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AUG -7 PM 4:52

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RECORDS AND
REPORTING

August 7, 2000

Mrs. Blanca S. Bayo
Director, Division of Records and Reporting
Florida Public Service Commission
2540 Shumard Oak Boulevard
Tallahassee, Florida 32399

RE: Docket No. 990649-TP (UNEs)

Dear Mrs. Bayo:

Consistent with the Order Modifying Procedure issued on July 21, 2000, please find BellSouth's final list of changes BellSouth intends to make or is considering making to its cost studies, which we ask that you file in the captioned matter. A detailed comparison of the individual cost elements affected by the changes will be reflected in the cost model to be filed on August 16, 2000.

A copy of this letter is enclosed. Please mark it to indicate that the original was filed and return the copy to me. Copies have been served to the parties shown on the attached Certificate of Service.

Sincerely,
E. Earl Edenfield Jr.
(EEL)

E. Earl Edenfield Jr.

- APP _____
- CAF _____
- CMP 5
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- CTR _____
- ECR _____
- LEG 2
- OPC _____
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- OTH _____

Enclosures

cc: All Parties of Record
Nancy B. White
Marshall M. Criser III
R. Douglas Lackey

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[Signature]
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**CERTIFICATE OF SERVICE
Docket No. 990649-TP**

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via

Federal Express and Electronically this 4th day of August, 2000 to the following:

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219337

COST STUDY REVISIONS

Description of Changes		Estimated Impact	Revised Files
I. BELLSOUTH TELECOMMUNICATIONS LOOP MODEL® (BSTLM)			
A. The following Input changes will be included in BellSouth's revised filing: 1. Correct DLC equipment choices; Modify cable, drop wire and NID material prices; Correct transposition of SONET vendor mix. See Attachment 1 for a detailed description of these input changes and their impact.		See Attachment 1.	BSTLM scenario input files
2. Correct NAD 27 vs. NAD 83 geocoding discrepancy—Customer data is segmented in three parts based on the Florida Regional Accounting Offices. The customer data is geocoded as separate files and combined for use in the BSTLM. All three Florida files had been updated from NAD 27 to NAD 83. However, the Southeast Florida customer data was incorrectly treated as if it had not been updated and the geocoded points were unnecessarily transformed from NAD 27 to NAD83 in BellSouth's original filing. To correct this error, the Southeast Florida customer data was extracted from the combined file and replaced with the original data.		The nature of this change makes it impossible to identify its impact.	GIS files
3. Correct selection of services for specific UNEs:			Rservice file
A.2.1 Subloop Feeder Per 2 wire Analog Voice Grade Loop Service Level 1	The following adders were checked in the Reports run but not in the Calculator run: Test Point – Common, Test Point - Hardwired, Test Point – Plug-In. The Calculator run is correct. They will be excluded from the Reports refiling.	These changes will not impact the monthly cost since the Calculator develops cost.	
D.5.1 Local Channel – Dedicated - 2 Wire Voice Grade	The following adders were not checked in the Reports run but were in the Calculator run: 2WLC-PREM - DEF PLUGS, 2WLC-PREM - COM PLUGS, 2WLC-PREM - HARDWIRED. The Calculator run is correct. They will be added to the Reports run.	These changes will not impact the monthly cost since the Calculator develops cost.	
D.5.2 Local Channel – Dedicated – 4 Wire Voice Grade	The following adders were not checked in the Reports run but were in the Calculator run: 4WLC-PREM - DEF PLUGS, 4WLC-PREM - COM PLUGS, 4WLC-PREM - HARDWIRED. The Calculator run is correct. They will be added to the Reports run. The DLC-CO cable was omitted from the filed runs.	The addition of the DLC-CO cable will increase cost.	
D.5.24 Local Channel - DS1	The following adders were not checked in the Reports run but were in the Calculator run: DS1LC-PREM - DEF PLUGS, DS1LC-PREM - COM PLUGS, DS1LC-PREM – HARDWIRED. The Calculator run is correct. They will be added to the Reports run. The DLC-CO cable was omitted in the filed runs.	The addition of the DLC-CO cable will increase cost.	
B. The following Model changes will be included in BellSouth's revised filing: 1. Revise road preparation process to exclude certain types of roads such as interstates;		The nature of this change makes it impossible to	BSTLM program files

