · · · · · · · · · ·	ENDINEEL WING - CA'G		10.00	2000000 <b>4.0014</b> 000000	10.00	***************************************			0%	0%		
18				<del></del>	<del> </del>		<del> </del> -			<del> </del>				
, <del>"</del>				<del> </del>	<del> </del>					<del> </del>			·	
1 7				i					ł		Ì		Worktimes	
ı J									l				Occur Only on	FPSC Staff
!	NETWORK PLUG-IN ADMINISTRATION				-					1		Probability	Backorders -	Recommend
		S	D	10 1115	First	First	Addtl	Addti	Probability	Probability First	Probability Addti		Backorder	Adjustment
19		Source	Description	JG/WS	Install	Disconnect	Install	Disconnect	First Install	Disconnect	Install	Disconnect	Fallout 3%	(100% - Adj)
1 1	State-specific % of loops served	=(INPUTS_MIS			1									
20	through DLC	C C7)	14%	ļ	mmmm		Ammun.							55%
ı I														
	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57		0.00	10.00	0.00	0%	0%	0%	0%	3%	
. 7	Clerical functions in connection with			:						1				
اددا	handling of plug-in order	Network	ENGINEERING - PICS	WS16		0.00	1000	0.00	0%	0%	0%	0%	3%	
44	manager prag in order													

		,													
H	Florida	В	c	D	E	F	G	н		J	К		М	T N	
2	Detailed Labor Worktimes	<del> </del> -			<del></del>	<del></del>									
3	Study Period: 2000-2002	<del> </del>		<del></del>	<del> </del>		<del> </del>								·
4		<del></del>			<del> </del>				ļ						
5	hem/Description			<del></del>		Work	times (Min.)	L	<del> </del>						
						- WOIK	(MITILES (MITIL)				<del> </del>	ļ			
6	Unbundled Network Element Center (UNEC) Work Activities	Source	Description	JG/WS	First Install	First Disconnect	Addti Instali	Addti Disconnect	(SL177) Probability /	(SL2777) Probability f	Not used FOR ANYTHING! Probability /				FPSC Staff Recommend Adjustment
7	Provisioning Variables		Dogonistion	007110	motan	Disconlinect	Auditinstan	Disconnect	Reuse	Reuse	Reuse		2W / 4V	V Multiplier	(100% - Adj)
П		Interconn	CONNECT & TEST -			<del> </del>	<del> </del>	ļ	ļ	<del></del>	<del> </del>				
8	(1) Status/Info (55% of orders at 2.4 min.)	Svcs.	UNEC	4AXX	2.40	2.40	2.40	0.00	0%	1	Ì	i !			
1 1		Interconn	CONNECT & TEST -				2.70	0.00	1 076	<del> </del>	ļ- <del></del>			<del> </del>	
9	(2) Escalations (12% of orders at 7.2 min.)	Svcs,	UNEC	4AXX	7.20	7.20	7.20	0.00	0%		1	1		i	
[]	(2) April + (2-1) - (02) - (-1)	Interconn	CONNECT & TEST -						1		<del> </del>			+	
10	(3) Assist Calls (6% of orders at 15.6 min.)	Svcs.	UNEC	4AXX	15.60	15.60	15.60	0.00	0%			i .			
,,,	(4) Jeopardy (25% of orders at 1.8 min.)	Interconn	CONNECT & TEST -	44.77	4.00										
	Total of Worktimes * Probabilities	Svcs.	UNEC	4AXX	1.80	1.80	1.80	0.00	0%					1	
12	TODADIINES				0.00	0.00	0.00	0.00			1				
,3	UNEC pulls order information and assigns to work	interconn	CONNECT & TEST -		annanana.						,	1		1	
	groups.	Svcs.	UNEC	4AXX	8.00	6.00	0.00				8				
	Provisioning variables - when UNEC pulls order	Interconn	CONNECT & TEST -	******	'IIII AN ANIII		0.00	0.00	0%		<b>,</b>	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de	1.00		55%
	nformation (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	09		1			1	
	Verifies and ensures accuracy of order design SL2	Interconn	CONNECT & TEST -		0.00		0.00	0.00		98	<del> </del>		1.00	<u> </u>	
	DNLY	Svcs.	UNEC	4AXX	3.00	0.00	3.00	8.90	0%	G%			1.00		·
[	Creates cut sheets to verify reuse of facilities SL2	Interconn	CONNECT & TEST -						1		1	·	1.00	<del> </del>	<u> </u>
~	HIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	Svcs.	UNEC	4AXX	4.00	0.00	4.00	0.00	0%	0%	100%	į	1.00	1	
.,	Enaves dispats	Intercent	CONNECT & TEET +										uuuiuuuu	Mannananananananananananananananananana	
	Performs frame continuity and due date coordination	Interconn	CONNECT & TEST -	WAXXIII	5.00		200		<b>0%</b>	<b>0%</b>			160		
19	and testing SL2 ONLY	Svcs.	UNEC	4AXX	92.60	0.00				8					
	•••••••••••••••••••••••••••••••••••••••	Interconn	CONNECT & TEST -		ennement (	0.00		0.00	09	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	0%			[			
						0.00		0.00	1.078	0%			1.00	1.50	
1	Performs manual order coordination (remote call									8	į į	(			
3,1	forward, disconnect and unbundled loop order) when service is converted on existing facilities SL2 ONLY	Interconn	CONNECT & TEST -						1	8				ľ	
1	service is converted on existing facilities SL2 ONLY	Svcs.	UNEC CONNECT & TEST -	4AXX	180.80	0.00		0.00	0%	0%	100%		1.00	1	
22	UNEC contacts customer and completes order	Svcs.	UNEC	4AXX	10.80	***									
	Provisioning Variables - when UNEC contacts customer	Interconn	CONNECT & TEST -	_ <b>4/</b> ///	10.60	0.00	0.00	0.00	0%	0%	ļ		1.00	L	
23	and completes order (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	-0%	£%		! [			
							0.00	0.00		N. 1			1.00		
24															
25	Item/Description					Work	times (Min.)								
20	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND			SSIM JG	IM JG /		First		Addti	Probability Work Activity Will Be	Probability, Dispatch Rate	Probability,			FPSC Staff Recommend Adjustment
26	MAINTENANCE (I&M) WORK ACTIVITIES State-specific % of loops served through DLC	Source =INPUTS-	Description	ws	WS	First Install	Disconnect	Addti instali	Disconnect	Performed	SL1	SL2	2W / 4W	/ Multiplier	(100% - Adj)
	applies to plug-in work activity)	MISCIC7	149/										2	T. T. T. T. T. T. T. T. T. T. T. T. T. T	1.00/4 - 7/4]]
28	Trues to plag in work denaky)	WIIGCIC/	14%							L					
			CONNECT & TEST -											T	
29	Processes requests	Network	I&M	4114	4104										
-1		THOUNDIN	CONNECT & TEST -	411X	410X	20.00	9.00	0.00	0.00	0%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	I&M	411X	410X	19 00	0.00								
7			CONNECT & TEST -	-7/1/	-100		4.79	19.00	0.00	0%	100%	100%	1,00		
31	Places/removes cross-connect at crossbox	Network	M&I	411X	410X	18-9 <b>0</b>	0.00	16.00	0.00	0%	Kopos		4.00	4	
			CONNECT & TEST -								100%	100%	1.00	1.50	
32 (	checks continuity and dial tone	Network	I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
37	rouble resolution at crossbox	Mahamata	CONNECT & TEST -	44									1.00	1.50	
33	TOURSE (ESOURIENT &) CHOSSINGX	Network	M.SI	411X	410X	44,04	0.00		0.00		190%	100%	1.00	1.50	

	A	В	С	D	E	F	G	Н	ı	7	K	L	М	N	0
		1	CONNECT & TEST -	1											
34	Tests from NID & Tagging loop	Network	I&M	411X	410X		0.00		0.00	0%	100%	100%	1.00	1.50	
	l	}	CONNECT & TEST -												
35	Trouble resolution at premises	Network	I&M	411X	410X	36.00	0.00		0.00	0%	100%	#00%	1.00	1,50	
1 1			CONNECT & TEST -												
36	Completes order	Network	I&M	411X	410X	100	0.00	0.00	0.00	0%	100%	100%	1.00		
37						<u> </u>									
38	Item/Description					Work	limes (Min.)								
1 1								{			·	<b>\</b>	}	1	
1 1		ł			First	First		Addit	WFA-DI		i		]	ľ	
39	WORK MANAGEMENT CENTER (WMC)	Source	Description	JG/WS	install	Disconnect	Addtl install	Disconnect	Propability		ļ	1	1	1	
1			CONNECT & TEST -		11141411	2.000	radi maign	Disconnect	(144,444)			<del> </del>	<del></del>	<del></del>	
l₄n.	WMC coordinates dispatched technicians	Network	WMC	4WXX	2.00	0.00	0.00	0.00	0%			<b>\</b>		Į.	
41		710,000,00	······································	.,,,,				0,00		<del></del>		<del> </del> -	<del> </del>	<del> </del>	
42	Item/Description					Work	times (Min.)		<del> </del>			<del> </del>	<del> </del>		
F						1	1		<del> </del>		<del> </del>	<del> </del>		<del> </del>	
ı								ĺ			1		1		
Į.	ļ		i i			}		*		FPSC Staff	i			ŀ	
	i							Į.	15% Carried in	Recommend	<b>,</b>	1		· ·	
ı				)	First	First		Addti	Other Transport			1 .			
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	Install	Disconnect	Addti instali	Disconnect	Elements	(100% - Adj)		J			
1		<b>S</b>	CONNECT & TEST -					<b>:</b>				1			
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CO	431X	7.50	1,50	7.50	1.50	85%	0%			L		L
			CONNECT & TEST -												
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CO	431X	7.50	1,50	7,50	1.50	85%		L			1	
46									1						

	A	В	С	D	E	F	G	Н	Г Т	J	К
1	Florida										
2	Detailed Labor Worktimes									<del>                                     </del>	
3	Study Period: 2000-2002										
4											
5	Item/Description					Workt	imes (Min.)				
	SPECIAL SERVICES INSTALLATION									The William St.	70x 1
1	& MAINTENANCE (SSI&M) AND										
	INSTALLATION AND										SL2
	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addti	Addtl	SL1 Probability	Probability
6	ACTIVITIES	Source	Description	/WS	WS	Install	Disconnect	Install	Disconnect	(Dispatch)	(Dispatch)
			TRAVEL -								
			SSI&M and								
7	Dispatched to crossbox	Network	I&M	411X	410X	20.00	0.00	0.00	0.00	026	0%

	A	В	С		D	E	F	G	Н
1	Florida								
2	Miscellaneous Inputs								_
3	Study Period: 2000-2002								
4									
5									
6	Input Description	Source	Amoun	<u>1t</u>					-
7	% DLC	Digital%.xls	## <b>###</b> ###############################	86%	This taken from BellSo	outh resonse to			oer)
8						i.e. =	523,191/(523,19	1+3,250,835)	
9	Location Life - 2 wire	Flloclif.xls		43	months				
10									
11									
12						1			
13	Subscriber Line Testing	FSLT.xls	\$ 0.2	2642		!			
14									
15	Network Termining Wire	FLNTW.xis	\$ 0.1	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

