ORIGINAL

**Tracy Hatch**
Senior Attorney
Law and Government Affairs
Southern Region

Suite 700
101 N. Monroe Street
Tallahassee, FL 32301
850-425-6360

July 3, 2003

**BY OVERNIGHT MAIL**
Ms. Blanca Bayó, Director
The Commission Clerk and Administrative Services
Room 110, Easley Building
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, Florida 32399-0850

RECEIVED-FPSC
03 JUL -3 AM 11:14
COMMISSION CLERK

Re: Docket Nos. 981834-TP and 990321-TP
AT&T's Claim for Confidential Treatment
AT&T's Response to Sprint's 1st Set of Interrogatories

Dear Ms. Bayó:

AT&T Communications of the Southern States, LLC pursuant to Section 364.183(1), Florida Statutes, hereby claims that certain information provided in AT&T's Response to Sprint's 1st Set of Interrogatories contains confidential and proprietary business information from Sprint that should be held exempt from public disclosure. The proprietary version of the interrogatories being served on the Staff of the Florida Public Service Commission is being filed pursuant to Rule 25-22.006(5), Florida Administrative Code. In accordance with Rule 25-22.006(5), in the attached envelope is one proprietary copy of AT&T's Response to Sprint's 1st Set of 2nd Request for Production of Documents with the confidential information highlighted. Also included are two redacted copies. A redacted copy has been served on the Staff.

Please acknowledge receipt of this letter by stamping the extra copy of this letter "filed" and returning the same to Lisa Riley in the enclosed stamped envelope.

Thank you for your assistance with this filing.

Sincerely yours,

Tracy Hatch/las

Tracy W. Hatch

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TWH/las

DOCUMENT NUMBER-DATE
05927 JUL-3 03
FPSC-COMMISSION CLERK

Enclosure
cc: Parties of Record

ORIGINAL

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

| | |
|---|---|
| In re: Petition of Competitive Carriers for Commission action to support local competition in BellSouth Telecommunications, Inc.'s service territory. | DOCKET NO. 981834-TP |
| In re: Petition of ACI Corp. d/b/a Accelerated Connections, Inc. for generic investigation to ensure that BellSouth Telecommunications, Inc., Sprint-Florida, Incorporated, and GTE Florida Incorporated comply with obligation to provide alternative local exchange carriers with flexible, timely, and cost-efficient physical collocation. | DOCKET NO. 990321-TP<br><br>July 2, 2003 |

**AT&T RESPONSES TO SPRINT'S FIRST SET OF INTERROGATORIES (Nos. 1-3)**

AT&T Communications of the Southern States, LLC ("AT&T") pursuant to Rule 1.340, Florida Rules of Civil Procedure and Order No. PSC-02-1513-PCO-TP, issued in this docket on November 4, 2002, hereby files its response to Sprint's First Set of Interrogatories.

REQUEST: Sprint FL First Set of Interrogatories

DATED: May 22, 2003

Interrogatory 1(a): Please respond to the following questions regarding the "Sprint Restatement," Exhibit SET-8, attached to Mr. Turner's Rebuttal Testimony.

a. Line H.1.71 and Line H.2.30 show different charges for DC Power for physical and virtual collocation. Why is there a different charge for DC power for virtual collocation than the DC power charge for physical collocation, when it appears that Bellsouth applies the same charge to both?

Response: Prior to answering the question, an explanation of the source for element H.1.71 is necessary. Elements H.1.71 and H.2.30 are both for DC power per Used ampere. H.2.30 is an element that was added by Mr. Turner in the restatements of the BellSouth, Sprint, and Verizon models to provide for DC power for virtual collocation on a Used ampere basis consistent with also having DC power expressed in this manner for physical collocation. BellSouth did not have a DC power per Used amp element for virtual collocation in its original filing. Elements H.1.8 and H.2.4 are for DC power per fused amp for physical and virtual collocation respectively. These elements regarding DC power per fused amp do have the same charge for virtual and physical collocation. The Sprint Restatement presented as Exhibit SET-8 has virtually identical charges for these two elements.