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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
<p>2. Revise terminal pricing and selection criteria and FDI sizing criteria. Fixes implemented:</p> <p>Investment Logic Correct 812C investments. This FRC no longer appears on inappropriate reports. Correct Building Cable Sheet in investment logic-If FDI Max size was exceeded, no FDIs were put in. If EquipQty field was greater than 1, only 1 DTBT was placed in a building but sized as if multiple units were put in. Correct and simplify W5 formula to always place multiple DTBTs in a building.</p> <p>User Interface / System Tables Fix function to send a single user input table to Excel In SytemDB, modify tblInputObjects; Table 4 was missing. Did not ouptut DTBT input values to Excel Logic. In SystemDB, modify tblFields; add Excel Sort order for Table 4 so that system will output to Excel Logic. Modify report.mdb. Modify Length FieldSize property to be double from long integer. Prevents Null value in Copper Only scenario when field overflows.</p> <p>3. Include inventory reports: Key Statistics Report implemented.</p> <p>4. Add ability to build structures using detailed labor and contract costs rather than use in-plant factors. Revise MatCap calculations for structure costs.</p> <p>5. Increase model processing speed—Enhance Summary process to reduce memory requirements. Significantly reduce processing and reporting time. Eliminate need to split Florida into two separate scenarios.</p> <p>6. Change drop design—Add capability to route drop from lot corner in addition to standard rectilinear method. This upgrade requires two new GIS rules. UseRectilinearDrop, Yes/No. Yes maintains rectilinear drop, no forces corner drop routing. Non-rectilinear drop routing uses the lot width value specified in second new rule MaxLotWidth. This requires an integer intended to model the maximum width for a lot.</p>	<p>identify its impact.</p> <p>No impact on cost This change will increase cost. This change will increase cost.</p> <p>The nature of this change makes it impossible to identify its impact.</p> <p>This change increases the flexibility of the BSTLM and will not impact cost results.</p> <p>This change increases the flexibility of the BSTLM and will not impact cost results.</p> <p>This change increases the flexibility of the BSTLM and will not impact cost results.</p> <p>The change in drop design will reduce the cost of those loop elements with a drop wire component less than \$0.01 per month.</p>	

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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
<p>7. Improve audit file and calculator input file creation process—Add feature to track user initiated input changes. Enhance process logging to show tables changed, system component versioning and reporting errors. Modify Process Wizard to allow a user to specify and run both Rservice reports and Cost Calculator Feed. The Cost Calculator feed will create Cost Calculator reports for all Rservices so designated. Format is specified within the Wizard. Rservice definition and columns to be reported are specified within the new wizard. Added ability to dump multiple wirecenter Audit files. User is now prompted to select which wirecenters and which Audit files to dump in one single step.</p> <p>8. Simplify password process—Provide instructions to manually turn off password protections in Access once databases are open.</p> <p>9. Increase model options for copper/fiber crossover; Remove the distance 5% design extension for both CSA and AA placement. Hard and design limits are not modified from inputs shown.</p> <p>10. Increase flexibility in scenario process—Add ability to create new scenarios from any other scenario. User is prompted to provide the source scenario. The user also has the option to copy a scenario's processed IDB files.</p>	<p>This change increases the flexibility of the BSTLM and will not impact cost results.</p> <p>This change increases the flexibility of the BSTLM and will not impact cost results.</p> <p>The nature of this change makes it impossible to identify its impact.</p> <p>This change increases the flexibility of the BSTLM and will not impact cost results.</p>	
<p>II. SCIS</p>		
<p>Telcordia has issued SCIS Release 2.6.1b to correct errors in the earlier version of SCIS, which BellSouth had included in its original filing. Release 2.6.1.b contains the following corrections:</p> <ul style="list-style-type: none"> A. The Minimum Investment per Line on the DMS-100 Grand Weighted Investment Report correctly sums the Part A and Part C components. B. DMS-100 RSCS Remote ISDN Minimum Investment per Line will include Part D3 (Extension Cabinet Investment). Part D3 was correctly calculated, but was not being added. C. DMS-100F – For offices with TR-303 POTS lines and with the WeightPOTS setup parameter checked, the Weighted Minimum Line Investment on the Basic Total Report no longer produces two times the sum of Part A and Part C components. D. DMS-100F – The validation check for the number of TR303 remote terminals reflects a new maximum of 256, instead of 40. E. 5ESS – The input statistics report properly reflects the ABSBH O+T call rate per line for BRI lines on the Access Interface Unit (AIU) in the average call rate per line over all ISDN line types for an office and for a study. F. 5ESS – The ISDN total investment report is enhanced to display a new line item titled "Total SM and SM2000 Real Time EPHC Investment for POTS lines on ISDN Interfaces." This new line 	<p>The new SCIS release will result in both increases as well as reductions in SCIS primitives, which will have a corresponding effect on the port and switching costs.</p>	