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 FL2w.xls

	<u>li</u>	nstallation - First		Disco	nnect - First	1
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			i			
Total Cost	\$0.0960	\$0.0000	\$0.0960	\$0.0960	\$0.0000	\$0.0960
Gross Receipts Tax Factor			X \$1.001713		×	< \$1.001713
Cost (including Gross Receipts Tax)			\$0.0962		·	\$0.0962
Common Cost Factor		)	X \$1.0624		×	\$1.0624
Economic Cost			\$0.1022			\$0.1022

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

#### Non Recurring cost

		nstallation - First		Discor	nect - 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 Gross Receipts Tax Factor	\$0.0960	\$0.0000	\$0.0960 X \$1.001713	\$0.0960	\$0.0000	\$0.0960
Cost (including Gross Receipts Tax) Common Cost Factor		,	\$0.0962			\$1.001713 \$0.0962
Economic Cost	<del></del>		\$0.1022		,	X \$1.0624 \$0.1022

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

$\Box$	A	В	С	D .	E	F	G		. Re	N	N R	Р
1						<u> </u>		<u> </u>	F	<u></u>	<u> </u>	
2		10/8/2004		Non Recurring Cost Development - Direct Cost								1
3												1
5				FLORIDA								I
6				A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UNI		L Conversion						
2 3 4 5 6 7							147-1-3					
9						A	A(min)	В	B(min)	C	D=AxC	E=B*C
H						installation	Installation	Disconnect	Disconnect			
اما	Line Item	Function	JFC / Payband	IECDs should Consider the	NRC	Worktimes	Worktimes	Worktimes	Worktimes	Direct Labor	Installation	Disconnect
10 11		ENGINEERING - PICS	JG57	JFC/Payband Description Planner orders plug-in when not in stock	Type First	(Hours) 0.0000000000	(Minutes)	(Hours)	(Minutes)	Rate	cost	\$0.0000
12		ENGINEERING - PICS	WS16	Clerical functions in connection with handling of plug-in order	First	0.000000000	0	0.0000	0.0000	\$40.538 \$25.854	\$0.0000 \$0.0000	\$0.0000
13		ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	\$34,310	\$0.0000	\$0,0000
	_		1057	Reviews request and handles request for manual assistance								
14	5	ENGINEERING - SAC	JG57	(RMA). Reviews request and handles request for manual assistance	First	0.0000	0	0.0000	0.0000	\$40.538	\$0.0000	\$0.0000
15	6	ENGINEERING - SAC	4FXX	(RMA).	First	0.0000	· 6	0.0000	0.0000	\$32,620	\$0,0000	\$0.0000
16		CONNECT & TEST - UNEC		Unbundled Network Element Center (UNEC) Work Activities	First	0.0000	. 0	0.0000	0.0000	\$38.310	\$0.0000	\$0.0000
17		CONNECT & TEST - WMC		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 SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M	First	0.0000	0	0.0000	0.0000	\$42.040	\$0.0000	\$0.0000
				AND INSTALLATION AND MAINTENANCE (I&M) WORK	Ţ						1	
19			410X	ACTIVITIES	First	0.0000		0.0000	0,0000	\$40.260	\$0,0000	\$0.0000
20 21		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 \$0.0960
23				FLORIDA		•				Total First	\$0.0960	\$0.0960
24				A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UN		-L Conversion						
25				,								
22 23 24 25 26 27						Α	A(min)	В	B(min)	С	D=AxC	E=B*C
1					_							
						Installation	Installation	Disconnect	Disconnect			
			JFC/		NRC	Installation Worktimes	installation Worktimes	Disconnect Worktimes	Disconnect Worktimes	Direct Labor	Installation	Disconnect
28	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type					Direct Labor Rate	Installation cost	Disconnect cost
			Payband	Designs circuit and generates DLR and WORD document for	Туре	Worktimes (Hours)	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	cost
29	1	ENGINEERING - CPG	Payband 4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Type First	Worktimes (Hours) 0.0000	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate \$33.640	\$0.0000	cost \$0,0000
29 30 31		ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	Туре	Worktimes (Hours)	Worktimes (Minutes)	(Hours) 0.0000 0.0000	Worktimes (Minutes)	Rate	cost	cost
29 30	1 2	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.	Type First First	(Hours) 0.0000 0.0000	Worktimes (Minutes)	(Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	\$33.640 \$40.538	\$0.0000 \$0.0000	\$0,0000 \$0.0000
29 30 31 32	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG	Payband 4N4X JG57 WS16 4M1X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance	First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes)	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310	\$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16 4M1X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.	First First	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes)	(Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854	\$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000
29 30 31 32 33	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC	Payband 4N4X JG57 WS16 4M1X JG57 4FXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA).	Type First First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities	Type First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians	Type First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities	Type First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&A AND INSTALLATION AND MAINTENANCE (EM) WORK	Type First First First First First First First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type  First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&A AND INSTALLATION AND MAINTENANCE (EM) WORK	Type  First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760 \$42,040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox	Type  First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge	Type  First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310 \$32.760 \$42.040	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTEMANCE (ISSI&AND INSTALLATION AND MAINTEMANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for	Type  First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Dispatched to crossbox  OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTEMANCE (ISSI&AND INSTALLATION AND MAINTEMANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supr Tellecommunications and Information Systems to reflect costs avoided in the conversion from UNE-P to UNE-L.	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supt Tellecommunications and Information Systems to reflect costs avoided in the conversion from UNIE-P to UNIE-L The FL-2W cost study is the cost study used to establish rates for	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supr 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 wire Vel Tene Parker (Vel Top in Florida, based upon Bellsouths October 8, 2001	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&MAND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supt Tellecommunications and Information Systems to reflect costs avoided in the conversion from UNIE-P to UNIE-L The FL-2W cost study is the cost study used to establish rates for	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supr 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 wire Vel Tene Parker (Vel Top in Florida, based upon Bellsouths October 8, 2001	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$32,760 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supr 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 fo 2 wire VG lop in Florida, based upon Bellsouths October 8, 2001 Compilance filing model	Type First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNEC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - L&M TRAVEL - SSI&M and I&M	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X  410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supr 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 wire Vel Tene Parker (Vel Top in Florida, based upon Bellsouths October 8, 2001	Type First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$42,040 \$40,260 \$40,260	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000

	Α	В	С	D	E	F	G	Н		J
1	Florida								<u> </u>	
2	Index Shee	et								
3	Study Perio	od: 2000-20	02							
4										
5										
6										
7										
8										
9			Sheet Name:		Description:					
10			Index		2-Voice Grade Lo	op - SL1 an	d SL2 UNE	P To UNE-	L Conversi	on
11			dditives_Recurring		CALCULATOR IN	PUT FORM	1 - RECURF	RING EXPE	NSES DAT	A
12		N	lonrecurring Labor		CALCULATOR IN	<b>PUT FORM</b>	1 - NONREC	CURRING L	ABOR TIM	ES
13			WP100		Nonrecurring Wor					
14			S_ENGINEERING		Detailed Labor We					
15			CONNECT&TEST		Detailed Labor Wo	orktimes				
16			INPUTS_TRAVEL		Detailed Labor Wo					
17			INPUTS_MISC		Miscellaneous Inp	uts				
18										-
19										
20										
21										
22					Version 1.0 - 10/0	8/2004				
23					Based upon	Deposition(	s) of Caldwe	ell and 9/24/	04 Ainswor	th Depo

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

	Α	В	С	· D	E	F
1		CALCULATOR INP	JT FORM - RECURRING EXPENSES DATA			
2						
4		1. Use this worksho	et to record recurring non-labor expenses to	be input into the	)	
5		Calculator calcula	ations.			
6			wn are per unit (e.g., per call, per loop, per M			
7			st Element, leaving no blank lines. On next	row		
8			ata, type END in Cost Element Column.			
9		4. All data on this for	orm should be cell-referenced to study work	papers.		
ïV		o. Do NOT change	oorannis, neaumys, 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		A.1.1	Subscriber Line Testing	0.2642		:
215		A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		!
412		A.1.2	Subscriber Line Testing	0.2642		
609		A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806			10.5			
807		END				
808						

	Δ	ВТ	c T	D	E	Ē	G	Н		<del></del>	<del></del>				
1-1				ORM - NONRECURRING LABOR TIM					<del></del>		К		M	N	<u> </u>
2		CALCULATO	JK INFOT TO	THE THORKEOUTHING LABOR THE	ES										
3		Instructions													
4				record nonrecurring labor times to	be inned in	a the Coloulate		L			<u> </u>				
		1. Use this w	to chave an	e per unit (e.g., per call, per loop, pe	be input in	to the Calculate	or calculations.	;							
5		2. All amoun	by Coot Ele	ement, leaving no blank lines. On n	r MOU).										
6				ype END in Cost Element Column.	ext row										
7															
8				hould be cell-referenced to study w	orkpapers.						ļ				
9		5. DO NOT C	nange colui	nns, headings, sheet name.										\	
10		6. Use colui	mns F & G W	hen cost element has a single nonr	ecurring co	st; use column	is H, I, J, & K fo	or elements wi	th a first						
11		and addi	tional nonre	curring cost; use columns L, M, N &	O for elem	ents with an in	itial and subse	quent nonrec	urring cost.						
12		7. Input Cos	it Element Li	fe (in months) on first row of data f	or each cos	t element. It is	not necessary	to repeat on	each line.						
13					·										
14															
	Study M	id-Point Date	(Mos.)	6/1/2001											
16															
17						(For use v		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)	<u>Hours</u>	(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			-		-	-			<u> </u>	
26	FL	A.1.1	43	CONNECT & TEST - UNEC	4AXX			-	-						
27	FL	A.1.1	43	CONNECT & TEST - WMC	4WXX			-	-		<b></b>				
28	FL	A.1.1	43	CONNECT & TEST - CO	431X			_	•	_	-				
29	FL	A.1.1	43	CONNECT & TEST - I&M	410X			-	-						<del> </del>
30	FL	A.1.1	43	TRAVEL - SSI&M and I&M	410X				-		-			<del>                                     </del>	<del></del>
31				OSS Electronic change charge				0.0100						<del> </del>	<del> </del>
32	FL	A.1.2	43	ENGINEERING - CPG	4N4X			-				<del></del>		-	
33	FL	A.1.2	43	ENGINEERING - PICS	JG57						<del> </del>				
34	FL	A.1.2	43	ENGINEERING - PICS	WS16			<del></del>		-	<del>                                     </del>				<u> </u>
35	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			-			<del> </del>				<del> </del>
36	FL	A.1.2	43	ENGINEERING - SAC	JG57			<del> </del>			<del> </del>			<del> </del>	<del>-</del>
37	FL	A.1.2	43	ENGINEERING - SAC	4FXX						<del></del>			<del></del>	<del> </del>
38	FL	A.1.2	43	CONNECT & TEST - UNEC	4AXX			<del> </del>		· · · · · <del>· · ·</del>	<del></del>			<del> </del>	
39	FL	A.1.2	43	CONNECT & TEST - WMC	4WXX	<del></del>		<del>                                     </del>		· <del></del> -	<del> </del>				
40	FL	A.1.2	43	CONNECT & TEST - CO	431X		<del>                                     </del>	<del>                                     </del>	<del></del>		0.0213				
41	FL	A.1.2	43	CONNECT & TEST - I&M	411X			<del> </del>						<u> </u>	
42	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X			<u>-</u>	· .	· · · · -	-				<u> </u>
43				Coldinate and tall	711/			0.0100		· · · · · · · · · · · · · · · · · · ·	<u> </u>			<b></b>	
44		END						0.0100			<b></b>				1
45							<u> </u>								
46				Maximum of 25 entries per Cost Elem	oot #			<del></del>			<del> </del>				<u> </u>
701		<del></del>		Maximum of 25 entries per Cost Elem	CIIL#			<u> </u>			L				