The difference in elements H.1.71 and H.2.30 for DC power per Used amp was unintended. A portion of the cost for element H.2.30 was inadvertently left out of the input file (Flvircol.xls) used in the restatement. Specifically, the Monthly Cost Power Usage portion of the cost was not added. This error has been corrected in the revised Exhibit SET-8 and Flvircol.xls input file that are attached.

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| REQUEST: | Sprint FL First Set of Interrogatories |
| DATED: | May 22, 2003 |
| Interrogatory 1(b): | Please respond to the following questions regarding the "Sprint Restatement," Exhibit SET-8, attached to Mr. Turner's Rebuttal Testimony.<br><br>b. What common cost factor did you use in your calculation of Sprint's rates? |
| Response: | Mr. Turner's Rebuttal Testimony explains that Mr. Turner intended to use the Sprint-specific common cost factor of 1.1368. However, upon further review, it was found that the Sprint proposed rates in Exhibit SET-8 inadvertently used a common cost factor of 1.0660. The correct common cost factor is 1.1368 which is sourced from Sprint's cost study.<br><br>A revised Exhibit SET-8 reflecting rates based upon the correct common cost factor is attached in response to Interrogatory 1(a) above. |

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| REQUEST: | Sprint FL First Set of Interrogatories |
| DATED: | May 22, 2003 |
| Interrogatory 2: | Please identify any documents you prepared and/or relied on to calculate the charges reflected in the "Sprint Restatement," Exhibit SET-8. |
| Response: | The process used to calculate the charges in Exhibit SET-8, including all documents prepared and/or relied upon, are described in Mr. Turner's Rebuttal Testimony.<br><br>A detailed listing of the input values that were changed from BellSouth's original model is contained in Exhibit SET-10. As stated in testimony, the cost of money and the common cost factor are Sprint-specific. |

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| REQUEST: | Sprint FL First Set of Interrogatories |
| DATED: | May 22, 2003 |
| Interrogatory 3: | In the Rebuttal Testimony of Steven E. Turner, on page 14, lines 17-18 and lines 24-26, you refer to the use of Sprint-specific cost of capital inputs and Sprint-specific common cost factors. Please identify any documents that you prepared and/or relied on that show any Sprint-specific inputs used to calculate the Sprint Restatement or that reflect the Sprint-specific calculations resulting from such inputs. |
| Response: | The source for the Sprint Cost of Money is Docket No. 990649B-TP, Order No. PSC-03-0058-FOF-TP Issued: January 8, 2003.<br><br>The Sprint-specific common cost factor used was taken from Sprint's cost study (JRD-2 Florida Collo Study - Feb 4 - Proprietary.xls) Worksheet 'Inputs' at cell C11 and has not been changed. The value used is 1.1368. |

SUBMITTED this 2nd day of July 2003.

Tracy Hatch/las

TRACY W. HATCH, ESQ.
101 N. Monroe Street
Suite 700
Tallahassee, FL 32302-1876
(850) 425-6360