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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files																														
<p>item displays total EPHC investment related to POTS lines on ISLUs and POTS lines on TR-303 remote terminals. A similar line item appears on the Average Total ISDN Investment report.</p> <p>G. 5ESS – ISTF investment calculations reflect a minor change to apportion ISTF investment over all appropriate demand. This may produce a very small change in the ISTF component of ISDN getting started investment.</p> <p>H. 5ESS – SM2000 related input ranges are changed to reflect current equipment capacities.</p> <p>Revised filing will include a self-executing zipfile patch for Version 2.6.1b and installation instructions (Appendix I).</p>																																
III. INVESTMENT INPUT FILES																																
<p>As a result of subsequent BellSouth review, including changes in BellSouth's loop modification process, revised nonrecurring work times for most loops will be included in the revised filing. The following cost elements will be added: A.5.6, A.6.5, A.6.6, A.7.5, A.7.6, A.8.5, A.8.6, A.13.8, A.13.9, A.13.10, A.13.11, A.14.8, A.14.9, A.14.10, A.14.11, A.17.5, A.17.6 and J.3.4. Cost elements A.1.8, A.2.22 and A.2.23 will be deleted. In revising many of the inputs, the spreadsheets were also reformatted to make the calculations easier to follow and to more logically group the elements. Some of the spreadsheets included in the original filing have been combined or renamed as follows:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 50%;">FLINBC2W.XLS</td> <td>FL-USL.xls</td> </tr> <tr> <td>FLINBC4W.XLS</td> <td>FL-USL.xls</td> </tr> <tr> <td>FL-USL.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FLLQSI.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FL-NID.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FL-OC.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FL-UCL.XLS</td> <td>FL-xdsl.xls</td> </tr> <tr> <td>FLUCL18.XLS</td> <td>FL-xdsl.xls</td> </tr> <tr> <td>FL-ULM.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FLUNTW.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>FLVGDIG.XLS</td> <td>FL-2w.xls</td> </tr> <tr> <td>FLVGDIG.XLS</td> <td>FL-4w.xls</td> </tr> <tr> <td>FLVGDIG.xls</td> <td>FL_DIG.xls</td> </tr> <tr> <td>FLVGTEST.XLS</td> <td>NO CHANGE</td> </tr> <tr> <td>DS1FDR.XLS</td> <td>NO CHANGE</td> </tr> </table>	FLINBC2W.XLS	FL-USL.xls	FLINBC4W.XLS	FL-USL.xls	FL-USL.XLS	NO CHANGE	FLLQSI.XLS	NO CHANGE	FL-NID.XLS	NO CHANGE	FL-OC.XLS	NO CHANGE	FL-UCL.XLS	FL-xdsl.xls	FLUCL18.XLS	FL-xdsl.xls	FL-ULM.XLS	NO CHANGE	FLUNTW.XLS	NO CHANGE	FLVGDIG.XLS	FL-2w.xls	FLVGDIG.XLS	FL-4w.xls	FLVGDIG.xls	FL_DIG.xls	FLVGTEST.XLS	NO CHANGE	DS1FDR.XLS	NO CHANGE	<p>See Attachment 2 for impacts of cost study changes.</p>	<p>FL-USL.XLS FLLQSI.XLS FL-NID.XLS FL-OC.XLS FL-xdsl.xls FL-UCL.XLS FLUNTW.XLS FL-2w.xls FL-4w.xls FL_DIG.xls FLVGTEST.XLS DS1FDR.XLS</p>
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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
See Attachment 2 for description of nonrecurring input revisions.		
A.12.1, A.12.2, A.12.3, A.12.4 Unbundled Loop Concentration - System A and System B, TR008 and TR303 Revisions to the BSTLM result in revised feeder cross-box material used in developing the cost for these elements.	The net effect of changes on these elements is a reduction of less than 1%.	USLC_OUT.XLS
A.18.5 Channelization – Channel System DS3 to DS1: Eliminate two hour worktimes for CRSG Service Inquiry for Additional Install and First and Additional Disconnect.	This change will reduce nonrecurring cost for Additional Installation approximately 40% and for Disconnect approximately 70%.	CHNLZ3-1.xls
P.5.3 4-Wire DS1 Digital Loop / 4-Wire ISDN DS1 Digital Trunk Port Combination – Nonrecurring Costs Switch-as-Is: Correct Manual Service Order Adjustment from 0.667 hour to 0.65 hour; Revise Additional Combo – Install WS10 Clerk – LCSC worktime from 0.5 hour to 0.0 hour.	The net effect of these changes will be a reduction in the first nonrecurring cost of approximately 1% and in the additional of approximately 8%.	COMBONRC.XLS
Ports (B.1): Input changes from SCIS as a result of version change to 2.6.1b; revise MDF material to change FRC/subFRC from 377C03 to 377C05; remove MDF material from P.4.2 ISDN Combo Port because MDF is included in the loop for this loop/port combo; correct TR303 material omitted for 5ESS switch; revise disconnect worktime input keyed incorrectly (2-Wire DID Additional Port – Disconnect for Recent Chng Line Trans from 0.04 to 0.0 ; add cost element P.3.2 2-Wire DID Port for Combinations to correctly develop cost; downstream input changes from FLStSst_U.xls	These changes will reduce the recurring cost of most port elements, although the recurring cost of element B.1.5 will increase.	FLSt_Sst_P.xls FLDe_Sst_P.xls
Features (B.4), End Office Switching (C.1), Tandem Switching (C.2) and Common Transport (D.1): Input changes from SCIS as a result of version change to 2.6.1.b; correct formula for application of discount level in Hardware Study for DMS Call Waiting Tone equipment	These changes will reduce the recurring cost of these elements.	FLSt_SST_U.xls FLDe_SST_U.xls
Selective Carrier Routing (AIN Solution) (G.11): Downstream changes from FLSt_SST_U.xls; correct labels for inputs for DSO Interoffice Transport Fundamentals; revised nonrecurring worktimes as follows: G.11.1 Service Order - LCSC reduce worktime for Install - First Hub from 1.0 to 0.25 hour and Disconnect – First Hub from 0.625 to 0.25 G.11.1 Service Order - LCSC eliminate worktime for Install and Disconnect - Additional Hub of 0.625 G.11.2 Service Order - CCM add worktime for Install First and Additional 0.5 hour each G.11.2 Service Order – LCSC reduce worktime for Install-Additional and Disconnect-First and Additional from 0.625 to 0.0833 each	These changes will reduce the recurring and most nonrecurring costs of this element, although there may be an increase in a limited number of nonrecurring cost elements.	Flscr.xls