	A	В	С	D			-				
1	Florida		<del></del>	ь	E	F	G	Н			к
	Nonrecurring Worktimes		<del></del>								
	Study Period: 2000-2002										
	Study Period: 2000-2002										
4	A.1.1	O Miles Ameles Weige Conde is	on Comile I								
	A.1.1	2-Wire Analog Voice Grade Lo	op - Service Li	evel 1							
6			ļ							L	
7	Location Life	43	months	(=INPUTS_M		L	L				
8					Worktim					nes (Hrs.)	
1			JFC/JG/		First	Addtl		i .	First		Addtí
9	Source (* FL Change)	Description	ws	First Install	Disconnect	Install	Addtl Disconnect	First Install	Disconnect	Addtl Install	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
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS_CONNECT&TEST UNEC, Rows										
16	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
	INPUTS_CONNECT&TEST WMC, Row 40 * 140	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
Г				0.0		ALC: ALC:					
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
22											
23	Florida									-	
	Nonrecurring Worktimes		1								
	Study Period: 2000-2002					<del></del>	<del>                                     </del>				
26											
27	A.1.2	2-Wire Analog Voice Grade Lo	op - Service L	evel 2					·		<del></del>
28				1		<del> </del>	<del> </del>	-		ļ	
29	Location Life	13	months	(=INPUTS N	HECICO)	<del></del>	+			\	
30	20021011 2110	1	inonuis	(-INFO13 N	Worktim	or (Min )			187	nes (Hrs.)	
-		<del> </del>	JFC/JG/		First	Addti	T	<del> </del>		nes (Hrs.)	A 4.40
31	Source (* FL Change)	Description	ws	First Install		1	Add Dissess	Einst 1 4: 11	First	A -J -JA 1 4 - 11	Addti
32	INPUTS ENGINEERING, Rows 15+16 *M15	ENGINEERING - CPG	4N4X			Install	Addtl Disconnect	<del></del>		Addti Instali	Disconnect
	INPUTS ENGINEERING, Rows 15+16 M15	ENGINEERING - PICS	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
		ENGINEERING - PICS	WS16		0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - PICS		0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
36	INPUTS ENGINEERING, ROW 12 K12	ENGINEERING - AFIG	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, ROW 7 37		JG57 4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS CONNECT&TEST, Rows 14-23 * N14	ENGINEERING - SAC CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS CONNECT&TEST, Rows 14-23 N14	CONNECT & TEST - WMC		0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS CONNECT&TEST, Row 40		4WXX	(0.010)	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
40	INPUTS CONNECT&TEST, Row 44 144	CONNECT & TEST - CO	431X	(i) (a) (e)e)	0.00	19)(0(6)	1.28	0.0000	0.0000	0.0000	0.0213
4.	29+30+31+32+33+34+36 * N29	COMMECT & TEST 1911	444	Ye						1	
41	INPUTS TRAVEL, Row 7	CONNECT & TEST - I&M	411X	March in mountain the march	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
43	SubTotal	TRAVEL - SSI&M and I&M	411X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	Subiotal	1		0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.02

	Α	B	С	Д	E	F	G	Н	_	-	К	L	М	N
	Florida							i						
	Detailed Labor Worktimes				Ĺ									
3	Study Period: 2000-2002													
4														
5	Item/Description					Worktim	es (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)				
	Reviews request and handles request for				AHHHHH									
7	manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	46.00	0.00		0.00	0%	50%				
ı¬	Reviews request and handles request for		***************************************											
	manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	1000	0.00	0%	·		į		
9														
10	Item/Description					Worktim	es (Min.)							
	ADDRESS AND FACILITY INVENTORY (AFIG)	Source	Description	JG/WS	First Install	First Disconnect	Addtl	Addtl Disconnect	Probability (Fallout) - Install	Probability (Fallout) - Disc.	FPSC Staff Recommend Adjustment (100% - Adj)			
۳	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	9.00	8.00	0.00	0%	196	50%			
12	Assigns loop facilities.	MELWOIK	LNGINCERING - AFIG	4M1A	0.00	***************************************	0.00			•	30%			
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JGIWS	First Install	First Disconnect	Addti Install	Addtl Disconnect	Probability First Install	Probability First	Probability Addti	Probability Addtl Disconnect	FPSC Staff Recommend Adjustment (100% - Adj)	
	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	0.00	0.00	0.00	0%	0%	0%	0%	50%	
П	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	0.00	18.00	6.00	0%	0%	0%	0%		
19	NETWORK PLUG-IN ADMINISTRATION (PICS) State-specific % of loops served	Source	Description	JG/WS	First Install	First Disconnect	Addtl Install	Addtl Disconnect	Probability First Install	Probability First Disconnect	Probability Addti Instali	Probability Addtl Disconnect	Worktimes Occur Only on Backorders - Backorder Fallout 3%	FPSC Staff Recommend Adjustment (100% - Adj)
		C C7)												
20	through DLC	((/)	14%		minim		mmmm			-				55%
21	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	#1.90	0.00	15.00	0.00	0%	0%	0%	0%	3%	
22	Clerical functions in connection with handling of plug-in order Problem resolution of plug-in order	Network Network	ENGINEERING - PICS ENGINEERING - PICS	WS16	15.00	0.00	15.90	0.00	0%	0%	0%	0%	3%	
							30.00			0%	0%	0%	3%	

	<del></del>														
⊦⊹	Florida	₽	c	D	E	FF	G	Н		, ,	К	L	М	N	0
_	Detailed Labor Worktimes	<del></del>					<u> </u>		<u> </u>						
	Study Period: 2000-2002	<del></del>	<del></del>				\ <del></del>	<del> </del>	l						
H	Olddy 7 Cilod. 2000-2002	<del></del>			ļ. <del></del>	<del> </del>	<del> </del>		ļ		<b> </b>				
5	Item/Description	<del></del>			<del> </del>	Work	times (Min.)	L	ļ		<u> </u>				
П	Nonae Cooring to					Work	times (Min.)				Not used FOR		<del></del>	L	FPSC Staff
						}	}		(SL177)	(SL2777)	ANYTHING!				Recommend
	Unbundled Network Element Center (UNEC) Work				First	First		Addtl	Probability /	Probability /	Probability /	į			Adjustment
. 6	Activities	Source	Description	JG/WS	Install	Disconnect	Addti install	Disconnect	Reuse	Reuse	Reuse		2W / 4W	Multiplier	(100% - Adj)
7	Provisioning Variables													watapiter	(10070-744))
L		Interconn	CONNECT & TEST -	"						<del>                                     </del>				<del> </del>	
l.	(1) Status/Info (55% of orders at 2.4 min.)	Svcs.	UNEC	4AXX	2.40	2.40	2.40	0.00	0%	<u> </u>				1	
	(2) Facalations (400) of code (4.7.0 cm)	Interconn	CONNECT & TEST -			Ì	ì								
۳	(2) Escalations (12% of orders at 7.2 min.)	Svcs.	UNEC CONNECT & TEST -	4AXX	7.20	7,20	7.20	0.00	0%				_	ì	
10	(3) Assist Calls (6% of orders at 15,6 min.)	Interconn Svcs.	UNEC UNEC	4AXX	15,60	45.00									
۳	(0) Assist Calis (0 M of orders at 15.0 mm.)	Interconn	CONNECT & TEST -	444	15.60	15.60	15.60	0.00	0%	<del> </del>	<u> </u>			<u> </u>	
11	(4) Jeopardy (25% of orders at 1.8 min.)	Svcs.	UNEC	4AXX	1.80	1.80	1.80	0.00	0%					l	
	Total of Worktimes * Probabilities			.,,,,,	0.00				U%	<del> </del>	<del> </del>				
12	Topdomina				0.00	0,00	0.00	0.00							
РΉ	UNEC pulls order information and assigns to work	Interconn	CONNECT & TEST -		munum					000000000000000000000000000000000000000	ļ				
14	groups.	Svcs.	UNEC	4AXX	8.00	9.00	0.00		-						
М	Provisioning variables - when UNEC pulls order	Interconn	CONNECT & TEST -	7^^^	THE SHOWING	 	0.00	0.00	0%	, O%			1.00	: ************************************	55%
15	information (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	5%	0%			4.00		
П	Verifies and ensures accuracy of order design SL2	Interconn	CONNECT & TEST -		0,00		0.00	0.00	#70	4	<del> </del>	<del> </del>	1.00	<del> </del>	
16	ONLY	Svcs.	UNEC	4AXX	3.00	0.00	3.00	0.30	0%	0%			1.00	1	
	Creates cut sheets to verify reuse of facilities SL2	Interconn	CONNECT & TEST -						1		<del> </del>		1.00	<del> </del>	
17	ONLY	Svcs.	UNEC	4AXX	4.00	0.00	4.00	0.00	0%	0%	100%		1.00	i	İ
1 1	_	<b>Intersecut</b>	COMMECA V LEXT					<i>annininini</i>				<i>mummum</i>	uminimum	danamananan da da da da da da da da da da da da da	diminiminimini
18	Staves dispatch				600		0.00	6.00	396	0.6			100		
1	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn	CONNECT & TEST -										·····	<u> </u>	
19	and testing SLZ ONLY	Svcs.	UNEC CONNECT & TEST -	4AXX		0,00		0.00	9%	0%			1.00	1.50	
20	Provisioning variables - testing (Row 12) SL2 ONLY	Svcs.	UNEC	4AXX	0.00	0.00						_			
۳	Tronsorming variables - testing (NOW 12) SEZ ONE!	SVCS.	UNEC	44.	0.00	0.00	0.00	0.00	9%	0%			1.00	1.50	
1 1	Performs manual order coordination (remote call	<del> </del>										,			
	forward, disconnect and unbundled loop order) when	Interconn	CONNECT & TEST -	ı							] .				
21	service is converted on existing facilities SL2 ONLY	Svcs.	UNEC	4AXX		0.00	2000	0.00	0%	0%	100%		1.00	1	
		Interconn	CONNECT & TEST								10070		7.00	<del></del>	
22	UNEC contacts customer and completes order	Svcs.	UNEC	4AXX	10.80	0.00	0.00	0.00	396	0%	Į į	}	1.00	١	1
1	Provisioning Variables - when UNEC contacts customer and completes order (Row 12)		CONNECT & TEST -											t	
143	and completes order (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	5%	£%		L i	1.00	Ì	
24															
25	item/Description					\A2==1	times (Min.)	L	ļ	<u> </u>				L	
П				L	ļ <del></del>	work	curres (MID.)		<del> </del>	350000000000000000000000000000000000000	ļ				
									1						
i i	SPECIAL SERVICES INSTALLATION &	]							1	Probability					FPSC Staff
ΙI	MAINTENANCE (SSI&M) AND INSTALLATION AND	[ i		SSIM JG	IM JG /					Work Activity	Probability,	Probability,			Recommend
26	MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	/WS	WS.	Circl Inchall	First		Addtl	Will Be		Dispatch Rate			Adjustment
	State-specific % of loops served through DLC	=INPUTS-	Description	1003	WS	First Install	Disconnect	Addti Instali	Disconnect	Performed	SL1	SL2	2W / 4W	Multiplier	(100% - Adj)
27	(applies to plug-in work activity)	MISCIC7	14%						1		[				
28		<del>-</del>	<del></del>			·	<del></del>		<del> </del>	<del> </del>					
$\sqcap$		<del></del>	CONNECT & TEST -			iniminiminimini	*******************************		<del></del>	<del></del>					
29	Processes requests	Network	I&M	411X	410X	20.00	0.00	0,00	0.00	200	1				
П			CONNECT & TEST -			***************************************	***		U.UU	0%	100%	100%	1.00		65%
30	Places/removes plug-in at remote terminal	Network	i&M	411X	410X	19:00	0.00	19.00	0.00	6%	100%		4.00	1	
П	_		CONNECT & TEST -				······		•	**************************************	CUV.	100%	1.00	<del> </del>	
31	Places/removes cross-connect at crossbox	Network	i&M	411X	410X	16.00	0.00	16.00	0.00	0%	100%	100%	1.00	1.50	
[ _ [	Charles are in a self-file		CONNECT & TEST -						1	1		LUM 7E	1.00	1.50	
32	Checks continuity and dial tone	Network	I&M	411X	410X	15.00	0.00	15.00	0.00	0%	100%	100%	1.00	1.50	
١,,	Trouble resolution at crossbox	Manuert	CONNECT & TEST -								1			,	
33	Trouble resolution at crossiox	Network	1&M	411X	410X	45.00	0.00	( A + A	0.00		100%	100%	1.00	1.50	