Attorney for AT&T Communications of the
Southern States, LLC

| | A | B | C | D |
|---|---|---|---|---|
| 1 | Florida | | | |
| 2 | Index Sheet | | | |
| 3 | Study Period: 2003-2005 | | | |
| 4 | | | | |
| 5 | | | | |
| 6 | | | | |
| 7 | | | | |
| 8 | | | | |
| 9 | | **Sheet Name:** | | **Description:** |
| 10 | | Index | | Virtual Collocation |
| 11 | | Investments | | CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA |
| 12 | | Additives_Recurring | | CALCULATOR INPUT FORM - RECURRING EXPENSES DATA |
| 13 | | Additives_Nonrecurring | | CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA |
| 14 | | Nonrecurring Labor | | CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES |
| 15 | | INPUTS_Nonrecurring | | Virtual Collocation Nonrecurring Inputs |
| 16 | | INPUTS_Recurring | | Virtual Collocation Recurring Inputs |
| 17 | | wp H.2.2 NRC | | Virtual Collocation - Fiber Entrance Cable Installation per Cable |
| 18 | | wp H.2.3 | | Virtual Collocation - Floor Space per Square Foot |
| 19 | | wp H.2.4 | | Virtual Collocation - Power, Per Fused Ampere |
| 20 | | wp H.2.5 | | Virtual Collocation - Cable Support Structure, Per Fiber Entrance Cable |
| 21 | | wp H.2.6 | | Virtual Collocation - 2-Wire Cross Connects |
| 22 | | wp H.2.6 NRC | | Virtual Collocation - 2-Wire Cross Connects |
| 23 | | wp H.2.7 | | Virtual Collocation - 4-Wire Cross Connects |
| 24 | | wp H.2.8 | | Virtual Collocation - DS1 Cross Connects |
| 25 | | wp H.2.9 | | Virtual Collocation - DS3 Cross Connects |
| 26 | | wp H.2.16 | | Virtual Collocation - 2-Fiber Cross Connect |
| 27 | | wp H.2.17 | | Virtual Collocation - 4-Fiber Cross Connect |
| 28 | | wp H.2.30 | | Virtual Collocation: Development of Power Costs, per Used AMP |
| 29 | | | | |
| 30 | | Element(s) In this Study: | | H.2.10, H.2.11, H.2.12, H.2.16, H.2.17, H.2.2, H.2.20, |
| 31 | | | | H.2.21, H.2.22, H.2.3, H.2.4, H.2.5, H.2.6, H.2.7, |
| 32 | | | | H.2.8, H.2.9 |
| 33 | | | | |