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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
Interim Service Provider Number Portability – RCF (I.1): Changes required because of cell references to relocated data in FLSt_Sst_P.xls; downstream input changes from SCIS and FLSt_Sst_U.xls	These changes will generally reduce recurring costs and nonrecurring costs, although some recurring costs may increase	Flnprcf.xls
Service Provider Number Portability RIPH (I.4): Downstream changes from FLSt_SST_U.xls; spreadsheet does not change, only data in linked cells changes	These changes will reduce recurring and nonrecurring costs of this element	Firiph.xls
Loop Qualification Database (cost element J.3.1): Corrected inclusion of only 1 year of annual cost associated with RTU rather than 3 years as appropriate, substantially reduced inputs for material prices for PCs, Data Communications Devices, Mid-range computers, and equipment installation; included new input for Data Communications Material expense, adjusted number of hardware units, eliminated Data Communications Maintenance and Ongoing Desktop Support were from the study, and substantially reduced Software and Mid-range computer hardware maintenance	These changes will decrease the cost of this element over 30%.	Flqqdb.xls
Eliminate Line Sharing Splitter – Data (J.4.) cost elements from filing		Delete Lineshfl.xls
BellSouth AIN Toolkit Service (K.2): Correct cell references and sources on WP202 in development of Facilities Investments, Facilities Investments per Query, Facilities Termination Investments per Query, Signal Transfer Point Port Investment per Query, and Signal Transfer Point RTU Fee for Ports per Query.	This change will increase the cost of element K.2.9; reduction or no change in the cost of the other elements	Toolktfl.xls
IV. BELL SOUTH COST CALCULATOR®		
SVCORD00.xls workbook utilized in the Shared and Common Cost Application and filed as documentation has two incorrect ratios that do not reflect the removal of RTU costs resulting from accounting changes. The 6211 Analog Switch Service Order Ratio of .2453 should have been .3347 and the 6212 Digital Switch Service Order Ratio of .1254 should have been .2003.	The common factor does not change. The 6211 shared cost factor decreases from .0635 to .0632, but is not used in any TELRIC studies. The 6212 shared cost factor decreases from .0185 to .0183, and most other shared cost factors experience slight increases. Those elements with significant digital switching components will experience a slight reduction in cost. Other elements may experience a slight increase in cost.	BellSouth Cost Calculator program files