Tests from NID & Tagging loop	Network	CONNECT & TEST		E	F	G	Н		J	K				
Trouble resolution at premises	Network	CONNECT & TEST -		410X	22.00	0.00	23/00	0.00	0%	100%	100%	1.00	N	0
Completes order	Network	CONNECT & TEST -	411X 411X	410X	96.90	0.00	66.00	0.00	0%	100%	100%	1.00	1.50	
Item/Description		TOTAL TOTAL	411X	410X	13.05	0.00	0.00	0.00	0%	100%	100%	1.00	1.50	
			<del> </del>	<del> </del> -	Work	dimes (Min.)								
WORK MANAGEMENT CENTER (WMC)	Source	Description CONNECT & TEST	JG / Ws	First Install	First Disconnect	Addti Instali	Addti Disconnect	WFA-DI Probability						
VMC coordinates dispatched technicians  Item/Description	Network	WMC	4WXX	2.00	0.00	0.00	0.00	9%						· · · · · ·
					Work	times (Min.)								
CENTRAL OFFICE FORCES (CO)  O Field wires circuit at collocation site. SL2 ONLY	Source	Description CONNECT & TEST -	JG / WS	First Install	First Disconnect	Addti Instali	Addti Disconnect	15% Carried in Other Transport Elements		-				
O Field wires circuit at collocation site. SL1 ONLY	Network Network	CO CONNECT & TEST - CO	431X 431X	7.50 7.60	1,50	7.50	1.50	85%	(100% - Adj) 0%					
						7.50	1.50	85%						

·.

	A	В	С	D	E	F	G	Н	1	J	K
1	Florida										
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002			<u> </u>							
4											
5	Item/Description			<u> </u>		Workt	imes (Min.)				
•	SPECIAL SERVICES INSTALLATION				-						
	& MAINTENANCE (SSI&M) AND										ŝ
	INSTALLATION AND					,	1				SL2
	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addti	Addti	SL1 Probability	Probability
6	ACTIVITIES	Source	Description	_/WS	WS	Install	Disconnect	Install	Disconnect	(Dispatch)	(Dispatch)
		:	TRAVEL -								
			SSI&M and								
7	Dispatched to crossbox	Network	I&M	411X	410X	20.00	75 201000755	0.00	0.00	00%	0%

	A	В	C	D	E	F	G	Н
1	Florida							
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	<u>Source</u>	<u>Amount</u>					
7	% DLC	Digital%.xls	3 86%	This taken from BellS	outh resonse t			er)
8					i.e. =	523,191/(523,19	91+3,250,835)	
9	Location Life - 2 wire	Flloclif.xls	43	months				
10								
11								
12								
13	Subscriber Line Testing	FSLT.xls	\$ 0.2642					
14		10000						
15	Network Termining Wire	FLNTW.xls	\$ 0.1638					

#### 10/8/2004

### **Nonrecurring Cost Summary**

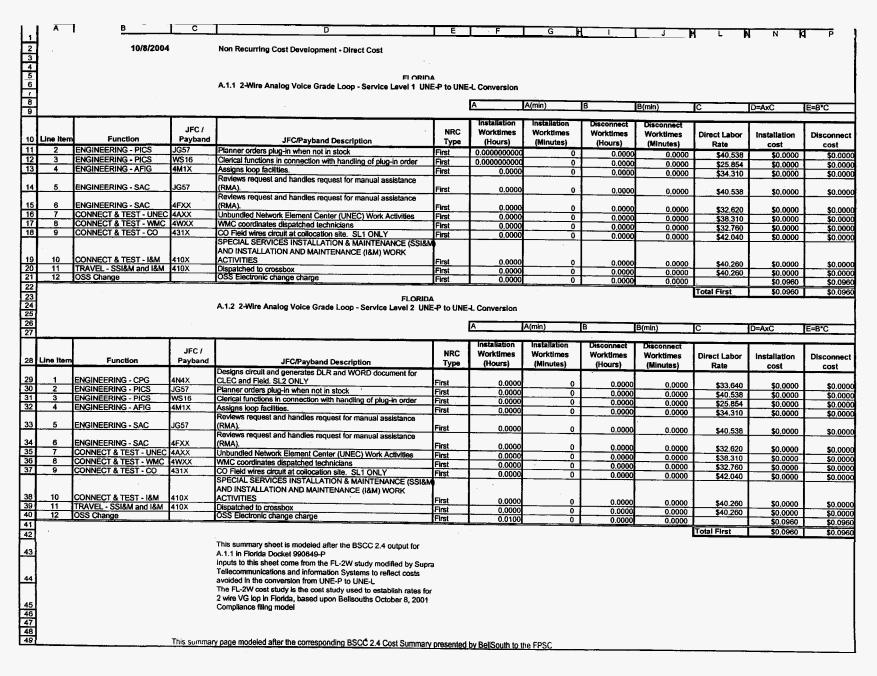
FLORIDA
A.1.1 2-WIRE Analog Voice Grade Loop - Service Level 1

	<u>Ir</u>	nstallation - First		Disco	nnect - 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 Gross Receipts Tax Factor	\$0.0960	\$0.0000	\$0.0960 ( \$1.001713	\$0.0960	\$0.0000	\$0.0960 < \$1.001713
Cost (including Gross Receipts Tax) Common Cost Factor Economic Cost		>	\$0.0962 \$1.0624 \$0.1022		,	\$0.0962 \$1.0624 \$0.1022

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

	<u>Ir</u>	nstallation - First		Discor	nect - 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		×	\$1.001713 \$0.0962
Cost (including Gross Receipts Tax)			\$0.0962			
Common Cost Factor			X\$1.0624		×	\$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



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

	<u>Ir</u>	nstallation - First		Disconne	ct - 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 Gross Receipts Tax Factor	\$0.0960	\$0.0000	\$0.0960 ( \$1.001713	\$0.0960	\$0.0000 X	\$0.0960 \$1.001713
Cost (including Gross Receipts Tax) Common Cost Factor Economic Cost			\$0.0962 \$1.0624 \$0.1022		×	\$0.0962 \$1.0624 \$0.1022

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

#### Non Recurring cost

	<u>l</u> i	nstallation - First		Discor	nect - First	
DESCRIPTION	DIRECT COST	SHARED COST	TELRIC	DIRECT COST	SHARED COST TELI	RIC
Non Recurring Cost Development Reports	\$0.0960	\$0.0000	\$0.0960	\$0.0960	\$0.0000 \$0	0.0960
OTHER EXPENSES Total Cost Gross Receipts Tax Factor Cost (including Gross Receipts Tax)	\$0.0960	\$0.0000	\$0.0960 X \$1.001713 \$0.0962	45.5555	X \$1.0	0.0960 001713 00.0962
Common Cost Factor Economic Cost			\$0.0962 \$1.0624 \$0.1022		X\$1	0.0962 1.0624 0.1022