| | A | B | C | D | E | F | G | H | I |
|---|---|---|---|---|---|---|---|---|---|
| 1 | | CALCULATOR INPUT FORM - MATERIAL/INVESTMENT DATA | | | | | | | |
| 2 | | | | | | | | | |
| 3 | | Instructions: | | | | | | | |
| 4 | 1. | Use this worksheet to record material and/or investments to be input into the | | | | | | | |
| 5 | | TELRIC calculations. | | | | | | | |
| 6 | 2. | All amounts shown are per unit (e.g., per call, per loop, per MOU). | | | | | | | |
| 7 | 3. | Input data, by Cost Element, leaving no blank lines. On next row | | | | | | | |
| 8 | | after last line of data, type END in Cost Element Column. | | | | | | | |
| 9 | 4. | All data on this form should be cell-referenced to study workpapers. | | | | | | | |
| 10 | 5. | Do NOT change columns, headings, sheet name. | | | | | | | |
| 11 | | | | | | | | | |
| 12 | | | | | Volume | Volume | | | |
| 13 | | Cost | | Sub | Sensitive | Insensitive | | | |
| 14 | State | Element # | FRC | FRC | $ Amount | $ Amount | | | |
| 15 | FL | H.2.3 | 20C | 00 | | | | | |
| 16 | FL | H.2.3 | 10C | 00 | | | | | |
| 17 | FL | H.2.4 | 377CP | 00 | | | | | |
| 18 | FL | H.2.5 | 357C | 16 | | | | | |
| 19 | FL | H.2.6 | 377C | 05 | | | | | |
| 20 | FL | H.2.6 | 377C | 11 | | | | | |
| 21 | FL | H.2.7 | 377C | 05 | | | | | |
| 22 | FL | H.2.7 | 377C | 11 | | | | | |
| 23 | FL | H.2.8 | 357C | 01 | | | | | |
| 24 | FL | H.2.9 | 357C | 01 | | | | | |
| 25 | FL | H.2.16 | 357C | 01 | | | | | |
| 26 | FL | H.2.17 | 357C | 01 | | | | | |
| 27 | FL | H.2.30 | 377CP | 00 | | | | | |
| 28 | | END | | | | | | | |
| 29 | | | | | | | | | |
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| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | | **CALCULATOR INPUT FORM - RECURRING EXPENSES DATA** | | | | | | |
| 2 | | | | | | | | |
| 3 | | **Instructions:** | | | | | | |
| 4 | | **1. Use this worksheet to record material and/or investments to be input into the** | | | | | | |
| 5 | | **TELRIC calculations.** | | | | | | |
| 6 | | **2. All amounts shown are per unit (e.g., per call, per loop, per MOU).** | | | | | | |
| 7 | | **3. Input data, by Cost Element, leaving no blank lines. On next row** | | | | | | |
| 8 | | **after last line of data, type END in Cost Element Column.** | | | | | | |
| 9 | | **4. All data on this form should be cell-referenced to study workpapers.** | | | | | | |
| 10 | | **5. Do NOT change columns, headings, sheet name.** | | | | | | |
| 11 | | | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | | **Recurring** | **Recurring** | | | |
| 15 | | | **Recurring** | **Volume** | **Volume** | | | |
| 16 | | **Cost** | **Expense Description** | **Sensitive** | **Insensitive** | | | |
| 17 | **State** | **Element #** | **(Limited to 25 characters)** | **$ Amount** | **$ Amount** | | | |
| 18 | **FL** | **H.2.4** | Power Usage Monthly Cost | | | | | |
| 19 | **FL** | **H.2.30** | Monthly Cost Power Usage | | | | | |
| 20 | | **END** | Maximum 10 entries per Cost Element # | | | | | |
| 21 | | | | | | | | |
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| | A | B | C | D | E | F | G | H |
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| 1 | | CALCULATOR INPUT FORM - NONRECURRING EXPENSES DATA | | | | | | |
| 2 | | | | | | | | |
| 3 | | Instructions: | | | | | | |
| 4 | | 1. Use this worksheet to record nonrecurring non-labor expenses to be input into the TELRIC calculations. | | | | | | |
| 5 | | 2. All amounts shown are per unit (e.g., per call, per loop, per MOU). | | | | | | |
| 6 | | 3. Input data, by Cost Element, leaving no blank lines. On next row | | | | | | |
| 7 | | after last line of data, type END in Cost Element Column. | | | | | | |
| 8 | | 4. All data on this form should be cell-referenced to study workpapers. | | | | | | |
| 9 | | 5. Do NOT change columns, headings, sheet name. | | | | | | |
| 10 | | 6. Use column D when cost element has a single nonrecurring cost; use columns E & F for elements with a first | | | | | | |
| 11 | | and additional nonrecurring cost; use columns G & H for elements with an initial and subsequent nonrecurring cost. | | | | | | |
| 12 | | | | | | | | |
| 13 | | | | | | | | |
| 14 | | | Nonrecurring | | Nonrecurring | Nonrecurring | Nonrecurring | Nonrecurring |
| 15 | | Cost | Expense Description | Nonrecurring | First | Additional | Initial | Subsequent |
| 16 | State | Element # | (Limited to 25 characters) | $ Amount | $ Amount | $ Amount | $ Amount | $ Amount |
| 17 | FL | H.2.2 | Average Manhole Contract Labor Cost | | | | | |
| 18 | | | | | | | | |
| 19 | | END | Maximum 10 entries per Cost Element # | | | | | |
| 20 | | | | | | | | |
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| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 1 | | CALCULATOR INPUT FORM - NONRECURRING LABOR TIMES | | | | | | | | | | | | | |
| 2 | | | | | | | | | | | | | | | |
| 3 | | Instructions: | | | | | | | | | | | | | |