004890

COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
Correct gross receipts tax application for all elements from 0.009566 to 0.001713. The tax factor was calculated on a composite intrastate basis and will be recalculated to reflect only taxes and related revenues for UNEs.	This change will reduce the cost of all elements.	BellSouth Cost Calculator program files
Correct application of Network Computer Systems factor to 1C and 4C accounts. Factor should not have been applied to any accounts.	This change will reduce the cost of those elements containing 1C and 4C investments	BellSouth Cost Calculator program files
Replace version of help files	No cost impact	BellSouth Cost Calculator program files
Incorporate Shared and Common Cost Application patch distributed to all parties on 6/5/00 to correctly display refreshed data from database.	No cost impact	BellSouth Cost Calculator program files
AT&T reported a Microsoft Windows 95/98 operating system error when trying to load large amounts of data from Excel, e.g. loading BSTLM output files to the BSCC. The problem was verified with Microsoft Technical Assistance who offered a solution which greatly reduces the possibility of encountering the problem but cannot guarantee a fix. By modifying the manner in which data is loaded from Excel, the likelihood of a system crash is substantially reduced. This modification will be incorporated in the version of the BSCC filed on 8/16/00.	No cost impact	BellSouth Cost Calculator program files
Revise presentation format of Final Cost Summary to improve output data layout.	No cost impact	BellSouth Cost Calculator program files
V. DOCUMENTATION		
Section 1 – Revise cost study narrative to reflect changes in cost studies		Narrative.doc
Section 2 – Final Cost Summary with revised cost		Final Cost Summary.xls
Section 4 – SCIS Revise Input/Output file		Mouser.dbf
Section 4 – SST		Delete duplicate of files contained in Investmnts subdirectory
Appendix A – Florida state average summary with revised cost		Florida_State_Average_04-11-00.xls
Appendix B – Florida state deaverage summary with revised cost		Florida_State_Deaverage_04-10-00.xls

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COST STUDY REVISIONS

Description of Changes	Estimated Impact	Revised Files
Appendix D – Revise SST data dictionary and methodology description to reflect changes in this filing		SST_IDC.doc SST_METH.doc
Appendix F – Revise factor development workpapers Gross Receipts Tax factor development Summary of Shared & Common Factors Service Order Proportion Factors		99stuse3.xls S&CSUM00.xls SVCORD00.xls
Appendix H – Revise Loop Model Methodology Manual and User Guide to include changes in BSTLM; Update BSTLM Model Methodology to include more detail on MSRT algorithm, CSA/AA design and network element placement. Include discussion of structure and methods used to generate structure cost. Add description to User Guide for removing password from protected files.		BSTLM Methodology Manual2.doc User_Guide.doc
Appendix I – SCIS Patch for Version 2.6.1b and loading instructions		Scis261b.exe Instructions.doc

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Table	Description	Original Filing			Revised			Estimated Impact
Vendor Mix (SONET Terminals-Other)		Vendor "A"	Vendor "B"		Vendor "A"	Vendor "B"		
	OC-1	0.6	0.4		0.4	0.6	Undetermined	
	OC-3	0.6	0.4		0.4	0.6		
	OC-12	0.6	0.4		0.4	0.6		
	OC-48	0.6	0.4		0.4	0.6		
Vendor "A" DLC - CE (DLC/ONU-DLCRT)		MatCost	Capacity	TotPlacing	MatCost	Capacity	TotPlacing	
	Cabinet Small (includes Batt. Etc.)	17482	448	0	NA	NA	NA	
	Cabinet Medium (includes Batt. Etc.)	23762	672	0	17482	448	0	
Network Rules (Engineering Rules)		Value	UOM		Value	UOM		
	AllLocalChannelServicesToFO				Yes		new line No Impact, moved from options screen	
GIS Rules (Engineering Rules)								
	MaxLotWidth				50	Feet	new line Decrease cost	
	UseRectilinearDrop				No		new line Decrease cost	
Labor Rate (Labor Rates And Loadings)		Rate/Hr.			Rate/Hr.			
	Placing	29.05			29.02		Decrease in cost	
NID/NIU (Material)		Type/Size	MatCost		Type/Size	MatCost		
	NID	2	4.84		2	14.52	Increase in cost	
	NID	6	8.38		6	18.06	Increase in cost	
Fiber Cable (Material)								
	Riser/Intrabuilding	6	0.44		6	0.57	Increase in cost	
	Riser/Intrabuilding	12	0.53		12	1.14	Increase in cost	
	Riser/Intrabuilding	18	0.64		18	1.19	Increase in cost	
	Riser/Intrabuilding	24	0.72		24	1.59	Increase in cost	
	Riser/Intrabuilding	30	0.84		30	1.66	Increase in cost	
	Riser/Intrabuilding	32	0.88		32	1.77	Increase in cost	
	Riser/Intrabuilding	36	0.91		36	1.99	Increase in cost	
	Riser/Intrabuilding	44	1.08		44	2.43	Increase in cost	
	Riser/Intrabuilding	48	1.22		48	2.68	Increase in cost	
	Riser/Intrabuilding	60	1.35		60	3.35	Increase in cost	
	Riser/Intrabuilding	72	1.58		72	3.63	Increase in cost	
	Riser/Intrabuilding	84	1.75		84	4.84	Increase in cost	
	Riser/Intrabuilding	96	1.93		96	5.45	Increase in cost	
	Riser/Intrabuilding	108	2.15		108	6.05	Increase in cost	
	Riser/Intrabuilding	120	2.36		120	6.66	Increase in cost	
	Riser/Intrabuilding	132	2.56		132	7.26	Increase in cost	
	Riser/Intrabuilding	144	2.77		144	8.50	Increase in cost	
	Riser/Intrabuilding	156	2.96		156	9.92	Increase in cost	
	Riser/Intrabuilding	168	3.16		168	12.75	Increase in cost	
	Riser/Intrabuilding	216	3.97		216	21.87	Increase in cost	