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

	A	В	С	D	T E	<del></del>	G H			<del></del>	N R	
1					<del></del>		<u> </u>	<u> </u>		1 _ <u>-</u>		
2		10/8/2004		Non Recurring Cost Development - Direct Cost								. ]
3 4 5 6 7 8												
5				FLORID.								}
7				A.1.1 2-Wire Analog Voice Grade Loop - Service Level 1 UN	E-P to UNE	-L Conversion						)
9						A	A(min)	В	B(min)	С	D=AxC	E=B*C
9						Installation	Installation	Disconnect	Disconnect			
			JFC/		NRC	Worktimes	Worktimes	Worktimes	Worktimes	Direct Labor	Installation	Disconnect
10	Line Item 2	Function ENGINEERING - PICS	Payband	JFC/Payband Description	Туре	(Hours)	(Minutes)	(Hours)	(Minutes)	Rate	cost	cost
12		ENGINEERING - PICS	JG57 WS16	Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	First First	0.0000000000	0	0.0000	0.0000	\$40.538	\$0.0000	\$0.0000
13	4	ENGINEERING - AFIG	4M1X	Assigns loop facilities.	First	0.0000	0	0.0000	0.0000	\$25.854 \$34.310	\$0.0000 \$0.0000	\$0.0000
	_			Reviews request and handles request for manual assistance						\$57.510	\$0.0000	\$0.0000
14	5	ENGINEERING - SAC	JG57	(RMA). Reviews request and handles request for manual assistance	First	0.0000	0	0.0000	0.0000	\$40.538	\$0.0000	\$0,0000
15	6	ENGINEERING - SAC_	4FXX	(RMA),	First	0.0000	o	0.0000	0.0000	<b>\$</b> 32.620	\$0.0000	\$0.0000
16	7	CONNECT & TEST - UNEC		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		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 SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M	First	0.0000	0	0.0000	0.0000	\$42.040	\$0.0000	\$0.0000
				AND INSTALLATION AND MAINTENANCE (I&M) WORK	I							
19	10	CONNECT & TEST - I&M	410X	ACTIVITIES	First	0.0000	0	0.0000	0.0000	\$40.260	\$0.0000	\$0.0000
20 21	11	TRAVEL - SSI&M and I&M OSS Change	410X	Dispatched to crossbox OSS Electronic change charge	First First	0.0000	0	0.0000	0.0000	\$40.260	\$0.0000	\$0.0000
22		Tood Shange		Oce Electricity change	Triist	0.0000	0	0.0000	0.0000	Total First	\$0.0960 \$0.0960	\$0.0960
23				FLORID	Α.					Total First	\$0.0960	\$0.0960
24				A.1.2 2-Wire Analog Voice Grade Loop - Service Level 2 UN	E-P to UNE	-L Conversion						
22 23 24 25 26												
27						Α	A(min)	В	B(min)	С	D≈AxC	E=B*C
			l	l		installation	Installation	Disconnect	Disconnect			
28	Line Item	Function	JFC /	IEC/Dayband Description	NRC	Worktimes	Worktimes	Worktimes	Worktimes	Direct Labor	Installation	Disconnect
28	Line Item	Function	JFC / Payband	JFC/Payband Description	NRC Type					Direct Labor Rate	Installation cost	Disconnect cost
29	1	ENGINEERING - CPG	Payband 4N4X	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY		Worktimes	Worktimes (Minutes)	Worktimes (Hours)	Worktimes (Minutes)	Rate	cost	cost
29 30	1 2	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock	Type First	(Hours) 0.0000 0.0000	Worktimes (Minutes)	Worktimes	Worktimes (Minutes) 0.0000 0.0000			
29 30 31	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order	First First	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0 0	(Hours)  0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000
29 30 31 32	1 2 3	ENGINEERING - CPG ENGINEERING - PICS	Payband 4N4X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities.	Type First	(Hours) 0.0000 0.0000	Worktimes (Minutes)	(Hours) 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000	\$33.640 \$40.538	\$0.0000 \$0.0000	\$0.0000 \$0.0000
29 30 31	1 2 3	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS	Payband 4N4X JG57 WS16	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).	First First	Worktimes (Hours) 0.0000 0.0000 0.0000	Worktimes (Minutes) 0 0	(Hours)  0.0000 0.0000 0.0000	0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854	\$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000
29 30 31 32 33	1 2 3 4	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC	Payband 4N4X JG57 WS16 4M1X JG57	Designs circuit and generates DLR and WORD document for CLEC and Field, SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance	Type First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
29 30 31 32	1 2 3 4 5	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG	Payband  4N4X JG57 WS16 4M1X JG57  4FXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA).	Type First First First First First First	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	Worktimes (Hours) 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field. SL2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians	Type First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620 \$38.310	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
29 30 31 32 33 34 35	1 2 3 4 5 6 7	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC	Payband  4N4X JG57 WS16 4M1X JG57 4FXX 4AXX	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians.  CO Field wires circuit at collocation site. SL1 ONLY	Type First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000	\$33.640 \$40.538 \$25.854 \$34.310 \$40.538 \$32.620	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36	1 2 3 4 5 6 7 8	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - WMC	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M SPECIAL SERVICES INSTALLA	Type First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNIC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$L1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES	Type First First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. \$1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&A AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$38,310 \$32,760	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNIC CONNECT & TEST - CO CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$L1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES	Type  First First First First First First First First First First First First First	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. \$1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&A AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,760 \$32,760 \$42,040	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians  CO Field wires circuit at collocation site. \$1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&A AND INSTALLATION AND MAINTENANCE (ISSI&A AND INSTALLATION AND MAINTENANCE (ISSI&A CTIVITIES Dispatched to crossbox OSS Electronic change charge	Type First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  This summary sheet is modeled after the BSCC 2.4 output for A.1.1 in Florida Docket 990649-P	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supringer Services and the property of the	Type First First First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
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29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field, St.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians.  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Dispatched to crossbox  OSS Electronic change charge  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 Supt 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 wire Vel puter S October 8, 2001	Type  First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES Dispatched to crossbox OSS Electronic change charge  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 Supt 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	Type  First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16 4M1X JG57  4FXX 4AXX 4WXX 431X	Designs circuit and generates DLR and WORD document for CLEC and Field, St.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians.  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Dispatched to crossbox  OSS Electronic change charge  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 Supt 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 wire Vel puter S October 8, 2001	Type  First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes) 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 31 32 33 34 35 36 37 38 39 40 41 42 43 44 44 45 46 47 48	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16  4M1X JG57  4FXX 4AXX 44WXX 431X  410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field. \$1.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA). Reviews request and handles request for manual assistance (RMA). Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians CO Field wires circuit at collocation site. \$1.1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISM) WORK ACTIVITIES DIspatched to crossbox OSS Electronic change charge  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 Supr Tellecommunications and information Systems to reflect costs avoided in the conversion from UNE-P to UNE-1. The FL-2W cost study is the cost study used to establish rates fo 2 wire VG lop in Florida, based upon Bellsouths October 8, 2001 Compliance filling model	Type  First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000
29 30 31 32 33 34 35 36 37 38 39 40 41 42 43	1 2 3 4 5 6 7 8 9	ENGINEERING - CPG ENGINEERING - PICS ENGINEERING - PICS ENGINEERING - AFIG ENGINEERING - SAC ENGINEERING - SAC CONNECT & TEST - UNICC CONNECT & TEST - CO  CONNECT & TEST - CO  CONNECT & TEST - CO	Payband  4N4X JG57 WS16  4M1X JG57  4FXX 4AXX 44WXX 431X  410X 410X	Designs circuit and generates DLR and WORD document for CLEC and Field, St.2 ONLY Planner orders plug-in when not in stock Clerical functions in connection with handling of plug-in order Assigns loop facilities. Reviews request and handles request for manual assistance (RMA).  Reviews request and handles request for manual assistance (RMA).  Unbundled Network Element Center (UNEC) Work Activities WMC coordinates dispatched technicians.  CO Field wires circuit at collocation site. SL1 ONLY SPECIAL SERVICES INSTALLATION & MAINTENANCE (ISSI&M AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES  Dispatched to crossbox  OSS Electronic change charge  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 Supt 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 wire Vel puter S October 8, 2001	Type  First First First First First First First First First First First First First First First	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Worktimes (Hours)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	Worktimes (Minutes)  0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000	\$33,640 \$40,538 \$25,854 \$34,310 \$40,538 \$32,620 \$33,310 \$42,040 \$40,260 \$40,260	\$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000 \$0.0000	\$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000 \$0,0000

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1		CALCULATOR IN	PUT FORM - RECURRING EXPENSES DATA			<u>-</u>
2						
3		Instructions:				
4		1. Use this works	heet to record recurring non-labor expenses t	o be input into the		
5		Calculator calcu	ulations.			
6		2. All amounts sh	own are per unit (e.g., per call, per loop, per M	IOU).		
7		3. Input data, by 0	Cost Element, leaving no blank lines. On next	row		
8			data, type END in Cost Element Column.			
9		4. All data on this	form should be cell-referenced to study work	papers.		
10			e columns, headings, sheet name.			
11						
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14			·	Recurring	Recurring	
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16		Cost	Expense Description	Sensitive	Insensitive	
17	State	Element #	(Limited to 25 characters)	\$ Amount	\$ Amount	
18		A.1.1	Subscriber Line Testing	0.2642		
215		A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412		A.1.2	Subscriber Line Testing	0.2642		
609		A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
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Subsequent Subsequen	Initial	Initial	Additional	Additional	First	First	v/ one NR)							17
Installation Disconnec	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation	Disconnect	Installation			Cost			18
Time Time	Time	Time	Time	Time	Time	Time	Time	Time	JFC/	Labor Expense Description	Element	Cost		19
(Hours) Hours	Hours	(Hours)	<u>Hours</u>	(Hours)	Hours	(Hours)	Hours	(Hours)	Payband	(Limited to 25 characters)	Life (Mo)	Element #	State	20
			-	_		-			JG57	ENGINEERING - PICS	43	A.1.1	FL	21
			-	-	<u> </u>	-			WS16	ENGINEERING - PICS	43	A.1.1	FL	22
			-	-		-			4M1X	ENGINEERING - AFIG	43	A.1.1	FL	23
			-	-	<u> </u>	<u>-</u>			JG57	ENGINEERING - SAC	43	A.1.1	FL	24
				-					4FXX	ENGINEERING - SAC	43	A.1.1	FL	25
			-	-					4AXX	CONNECT & TEST - UNEC	43	A.1.1	FL	26
			-	-	-				4WXX	CONNECT & TEST - WMC	43	A.1.1	FL	27
				-	-	-			431X	CONNECT & TEST - CO	43	A.1.1	FL	28
			-	-	-	-			410X	CONNECT & TEST - I&M	43	A.1.1	FL	29
				-		-			410X	TRAVEL - SSI&M and I&M	43	A.1.1	FL	30
						0.0100				OSS Electronic change charge				31
<del></del>			-	-	-	-			4N4X	ENGINEERING - CPG	43	A.1.2	FL	32
				-	-	-			JG57	ENGINEERING - PICS	43	A.1.2	FL	33
+			-	-		-			WS16	ENGINEERING - PICS	43	A.1.2	FL	34
<del></del>				-	-	-			4M1X	ENGINEERING - AFIG	43	A.1.2	FL	35
				-	-	-			JG57	ENGINEERING - SAC	43	A.1.2	FL	36
	· · · · · · · · · · · · · · · · · · ·		-	-					4FXX	ENGINEERING - SAC	43	A.1.2	FL	37
			_	-	-				4AXX	CONNECT & TEST - UNEC	43	A.1.2	FL	38
<del></del>	<u> </u>			-	-	_			4WXX	CONNECT & TEST - WMC	43	A.1.2	FL	39
			0.0213	-	-				431X	CONNECT & TEST - CO	43	A.1.2	FL	40
			0.0218	-	_	-			411X	CONNECT & TEST - I&M	43	A.1.2	FL	41
<del></del>				-		_			411X	TRAVEL - SSI&M and I&M	43	A.1.2	FL	42
<del></del>		<del> </del>	<del></del>			0.0100								43
						2.0100						END		44
	<del> </del>													45
									nent#	Maximum of 25 entries per Cost Elem				46
	-								nent#	Maximum of 25 entries per Cost Elem				46

	Α	В	C	D	E	F	G	н			
1	Florida	<del></del>					<del></del>				КК
	Nonrecurring Worktimes	<del> </del>	<del></del>				<del> </del>	<del></del> i			
	Study Period: 2000-2002										
4	Olddy 1 Chod. 2000-2002	<del> </del>		1			<del> </del>				
-5	A.1.1	2-Wire Analog Voice Grade Lo	on - Service L	ovel 4							
6	0.1.1	2-11116 Allalog Voice Glade Lo	ob - Service Fe	evel (			l	<del> </del>			
7	Lasettes 1 %			/ INIDIJEO 1							
8	Location Life	43	months	(=INPUTS_M		4	L				
8			150/10/	<del> </del>	Worktime			ļ		nes (Hrs.)	
		<b>.</b>	JFC / JG /		First	Addtl		<u> </u>	First		Addtl
9	Source (* FL Change)	Description	WS	First Install		Install	Addtl Disconnect		Disconnect	Addti instali	Disconnect
10	N/A	ENGINEERING - CPG	4N4X	0	0	0	0	0	00	0	0
1	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
	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
	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS_ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	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
	INPUTS CONNECT&TEST WMC, Row 40 * 140	CONNECT & TEST - WMC	4WXX	\$ 70.00 W	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
						A	* * * * * * * * * * * * * * * * * * *				
	INPUTS_CONNECT&TEST I&M, Rows 29-36 * N29	CONNECT & TEST - I&M	410X	~400.000 ·-	0.00	0.00*	0.00	0.0000	0.0000	0.0000	0.0000
	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			<u> </u>								
	Florida										
	Nonrecurring Worktimes										
25	Study Period: 2000-2002										
26			1			-					
27	A.1.2	2-Wire Analog Voice Grade Lo	op - Service L	evel 2							·
28							<u> </u>				
29	Location Life	43	months	(=INPUTS N	AISCIC9)	<del>                                     </del>		<del> </del>			
30				1	Worktim	es (Min.)	<del></del>		Worktin	nes (Hrs.)	L
			JFC/JG/	<del>                                     </del>	First	Addtl	1		First	1103 (1113.)	Addtl
31	Source (* FL Change)	Description	ws	First Install		Install	Addtl Disconnect	First Install		Addti instali	Disconnect
	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
	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
	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
	INPUTS ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 8 * J7	ENGINEERING - SAC	4FXX	0.00	0.00	0.00	0.00	0.0000			0.0000
	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
	INPUTS CONNECT&TEST, Row 44 * 144	CONNECT & TEST - CO	431X		0.00			0.0000	0.0000	0.0000	0.0000
_	INPUTS CONNECT&TEST, Rows	33/11201 & 1231 - 60	401/	22.0		UXUU	1.20	0.0000	0.0000	0.0000	0.0213
41	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
	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	SubTota		411	0.00							
				0.00	0.00	0.00	1.28	0.00	0.00	0.00	0.02

$\Box$	^	В	С	D	E	F	G	Н	- t	j	K	L	М	N
	Florida													
2	Detailed Labor Worktimes													
3	Study Period: 2000-2002													
4														
5	Item/Description					Worktim	es (Min.)							
~										FPSC Staff				
1		į		!	1	\	1			Recommend		i		
. 1					First	First	Addti	Addtl	Probability	Adjustment (100%			1	
اءا	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	Install	Disconnect	Install	Disconnect	(Fallout)	- Adl)				
	Reviews request and handles request for				THINING.	<u> </u>	unnin.							
	manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00		0.00	6%	50%		i	1	
~	Reviews request and handles request for						iiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiiii							
	manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.60	0.00	35000	0.00	0%		i		í	
<del>, ,  </del>	manage addition (1 the y													
10	Item/Description					Worktim	es (Min.)			1				
-10	Remonstration	· · · · · · · · · · · · · · · · · · ·					,				FPSC Staff			
ιI				ŀ	l		ļ		D	}				
( )		i							Probability		Recommend		{	
1 1	ADDRESS AND FACILITY INVENTORY				First	First	Addtl	Addtl	(Fallout) -	Probability	Adjustment			
11	(AFIG)	Source	Description	JG/WS	Instali	Disconnect	Install	Disconnect	Install	(Fallout) - Disc.	(100% - Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	9.00	8.00	5.00	0%	.0%	50%			
13									<del>  </del>					
П		i		1	1	1			Į.				`	
					1		]						FPSC Staff	
												Prebability	Recommend	
				1	First	First	Addtl	Addtl	Probability	Probability First	Probability Addtl	Addtl	Adjustment	
14	CIRCUIT PROVISIONING GROUP (CPG)	Source	Description	JG / WS	Install	Disconnect	Install	Disconnect	First install	Disconnect	Install	Disconnect	(100% - Adj)	
	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	₫.60	0.00	0.00	0%	0%	0%	0%	50%	
	Designs circuit and generates DLR and													
	WORD document for CLEC and Field.			ļ	1		1		1				1	
	SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	2.00	18.00	0.00	0%	0%	0%	9%	-	
177					1	1	1							
10														
													Worktimes	
1					1						i		Occur Only on	FPSC Staff
												Probability	Backorders -	Recommend
	NETWORK PLUG-IN ADMINISTRATION				First	First	Addtl	Addtl	Probability	Probability First	Probability Addti		Backorder	Adjustment
19		Source	Description	JG/WS	Install		instali	Disconnect	First Install	Disconnect	install	Disconnect	Fallout 3%	(100% - Adj)
	State-specific % of loops served	=(INPUTS MIS					1		1					
	through DLC	C C7)	14%											55%
۳	in orgination				dillillilli	4	THIIIIIII							
	Dianner orders plug in when not in stock	Network	ENGINEERING - PICS	JG57	15 90	0.00	18.00	0.00	0%	0%	0%	0%	3%	
	Planner orders plug-in when not in stock Clerical functions in connection with	Network	LINGINGERING - PICS	Judor.		0.00		0.00	0.70	070	U70	U70	370	
		Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
	handling of plug-in order Problem resolution of plug-in order	Network	ENGINEERING - PICS	WS16		0.00	90.00	0.00	0%	0%	0%	0%	3%	

		·													
_	Α	В	С	D	E	F	o	Н			K	L	M	N	0
	Florida														
	Detailed Labor Worktimes														
3	Study Period: 2000-2002														
+	Item/Description					Work	times (Min.)	L						<b> </b>	
9	item/Description				<u> </u>	WOLK	(MITTES (MITT.)							L	
	Unbundled Network Element Center (UNEC) Work Activities	S	Decodetion	ic /we	First Install	First Disconnect	Addti Instali	Addtl	(SL177) Probability /	(SL2777) Probability /	Not used FOR ANYTHINGI Probability /				FPSC Staff Recommend Adjustment
<u>ٿ</u>		Source	Description	JG/WS	instan	Disconnect	Addti instali	Disconnect	Reuse	Reuse	Reuse		2W / 4W	Multiplier	(100% - Adj)
1	Provisioning Variables	Into many	CONNECT & TEST -											ļ	
a	(1) Status/Info (55% of orders at 2.4 min.)	Interconn Svcs.	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%						
,,	(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	UNEC pulls order information and assigns to work groups.	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	8.00	9.90	0.00	0.00	0%	598			1.00		55%
Г	Provisioning variables - when UNEC pulls order information (Row 12)	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX	0.00	0.00	0.00	0.00	196	9%		1	1,00		∓# <b>!</b>
Г	Verifies and ensures accuracy of order design SL2	Interconn	CONNECT & TEST -							1					
16	ONLY	Svcs.	UNEC	4AXX	3.00	0.00	3.00	0.0 <b>C</b>	0%	9%			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	Brewen dispetor	Intercorn Sect	COMPRETATEST	****	6.00	0.60	0.60	6.96	<b>2%</b>	0%			100		
19	Performs frame continuity and due date coordination and testing SL2 ONLY	Interconn Svcs.	CONNECT & TEST - UNEC	4AXX		0.00	53.66	0.00	9%	0%			1.00	1.50	
Г		Interconn	CONNECT & TEST -												
120	Provisioning variables - testing (Row 12) SL2 ONLY Performs manual order coordination (remote call	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0,00	- 0%	0%			1.00	1.50	
	forward, disconnect and unbundled loop order) when	Interconn	CONNECT & TEST -												
21	service is converted on existing facilities SL2 ONLY	Svcs.	UNEC CONNECT & TEST -	4AXX		0.00	20.00	0.00	5%	0%	100%		1.00		
22	UNEC contacts customer and completes order	Svcs.	UNEC	4AXX	10.80	Ø:00	0.00	0.00	5%	0%		į į	1.00		
	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	9%				1.00		
Ī.,															
24	ttem/Description					Work	times (Min.)	L		ļ					
٢	SPECIAL SERVICES INSTALLATION &						, (J-1116)			Probability Work Activity	Probability,	Probability.			FPSC Staff Recommend
20	MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG	IM JG / WS	First install	First Disconnect	Addti instali	Addtl Disconnect	Will Be	Dispatch Rate	Dispatch Rate	mu / 411		Adjustment
۳	State-specific % of loops served through DLC	≈INPUTS-	Description	1113	113	r not install	DISCONNECT	Addit Install	Disconnect	Performed	SL1	5LZ	2W / 4W	Multiplier	(100% - Adj)
27	(applies to plug-in work activity)	MISCIC7	14%							1					
28															
29	Processes requests	Network	CONNECT & TEST -	411X	410X	20.00	0.00	0.00	0.00	0%	100%	100%	1.00		65%
Г	Places/removes plug-in at remote terminal	Network	CONNECT & TEST -	411X	410X	19:00	0.00	1910	0.00	0%	100%	100%	1.00		
Γ	Places/removes cross-connect at crossbox	Network	CONNECT & TEST -	411X	410X	16.96	0.00	16.96	0.00	0%	100%	100%	1.00	1.50	
Γ	Checks continuity and dial tone	Network	CONNECT & TEST -	411X	410X	15.90	0.00	19.00	0.00						
Г		Network	CONNECT & TEST -		1					0%	100%	100%	1.00	1.50	
33	Trouble resolution at crossbox	Network	I&M	411X	410X	***	0.00	(	0.00		100%	100%	1.00	1.50	L

	Α	В	С	D	E	F	G	Н	i	J	К		М	N	0
	T. A. A. MID A. T		CONNECT & TEST -												
34	Tests from NID & Tagging loop	Network	I&M CONNECT & TEST -	411X	410X	22.00	0.00	23.90	0.00	0%	100%	100%	1.00	1.50	
35	Trouble resolution at premises	Network	I&M	411X	410X	96.90	0.00								
1	Trouble resolution at premises	THERMOTE	CONNECT & TEST -	4111	4107		0.00	XXXXX	0.00	0%	100%	100%	1.00	1.50	
36	Completes order	Network	1&M	411X	410X	19.00	0.00	0.00	0.00	0%	100%	100%	1.00		
37						, and the same of			- 5.00	- 070		1000	1.00		
38	Item/Description					Work	imes (Min.)						<del> </del>		
1						-									
1					First	First		Addtl	WFA-DI			İ	}		
39	WORK MANAGEMENT CENTER (WMC)	Source		JG / WS	Install	Disconnect	Addtl Install	Disconnect	Probability			1			
			CONNECT & TEST -												
40	WMC coordinates dispatched technicians	Network	WMC	4WXX	2,00	0.00	0.00	0.00	0%			ł			
41												-			
42	Item/Description	<del> </del> -				Work	imes (Min.)								
		İ													
										FPSC Staff					
									15% Carried in	Recommend					
					First	First		Addtl	Other Transport	Adjustment		1	1		
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	Install	Disconnect	Addti install	Disconnect	Elements	(100% - AdJ)		1			
L.,	CO Field wires circuit at collocation site. SL2 ONLY	Natural	CONNECT & TEST -	40.47											
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CO CONNECT & TEST -	431X	7,50	1.50	7.50	1.50	85%	0%					
45	CO Field wires circuit at collocation site. SL1 ONLY	Network	CO CO	431X	7,80	1.50	7,50	1.50	85%						
46	The state of the s			701/		1.50			00%						