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Table	Description	Original Filing		Revised		Estimated Impact
		Type/Size	MatCost	Type/Size	MatCost	
Drop (Material)						
	Aerial	2	0.0669	2	0.0679	Increase in cost
	Aerial	6	0.1567	6	0.1111	Decrease in cost
	Aerial	2	0.0738	2	0.0691	Decrease in cost
	Aerial	5	0.1193	5	0.1511	Increase in cost
Copper Cable 24 gauge (Material)						
	Riser/Intrabuilding	25	0.31	25	0.36	Increase in cost
	Riser/Intrabuilding	50	0.39	50	0.54	Increase in cost
	Riser/Intrabuilding	100	0.61	100	0.98	Increase in cost
	Riser/Intrabuilding	200	0.98	200	1.63	Increase in cost
	Riser/Intrabuilding	300	1.38	300	2.50	Increase in cost
	Riser/Intrabuilding	400	1.72	400	3.20	Increase in cost
	Riser/Intrabuilding	600	3.64	600	4.42	Increase in cost
	Riser/Intrabuilding	900	3.81	900	6.65	Increase in cost
	Riser/Intrabuilding	1200	4.99	1200	8.57	Increase in cost
	Riser/Intrabuilding	1500	6.41	1500	10.75	Increase in cost
	Riser/Intrabuilding	1800	10.19	1800	13.14	Increase in cost
	Riser/Intrabuilding	2100	9.59	2100	15.33	Increase in cost
	Riser/Intrabuilding	2400	13.78	2400	17.52	Increase in cost
	Riser/Intrabuilding	2700	15.94	2700	19.71	Increase in cost
	Riser/Intrabuilding	3000	16.98	3000	21.90	Increase in cost
	Riser/Intrabuilding	3600	20.38	3600	26.28	Increase in cost
	Riser/Intrabuilding	4200	23.10	4200	30.66	Increase in cost
CO Investment Adder						
	MDF-2Wire Combo		3.3812		3.4580	Increase in cost
	MDF-2Wire Melded		6.6616		6.6738	Increase in cost
	MDF-4Wire Combo		6.6724		6.9160	Increase in cost
	MDF-4Wire Melded		13.3448		13.3475	Increase in cost
	DS1 Loop Feeder - HDSL		38.15		41.21	Increase in cost
	MDF - DS1		4.63		5.00	Increase in cost
	DSX1		4.13		3.97	Decrease in cost
Vendor "A" DLC - Channel (DLC/ONU-DLCRT)						
	POTSX		211		645	Increase in cost
	CENTREXX		211		645	Increase in cost
	SW-VGSSX		425		645	Increase in cost
	NSW-VGSSX		425		645	Increase in cost
	PBXX		425		645	Increase in cost
Vendor "B" DLC - Channel (DLC/ONU-DLCRT)						
	POTSX		60		270	Increase in cost
	CENTREXX		60		270	Increase in cost
	PBXX		150		270	Increase in cost

004894

COST STUDY CHANGES - NONRECURRING COST FIRST INSTALL				
New Element	UNE#	UNE DESCRIPTION	COST IMPACT	INPUT CHANGES
			Shown for First Install NRC Only	Shown for First Install NRC Only
A.1.1	2-Wire Analog Voice Grade Loop - Service Level 1	37%	Addition of PICS worktimes Decrease in AFIG worktimes Increase in dispatch rate (20% to 38%)-affects I&M/UNEC Separation of OSPE functions into 4FXX and JG57 Increase in I&M time for plug-in install with % DLC Change in DLC %	
A.1.2	2-Wire Analog Voice Grade Loop - Service Level 2	73%	Addition of PICS worktimes Decrease in AFIG worktimes Increase in dispatch rate (20% to 100%)-affects I&M/UNEC Separation of OSPE functions into 4FXX and JG57 Increase in SSI&M time for plug-in install with % DLC Change in DLC %	
A.2.1	Sub-Loop Feeder Per 2-Wire Analog Voice Grade Loop	57%	Changed to designed offering (affects CPG, PICS, UNEC, SSIM) Separation of OSPE functions into 4FXX and JG57 Increase in SSI&M time for plug-in install with % DLC & tagging	
A.2.2	Sub-Loop Distribution Per 2-Wire Analog Voice Grade Loop	10%	Separation of OSPE functions into 4FXX and JG57 JFC change from 410X to 411X (I&M/SSI&M)	
A.2.11	Sub-Loop Distribution Per 4-Wire Analog Voice Grade Loop	-3%	Separation of OSPE functions into 4FXX and JG57 Decrease in SSI&M worktime	
A.2.13	Network Interface Device Cross Connect	-24%	Increase in material prices (update)	
A.2.14	2-Wire Intra-building Network Cable (INC)	-16%	Removal of manual service order; order is mechanized Addition of OSPE worktime	
A.2.15	4-Wire Intra-building Network Cable (INC)	-28%	Removal of manual service order; order is mechanized Addition of OSPE worktime Decrease of SSI&M worktime Decrease of UNEC worktime	
A.2.17	Sub-Loop - Per Cross Box Location - CLEC Feeder Facility Set-Up	39%	Addition of OSP Construction function Decrease of LCSC worktime Change in JFC from JG57 to 4FXX	
A.2.19	Sub-Loop - Per Building Equipment Room - CLEC Feeder Facility Set-Up	-17%	Decrease of LCSC worktime Change in JFC from JG57 to 4FXX Decrease in OSP Construction time to account for 25-pr panel Material price decrease for panel/backboard per 25-pr	
A.2.20	Sub-Loop - Per Building Equipment Room - Per 25 Pair Panel Set-Up	-31%	Decrease in OSP Construction time - change in provisioning with CLEC	