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	1	U	U	U	E	F	G	Н	l	J	K
1	Florida										
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002										
4										i	
	Item/Description					Workt	imes (Min.)				
	ISPECIAL SERVICES INSTALLATION										
	& MAINTENANCE (SSI&M) AND										
	INSTALLATION AND										
	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addti	Addti	SL1 Probability	Probability
6	ACTIVITIES	Source	Description	/WS	_ws	Install	Disconnect	Install	Disconnect	(Dispatch)	(Dispatch)
			TRAVEL -						,		
			SSI&M and								
17	Dispatched to crossbox	Network	I&M	411X	410X	20.00	0,000	0.00	0.00	#1926-244-14	0%

	A	В	С	D	E	F	G	H
1	Florida							
2	Miscellaneous Inputs							
3	Study Period: 2000-2002							
4								
5								
6	Input Description	Source	<u>Amount</u>				,	
7	% DLC	Digital%.xls	#13,#13,86%	This taken from Bell	South resonse t	o interof 20-24 UI	DLC/(UDLC+Coppe	∍r)
8					i.e. =	523,191/(523,19		
9	Location Life - 2 wire	Flloclif.xls	43	months				
10						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		76
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

Docket No. 040301-TP
David A. Nilson
EXHIBIT DAN - 5

11/22/2000 - BellSouth UNE-P Loop
Concentration document for CLECs' Unbundled
Loop Concentration CLEC Information Package,
V. 1

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

#### Non Recurring cost

#### Installation - First

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

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

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

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

	JFC /		NRC	Installation Worktimes	Installation Worktimes	Direct Labor	Installation
Function	Payband	JFC/Payband Description	Type	(Hours)	(Minutes)	Rate	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
		Reviews request and handles request for manual assistance					
ENGINEERING - SAC	JG57	(RMA).	First	0.0000	0	\$40.538	\$0.0000
		Reviews request and handles request for manual assistance					
ENGINEERING - SAC	4FXX	(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
		SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&	M)				
		AND INSTALLATION AND MAINTENANCE (I&M) WORK					
CONNECT & TEST - I&M	410X	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

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

	A	В	С	D	E	F	G	Н		J	l K	1
1	Florida				<del></del>		<u>-</u>		· ·		<del>                                     </del>	<del></del>
2	Index Shee	 t				<del></del>					<del> </del> -	<del> </del>
3	Study Perio	d: 2000-20	002	Н						<u></u>	<del> </del> -	<del>                                     </del>
4												
5				П								<del> </del>
6												1
7								†····				1
8											<del> </del>	
9			Sheet Name:		Description:						1	
10			Index		2-Voice Grade Lo	op - SL1 an	d SL2 UNE	-P To UNE	L Conversion	on		1
11		A	dditives_Recurring		CALCULATOR IN							
12		N	Nonrecurring Labor		CALCULATOR IN	PUT FORM	1 - NONRE	CURRING L	ABOR TIM	ES		
13			WP100		Nonrecurring Wor	ktimes						
14			S_ENGINEERING		Detailed Labor Wo	orktimes						
15			CONNECT&TEST		Detailed Labor Wo	orktimes						
16	L		INPUTS_TRAVEL		Detailed Labor Wo							
17			INPUTS_MISC		Miscellaneous Inp	uts						,
18												
19												
20												
21												
22					Version 1.0 - 12/2							
23					Modified by Supra	Telecomm	unications	and Informa	tion System	s Inc.		
24					Concept that this	study ONLY	considers	copper / UI	DLC UNE-L	loops confi	remed 04-0	301
25 26 27					BST respons	e to Supra	Int. #4. No	IDLC provis	sioning shou	ld be includ	ded.	
26					Version 2.0 - 10/0	08/2004						. ————
27					Based upon	Deposition	of Caldwell	and 9/24/04	Ainsworth	Depo		

Index

Study Date: 09/2001

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

	Α	В	С	D	E	F
1		CALCULATOR INP	UT FORM - RECURRING EXPENSES DATA			
2						
3		Instructions:				
4		1. Use this worksho	eet to record recurring non-labor expenses t	o be input into the		
5		Calculator calcula	ations.			
6		2. All amounts sho	wn are per unit (e.g., per call, per loop, per M	IOU).		
7			est Element, leaving no blank lines. On next	row		-
8			lata, type END in Cost Element Column.			
9			orm should be cell-referenced to study work	papers.		
10		5. Do NOT change	columns, headings, sheet name.			
11			·			
12		·	·			
13						
14				<u> </u>		
15						
16		Cost	Expense Description	Sensitive	Insensitive	
17	<u>State</u>	Element #	(Limited to 25 characters)	\$ Amount	\$ Amount	
18	FL_	A.1.1	Subscriber Line Testing	0.2642		
215		A.1.1	Total Monthly Cost Per Access Line - NTW	0.1638		
412		A.1.2	Subscriber Line Testing	0.2642		
609		A.1.2	Total Monthly Cost Per Access Line - NTW	0.1638		
806						
807		END				
808						
809			Maximum 10 entries per Cost Element #			

⊢┼	Α	B	C	D	E	F	G	Н	!	J	K	L	M	N	0	P
1		CALCULATO	JK INPUT FC	ORM - NONRECURRING LABOR TIME	:S											
3		Instructions				<u> </u>									·	<b></b>
4				record nonrecurring labor times to I	(	a the Calculate										
5				e per unit (e.g., per call, per loop, pe		o the Calculato	r carculations.	<del></del>								ļi
6		3. Innut data	by Cost Fl	ement, leaving no blank lines. On no	r MOUJ.							<u></u>				
171		after last li	ne of data t	ype END in Cost Element Column.	ALTOW					<del> </del>					<del></del>	
18		A All data ou	n this form s	hould be cell-referenced to study we												<del></del>
9		5. Do NOT o	hange colur	nns, headings, sheet name.	orkpapers.										·	<del></del>
10				then cost element has a single nonre	curring co	et: use column	HIJAKfor	r elements wit	h a first				·			
11		and addi	tional nonre	curring cost; use columns L, M, N &	O for elem	ents with an in	tial and subsec	ment nonrect	irding coet	·					<del> </del>	
12				fe (in months) on first row of data fo											<del> </del>	<del></del>
13		· input		the first monday on more ton or data to		Colonia icio		is report on t	acii iiio.				<del></del>			<del></del>
14															<del> </del>	
	Study M	id-Point Date	(Mos.)	6/1/2001												
16				,												
17						(For use v	v/ 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)	(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					•		-	l			
31	FL	A.1.2	43	ENGINEERING - CPG	4N4X					-						
32	FL	A.1.2	43	ENGINEERING - PICS	JG57			<u> </u>	<u> </u>	-		-				
33	FL	A.1.2	43	ENGINEERING - PICS	WS16			<u>.</u>			-	-				
34	FL	A.1.2	43	ENGINEERING - AFIG	4M1X			<u> </u>		-	-	-				
35	FL	A.1.2	43	ENGINEERING - SAC	JG57	<del></del>			<u> </u>		•	-				
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		CONNECT & TEST - I&M	411X						-	-				
41	FL	A.1.2	43	TRAVEL - SSI&M and I&M	411X	1		-	<u> </u>	-		-				
42			1													
43 44		END			-					ļ						
45			·	Manifester of OF antiday and Co.				ļ	·							
45				Maximum of 25 entries per Cost Elem	ent#	<u> </u>	L	L				1				

	Α	B	С	D	E	F	G	н	1	J	K
1	Florida										
2	Nonrecurring Worktimes										
3	Study Period: 2000-2002					<u></u> _					
4											
5	A.1.1	2-Wire Analog Voice Grade Loc	op - Service Le	evel 1							
6											
7	Location Life	43	months	(=INPUTS M	ISCIC9)						
8					Worktim	es (Min.)			Worktin	nes (Hrs.)	
$\Gamma$			JFC / JG /		First	Addtl			First		Addtl
9_	Source (* FL Change)	Description	ws	First Install	Disconnect	Install	Addtl Disconnect	First Install	Disconnect	Addti instali	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
	INPUTS_CONNECT&TEST UNEC, Rows										
15	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 * 140	CONNECT & TEST - WMC	4WXX	7 0.06 PK	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
				100							
	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			<u> </u>	L			<u> </u>				

	ΑΑ	В	С	D 1		T =					
22	Florida					<del></del>	G	н		J	K
23	Nonrecurring Worktimes		İ	<del>   </del>		<del> </del>	<del> </del>				
24	Study Period: 2000-2002						<del> </del>				
25											
26	A.1.2	2-Wire Analog Voice Grade Lo	op - Service L	evel 2			<del> </del>	1			
27			1			-	<del> </del>	l			
28	Location Life	43	months	(=INPUTS M	IISCICO)		<del> </del>	<del></del>			
29					Worktim	es (Min.)	l	<del> </del>	Worktin	nes (Hrs.)	
			JFC/JG/		First	Addti		т	First		Addtl
30	Source (* FL Change)	Description	ws	First Install	Disconnect		Addtl Disconnect	First Install		Addtl Install	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
	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
	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
	INPUTS_ENGINEERING, Row 12 * K12	ENGINEERING - AFIG	4M1X	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	INPUTS ENGINEERING, Row 7 * J7	ENGINEERING - SAC	JG57	0.00	0.00	0.00	0.00	0.0000	0.0000	0.0000	0.0000
	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
	INPUTS CONNECT&TEST, Row 40	CONNECT & TEST - WMC	4WXX	0.06 R	0.00	0.00	0.00	0.0010	0.0000	0.0000	0.0000
39	INPUTS_CONNECT&TEST, Row 44 * 144	CONNECT & TEST - CO	431X	17.00	12.75	8.50	5.95	0,2833	0.2125	0.1417	0.0992
	INPUTS_CONNECT&TEST, Rows			4				1.2300	J 120		0.0332
	29+30+31+32+33+34+36 * N29	CONNECT & TEST - I&M	411X	- 4 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