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<u>New Element</u>	<u>UNE#</u>	<u>UNE DESCRIPTION</u>	<u>COST IMPACT</u>	<u>INPUT CHANGES</u>
	A.2.21	Sub-Loop - Per Cross Box Location - CLEC Distribution Facility Set-Up	39%	Addition of OSP Construction function Decrease of LCSC worktime Change in JFC from JG57 to 4FXX
	A.2.24	Sub-Loop - Per 4-Wire Analog Voice Grade Loop / Feeder Only	-7%	Decrease in PICS worktime; apply % DLC Separation of OSPE functions into 4FXX and JG57 Changes in SSI&M worktimes
	A.2.25	Sub-Loop - Per 2-Wire ISDN Digital Grade Loop / Feeder Only	11%	Decrease in PICS worktime; apply % DLC Separation of OSPE functions into 4FXX and JG57; updated inputs Changes in SSI&M worktimes
	A.2.29	Sub-Loop - Per 4-Wire 56 or 64 Kbps Digital Grade Loop / Feeder Only	-7%	Decrease in PICS worktime; apply % DLC Separation of OSPE functions into 4FXX and JG57; updated inputs Changes in SSI&M worktimes
	A.2.30	Sub-Loop - Per 2-Wire Copper Loop Short / Feeder Only	0%	Separation of OSPE functions into 4FXX and JG57; updated inputs Change in SSI&M worktimes
	A.2.32	Sub-Loop - Per 4-Wire Copper Loop Short / Feeder Only	-3%	Separation of OSPE functions into 4FXX and JG57; updated inputs Change in SSI&M worktime
	A.2.40	Sub-Loop - Per 2-Wire Copper Loop Short / Distribution Only	1%	Separation of OSPE functions into 4FXX and JG57; updated inputs Increase in SSI&M worktimes
	A.2.42	Sub-Loop - Per 4-Wire Copper Loop Short / Distribution Only	-6%	Separation of OSPE functions into 4FXX and JG57; updated inputs Decrease in UNEC worktime Decrease in SSI&M worktime
	A.4.1	4-Wire Analog Voice Grade Loop	-3%	Decrease in PICS worktime; apply % DLC Decrease in AFIG worktimes Separation of OSPE functions into 4FXX and JG57 Increase in SSI&M time for plug-in install with % DLC Change in DLC %
	A.5.1	2-Wire ISDN Digital Grade Loop	8%	Decrease in PICS worktime; apply % DLC Increase in OSPE worktime Increase in CO worktime; additional testing Change in DLC%
	A.5.6	Universal Digital Channel	New Element	
Yes	A.6.5	2-Wire ADSL Compatible Loop (Nonrecurring w/LMU)	11%	Service Inquiry functions at 100% (was 52%)
			Compared to filed A.6.1 NRC	Decrease in OSPE worktimes Increase in SSI&M worktimes