Ы				В	E	F	G	H	<u>'</u>	)	K	L	M	N N
	Fiorida			ļ										
	Detailed Labor Worktimes													
	Study Period: 2000-2002													
ĮΠ														
L .	item/Description					Worktim	es (Min.)							
1														
1						i							1	
	İ	ı	7		i i				}	FPSC Staff				
(		1								Recommend			1	
		l		į .	First	First	Addtl	Addti	Probability	Adjustment (100%				
8	SERVICE ADVOCACY CENTER (SAC)	Source	Description	JG / WS	Install	Disconnect	instali	Disconnect	(Fallout)	- Adj)		'		
М	Reviews request and handles request for													
7 1	manual assistance (RMA).	Network	ENGINEERING - SAC	JG57	45.00	0.00	45.00	0.00	9%	50%				
г	Reviews request and handles request for													
8 1	manual assistance (RMA).	Network	ENGINEERING - SAC	4FXX	15.00	0.00	15.00	0.00	0%		}			
Г														
ħ.,	Item/Description				1	Worktim	es (Min.)							
М											FPSC Staff			
1 1									Probability					
1 1				ł							Recommend		İ	
l I	ADDRESS AND FACILITY INVENTORY	_			First	First	Addtl	Addtl	(Fallout) -	Probability	Adjustment (100% -			
11	(AFIG)	Source	Description	JG/WS	Install	Disconnect	Install	Disconnect	Install	(Fallout) - Disc.	Adj)			
12	Assigns loop facilities.	Network	ENGINEERING - AFIG	4M1X	8.00	7.00	8.00	7.00	0%	0%	50%			
13									<u> </u>	<u> </u>				
1 1				1		1		1	1	,				
1 1				ì	i	i i			1				FPSC Staff	
1 1				l	1	1		Į .		}		Probability	Recommend	
L	CIRCUIT PROVISIONING GROUP			)	First	First	Addtl	Addti	Probability	Probability First	Probability Addtl	Addtl	Adjustment	
14	(CPG)	Source	Description	JG/WS	Install	Disconnect	Instali	Disconnect	First Install	Disconnect	Install	Disconnect	(100% - Adj)	
	Processes request SL2 ONLY	Network	ENGINEERING - CPG	4N4X	15.00	15.00	0.00	0.00	0%	U%.	D%	0%	50%	
	Designs circuit and generates DLR and			1	1	15.55								
1	WORD document for CLEC and Field.			Í	ĺ					1	1		,	
	SL2 ONLY	Network	ENGINEERING - CPG	4N4X	18.00	4.00	18,00	4.00	0%	0%	0%	2%		
17					T									
18					1									
												-	Worktimes	
, ,				1				1	1	1				
1 1	·			1	1	1		ì	l				Occur Only on	FPSC Staff
1					l							Probability	Backorders -	Recommend
	NETWORK PLUG-IN	_			First	First	Addtl	Addti	Probability	Probability First	Probability Addtl	Addti	Backorder	Adjustment
19	ADMINISTRATION (PICS)	Source	Description	JG/WS	install	Disconnect	instali	Disconnect	First install	Disconnect	install	Disconnect	Fallout 3%	(100% - Ad))
	State-specific % of loops served	=(INPUTS_MI							Į			Į.		
20	through DLC	SC C7)	55%	L										55%
1										1				
	Planner orders plug-in when not in stock	Network	ENGINEERING - PICS	JG57	16.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	
21		7102770111												
21	Clerical functions in connection with	7,00,777												
П		Network	ENGINEERING - PICS	WS16	15.00	0.00	15.00	0.00	0%	0%	0%	0%	3%	

	A		c	p	E	F	G	н			K I	L P	M	
2 Detaile											<del></del>			N N
	Labor Workings										<del>-</del>			
4 5	Period: 2000-2002						<del></del>							
5	F 44 (Od. 2000-2002			<del></del>		—————					<del>}</del>			
<del>   </del>	Item/Description					Wadd	mes (Min.)							<u> </u>
	Kanapascription		<del></del>			WOIKE	ines (min.)				<del>+</del>			<del></del>
Unbu	undled Network Element Center (UNEC) Work Activities	Source	Description	JG/WS	First Install	First Disconnect	Addti Instali	Addtl Disconnect	(SL177) Probability / Reuse	(SL2777) Probability / Reuse	Not used FOR ANYTHING! Probability / Reuse	2W / 4W	Multiplier	FPSC Staff Recommend Adjustment (100% - Adj)
7 Provisi	ioning Variables													
		Interconn	CONNECT & TEST -											
8 (1) Sta	atus/Info (55% of orders at 2.4 min.)	Svcs.	UNEC	4AXX	2.40	2.40	2,40	0.00	0%		1			
		Interconn	CONNECT & TEST -											
9 (2) Esc	calations (12% of orders at 7.2 min.)	Svcs.	UNEC	4AXX	7.20	7.20	7.20	0.00	0%					
11		Interconn	CONNECT & TEST -											
10 (3) Ass	sist Calls (6% of orders at 15.6 min.)	Svcs.	UNEC	4AXX	15.60	15,60	15.60	0.00	0%					
1 1		Interconn	CONNECT & TEST -											
	pardy (25% of orders at 1.8 min.)	Svcs.	UNEC	4AXX	1.80	1.80	1.80	0.00	0%					
12 Total o	of Worktimes * Probabilities				0.00	0.00	0.00	0.00						ļ
13														
UNEC	pulls order information and assigns to work	Interconn	CONNECT & TEST -											
14 groups	s. Ioning variables - when UNEC pulls order	Svcs.	UNEC	4AXX	8.00	8.00	0.00	0.00	100%			1.00		55%
		Interconn	CONNECT & TEST -											
	ation (Row 12)	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	100%			1.00		
	s and ensures accuracy of order design SL2	Interconn	CONNECT & TEST -											
16 ONLY		Svcs.	UNEC	4AXX	3.00	3.00	3.00	3.00	0%			1.00		
1		Interconn	CONNECT & TEST -					_			1			
17 Creates	es cut sheets to verify reuse of facilities SL2 ONLY	Svcs.	UNEC	AAXX	4.00	0.00	4.00	0.00	0%	10%	100%	1.00		
	er verdrich						9.00			19674				
	ms frame continuity and due date coordination	Interconn	CONNECT & TEST -	illiterennun.	******		mmneereemilii)					illilli 1994 killilli		imminininining),
	sting SL2 ONLY	Svcs.	UNEC	4AXX	53.60	0.00	53.60	0.00	0%			1.00	1.50	
1	1-1-1-10 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1	Interconn	CONNECT & TEST -	7/201	55,55	0.00	30.00	0.00	U ZQ			1.00	1.50	
20 Provisio	oning variables - testing (Row 12) SL2 ONLY	Svcs.	UNEC	4AXX	0.00	0.00	0.00	0.00	0%			1.00	1.50	
	ms manual order coordination (remote call						<u> </u>					1.00	1.30	<del></del>
forward	d, disconnect and unbundled loop order) when	Interconn	CONNECT & TEST -											
21 service	Is converted on existing facilities SL2 ONLY	Svcs.	UNEC	4AXX	20.00	0.00	20.00	0.00	0%	10%	100%	1.00		
		Interconn	CONNECT & TEST -										i	
	contacts customer and completes order	Svcs.	UNEC	4AXX	10.80	10.80	0.00	.0.00	0%			1.00		
	ioning Variables - when UNEC contacts customer	Interconn	CONNECT & TEST -											
23 and co	ompletes order (Row 12)	Svcs.	UNEC	4AXX	0.00	65.00	0.00	0.00	0%			1.00		
1 1														
24														

75	<b>A</b> .													
		В	С	D	E	F	i	н		J	K	L	М	N
[2]	ttem/Description					Workt	mes (Min.)						<u> </u>	
26	SPECIAL SERVICES INSTALLATION & MAINTENANCE (SSI&M) AND INSTALLATION AND MAINTENANCE (I&M) WORK ACTIVITIES	Source	Description	SSIM JG MS	iM JG/	First Install	First Disconnect	Addti instali	Addtl Disconnect	Probability Work Activity Will Be Performed	Probability, Dispatch Rate, Fallout)	2W / 4W	Multiplier	FPSC Staff Recommend Adjustment (100% - Adj)
	State-specific % of loops served through DLC (applies to plug-in work activity)	=INPUTS- MISCIC7	55%											
28							1							
29 [	Processes requests	Network	CONNECT & TEST -	411X	410X	20.00	20.00	0.00	0.00	0%	38%	1.00		65%
30 F	Places/removes plug-in at remote terminal	Network	CONNECT & TEST -	411X	410X	19,00	10.00	19.00	10.00	0%	38%	1.00		
31	Places/removes cross-connect at crossbox	Network	I&M CONNECT & TEST -	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 -	411X	410X	15.00	0.00	15.00	0.00	0%	38%	1.00	1.50	
33	Trouble resolution at crossbox	Network	I&M CONNECT & TEST -	411X	410X	45.00	0.00	45.00	0.00	0%	38%	1,00	1.50	ļ
34	Tests from NID & Tagging loop	Network	I&M CONNECT & TEST -	411X	410X	23.00	0.00	23.00	0.00	0%	38%	1.00	1.50	
35	Trouble resolution at premises SL1 ONLY???	Network	I&M CONNECT & TEST -	411X	410X	56,00	0.00	56.00	0.00	0%	38%	1.00	1.50	<u> </u>
36 37	Completes order	Network	M.81	411X	410X	19.00	19.00	0.00	0.00	0%	38%	1.00		
38	ttem/Description					World	imes (Min.)				1		<del> </del>	<del></del>
39	WORK MANAGEMENT CENTER (WMC)	Source	Description CONNECT & TEST	JG / WS	First Install	First Disconnect	Addti Instali	Addti Disconnect	WFA-DI Probability					
40	WMC coordinates dispatched technicians	Network	WMC	4WXX	2.00	0.00	0.00	0.00	3%					
42	Item/Description	<del></del>				Wante	imes (Min.)	L	<del></del>					<del> </del>
	Reprosectiption						mines (Min.)		15% Carried in	FPSC Staff Recommend				
43	CENTRAL OFFICE FORCES (CO)	Source	Description	JG / WS	First Install	First Disconnect	Addti instali	Addti Disconnect	Other Transport Elements	Adjustment (100% - Adj)				
44	CO Field wires circuit at collocation site. SL2 ONLY	Network	CONNECT & TEST - CO CONNECT & TEST -	431X	20:00	15.00	10.00	7.00	85%	80%				
45 46	CO Field wires circuit at collocation site. SL1 ONLY	Network	CO .	431X	15.00	12.00	8.00	8.00	85%				ļ	<u> </u>

Γ	A	В		D			<u> </u>	11		· ·	
1	Florida						G	М		J	K
2	Detailed Labor Worktimes										
3	Study Period: 2000-2002										
4											
5	Item/Description				Worktimes (Min.)						
	SPECIAL SERVICES INSTALLATION										. <del>- 7-,</del>
1	& MAINTENANCE (SSI&M) AND		(	İ							
	INSTALLATION AND									Ì	SL2
	MAINTENANCE (I&M) WORK			SSIM JG	IM JG /	First	First	Addti	Addtl	SL1 Probability	11.0
6	ACTIVITIES	Source	Description	/WS	ws	Install	Disconnect	Install	Disconnect	(Fallout)	(Fallout)
			TRAVEL -								The second secon
			SSI&M and								
7	Dispatched to crossbox	Network	I&M	411X	410X	7 20 0n 37	20.00	0.00	0.00	0%	

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

	Α	В	С	D	
1	Florida				
2	Miscellaneous Inputs				
3	Study Period: 2000-2002				
4					
5					
6	Input Description	Source	<u>Amount</u>		
7	% DLC	Digital%.xls	4. 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		

INPUTS\_MISC Study Date: 09/2001