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<u>New Element</u>	<u>UNE#</u>	<u>UNE DESCRIPTION</u>	<u>COST IMPACT</u>	<u>INPUT CHANGES</u>
Yes	A.6.6	2-Wire ADSL Compatible Loop (Nonrecurring w/o LMU)	New Element	
Yes	A.7.5	2-Wire HDSL Compatible Loop (Nonrecurring w/LMU)	10%	Service Inquiry functions at 100% (was 52%)
			Compared to filed	Decrease in OSPE worktimes
			A.7.1 NRC	Increase in SSI&M worktimes
Yes	A.7.6	2-Wire HDSL Compatible Loop (Nonrecurring w/o LMU)	New Element	
Yes	A.8.5	4-Wire HDSL Compatible Loop (Nonrecurring w/LMU)	6%	Service Inquiry functions at 100% (was 52%)
			Compared to filed	Decrease in OSPE worktimes
			A.8.1 NRC	Increase in SSI&M worktimes
Yes	A.8.6	4-Wire HDSL Compatible Loop (Nonrecurring w/o LMU)	New Element	
	A.9.2	Sub-Loop Feeder Per 4-Wire DS1 Digital Loop		See A.2.29
	A.10.1	4-Wire 19, 56 or 64 Kbps Digital Grade Loop	-3%	Decrease in PICS worktime; apply % DLC Decrease in AFIG worktimes Separation of OSPE functions into 4FXX and JG57 Increase in SSI&M time for plug-in install with % DLC Change in DLC %
	A.12.5	Unbundled Sub-loop Concentration - USLC Feeder Interface		See A.2.29
Yes	A.13.8	2-Wire Copper Loop - short (Nonrecurring w/LMU)	11%	Service Inquiry functions at 100% (was 52%)
			Compared to filed	Decrease in OSPE worktimes
			A.13.1 NRC	Increase in SSI&M worktimes
Yes	A.13.9	2-Wire Copper Loop - short (Nonrecurring w/o LMU)	New Element	
Yes	A.13.10	2-Wire Copper Loop - long (Nonrecurring w/LMU)	73%	Service Inquiry functions at 100% (was 5%)
			Compared to filed	Decrease in OSPE worktimes
			A.13.7 NRC	Increase in SSI&M worktimes
Yes	A.13.11	2-Wire Copper Loop - long (Nonrecurring w/o LMU)	New Element	
Yes	A.14.8	4-Wire Copper Loop - short (Nonrecurring w/LMU)	7%	Service Inquiry functions at 100% (was 52%)
			Compared to filed	Decrease in OSPE worktimes
			A.14.1 NRC	Increase in SSI&M worktimes
Yes	A.14.9	4-Wire Copper Loop - short (Nonrecurring w/o LMU)	New Element	
Yes	A.14.10	4-Wire Copper Loop - long (Nonrecurring w/LMU)	53%	Service Inquiry functions at 100% (was 5%)
			Compared to filed	Decrease in OSPE worktimes
			A.14.7 NRC	Increase in SSI&M worktimes
Yes	A.14.11	4-Wire Copper Loop - long (Nonrecurring w/o LMU)	New Element	
	A.15.1	Unbundled Network Terminating Wire (NTW) per Pair	7%	Increase in equipment prices Change in JFC from 57 to 59 for I&M Site Survey

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<u>New Element</u>	<u>UNE#</u>	<u>UNE DESCRIPTION</u>	<u>COST IMPACT</u>	<u>INPUT CHANGES</u>
	A.17.1	Loop Mod-Load Coil/Equip (Short)	-5%	Increase in Engng work times Decrease in LCSC work times Change of JFC for Clerical Decrease due to application of % time BT and LC inquiries are together Decrease due to application of 52% for ULM as separate order
	A.17.2	Loop Mod-Load Coil/Equip (Long)	-8%	Increase in Engng work times Decrease in LCSC work times Change of JFC for Clerical Decrease due to application of % time BT and LC inquiries are together Decrease due to application of 5% for ULM as separate order
	A.17.3	Loop Mod-Bridged Tap Removal	-18%	Increase in Engng work times Decrease in LCSC work times Change of JFC for Clerical Decrease due to application of % time BT and LC inquiries are together Decrease due to application of 5% for ULM as separate order
	A.17.4	Loop Mod-Additive	-51%	Increase in Engng work times Decrease in LCSC work times Change of JFC for Clerical Decrease due to application of % time BT and LC inquiries are together Decrease due to application of 52% for ULM as separate order True-Up of Demand Information
Yes	A.17.5	Loop Mod-Copper Distribution Load Coil/Equip	New Element	
Yes	A.17.6	Loop Mod-Copper Distribution Bridged Tap Removal	New Element	
	A.19.1	Loop Testing – Basic	-3%	Reduction in UNEC worktime
	A.19.2	Loop Testing – Overtime	-3%	Reduction in UNEC worktime
	A.19.3	Loop Testing – Premium	-3%	Reduction in UNEC worktime
	J.3.3	Service Inquiry with Loop Make-Up - Without Facility Reservation	-30%	Reduction in OSPE worktime Updates in CRSG and LCSC worktimes
Yes	J.3.4	Service Inquiry with Loop Make-Up - With Facility Reservation	New Element	

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