| 4 | | 1. Use this worksheet to record nonrecurring non-labor expenses to be input into the TELRIC calculations. | | | | | | | | | | | | | |
| 5 | | 2. All amounts shown are per unit (e.g., per call, per loop, per MOU). | | | | | | | | | | | | | |
| 6 | | 3. Input data, by Cost Element, leaving no blank lines. On next row | | | | | | | | | | | | | |
| 7 | | after last line of data, type END in Cost Element Column. | | | | | | | | | | | | | |
| 8 | | 4. All data on this form should be cell-referenced to study workpapers. | | | | | | | | | | | | | |
| 9 | | 5. Do NOT change columns, headings, sheet name. | | | | | | | | | | | | | |
| 10 | | 6. Use columns F & G when cost element has a single nonrecurring cost; use columns H, I, J, & K for elements with a first | | | | | | | | | | | | | |
| 11 | | and additional nonrecurring cost; use columns L, M, N & O for elements with an initial and subsequent nonrecurring cost. | | | | | | | | | | | | | |
| 12 | | 7. Study midpoint date is set at 6/04. | | | | | | | | | | | | | |
| 13 | | 8. Input Cost Element Life (in months) on first row of data for each cost element. It is not necessary to repeat on each line. | | | | | | | | | | | | | |
| 14 | | | | | | | | | | | | | | | |
| 15 | Study Mid-Point Date (Mos.) | | | Jun-04 | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | (For use w/ one NR) | | First | First | Additional | Additional | Initial | Initial | Subsequent | Subsequent |
| 18 | | | Cost | | | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect |
| 19 | | Cost | Element | Labor Expense Description | JFC | Time | Time | Time | Time | Time | Time | Time | Time | Time | Time |
| 20 | State | Element# | Life (Mo) | (Limited to 25 characters) | Payband | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours |
| 21 | FL | H.2.1 | 60 | Service Inquiry | JG58 | 0.0000 | 0.0000 | | | | | | | | |
| 22 | FL | H.2.1 | 60 | Service Inquiry | 230X | 0 5000 | 0.0300 | | | | | | | | |
| 23 | FL | H.2.1 | 60 | Service Inquiry | 34XX | 0.0000 | 0.0000 | | | | | | | | |
| 24 | FL | H.2.1 | 60 | Service Inquiry | 34XX | 0.0000 | 0.0000 | | | | | | | | |
| 25 | FL | H.2.1 | 60 | Service Inquiry | 34XX | 0.0000 | 0 0000 | | | | | | | | |
| 26 | FL | H.2.1 | 60 | Service Inquiry | 32XX | 0.0000 | 0.0000 | | | | | | | | |
| 27 | FL | H.2.1 | 60 | Service Inquiry | 34XX | 0.0000 | 0.0000 | | | | | | | | |
| 28 | FL | H.2.2 | 60 | Engineering | 34XX | 0.0000 | 0.0000 | | | | | | | | |
| 29 | FL | H.2.2 | 60 | Engineering | 32XX | 0.0000 | 0.0000 | | | | | | | | |
| 30 | FL | H.2.2 | 60 | Engineering | 420X | 0.0000 | 0.0000 | | | | | | | | |
| 31 | FL | H.2.6 | 43 | Engineering | 4N4X | | | 0.0000 | 0.0000 | 0 0000 | 0.0000 | | | | |
| 32 | FL | H.2.6 | 43 | Connect & Test | 4WXX | | | 0.0000 | 0 0000 | 0.0000 | 0.0000 | | | | |
| 33 | FL | H.2.6 | 43 | Connect & Test | 4AXX | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 34 | FL | H.2.6 | 43 | Connect & Test | 431X | | | 0 0000 | 0.0000 | 0.0000 | 0 0000 | | | | |
| 35 | FL | H.2.7 | 49 | Engineering | 4N4X | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 36 | FL | H.2.7 | 49 | Connect & Test | 4WXX | | | 0.0000 | 0 0000 | 0 0000 | 0.0000 | | | | |
| 37 | FL | H.2.7 | 49 | Connect & Test | 4AXX | | | 0.0000 | 0 0000 | 0 0000 | 0 0000 | | | | |
| 38 | FL | H.2.7 | 49 | Connect & Test | 431X | | | 0 0000 | 0 0000 | 0 0000 | 0.0000 | | | | |
| 39 | FL | H.2.8 | 49 | Engineering | 4N4X | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 40 | FL | H.2.8 | 49 | Connect & Test | 4WXX | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 41 | FL | H.2.8 | 49 | Connect & Test | 4AXX | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 42 | FL | H.2.8 | 49 | Connect & Test | 431X | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 43 | FL | H.2.9 | 49 | Engineering | 4N4X | | | 0.0000 | 0.0000 | 0.0000 | 0 0000 | | | | |
| 44 | FL | H.2.9 | 49 | Connect & Test | 4WXX | | | 0.0000 | 0.0000 | 0 0000 | 0 0000 | | | | |
| 45 | FL | H.2.9 | 49 | Connect & Test | 4AXX | | | 0.0000 | 0.0000 | 0.0000 | 0 0000 | | | | |
| 46 | FL | H.2.9 | 49 | Connect & Test | 431X | | | 0 0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 47 | FL | H.2.9 | 49 | Connect & Test | 430X | | | 0.0000 | 0 0000 | 0 0000 | 0 0000 | | | | |
| 48 | FL | H.2.10 | 0 | Service Order | 230XB | | | 0.0000 | | 0.0000 | | | | | |
| 49 | FL | H.2.10 | 0 | Service Order | 431XB | | | 0.0000 | | 0.0000 | | | | | |
| 50 | FL | H.2.10 | 0 | Service Order | 4AXXB | | | 0.0000 | | 0.0000 | | | | | |
| 51 | FL | H.2.11 | 0 | Service Order | 230XO | | | 0.0000 | | 0.0000 | | | | | |
| 52 | FL | H.2.11 | 0 | Service Order | 431XO | | | 0 0000 | | 0 0000 | | | | | |
| 53 | FL | H.2.11 | 0 | Service Order | 4AXXO | | | 0 0000 | | 0.0000 | | | | | |
| 54 | FL | H.2.12 | 0 | Service Order | 230XP | | | 0.0000 | | 0.0000 | | | | | |
| 55 | FL | H.2.12 | 0 | Service Order | 431XP | | | 0.0000 | | 0.0000 | | | | | |
| 56 | FL | H.2.12 | 0 | Service Order | 4AXXP | | | 0.0000 | | 0.0000 | | | | | |

| | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 15 | Study Mid-Point Date (Mos.) | | | Jun-04 | | | | | | | | | | | |
| 16 | | | | | | | | | | | | | | | |
| 17 | | | | | | (For use w/ one NR) | | First | First | Additional | Additional | Initial | Initial | Subsequent | Subsequent |
| 18 | | | Cost | | | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect | Installation | Disconnect |
| 19 | | Cost | Element | Labor Expense Description | JFC | Time | Time | Time | Time | Time | Time | Time | Time | Time | Time |
| 20 | State | Element# | Life (Mo) | (Limited to 25 characters) | Payband | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours | (Hours) | Hours |
| 57 | FL | H.2.16 | 49 | Engineering | 4N4X | | | 0.0000 | 0 0000 | 0.0000 | 0.0000 | | | | |
| 58 | FL | H.2.16 | 49 | Connect & Test | 4WXX | | | 0.0000 | 0.0000 | 0 0000 | 0.0000 | | | | |
| 59 | FL | H.2.16 | 49 | Connect & Test | 4AXX | | | 0.0000 | 0.0000 | 0.0000 | 0 0000 | | | | |
| 60 | FL | H.2.16 | 49 | Connect & Test | 431X | | | 0.0000 | 0.0000 | 0 0000 | 0.0000 | | | | |
| 61 | FL | H.2.17 | 49 | Engineering | 4N4X | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 62 | FL | H.2.17 | 49 | Connect & Test | 4WXX | | | 0.0000 | 0.0000 | 0.0000 | 0 0000 | | | | |
| 63 | FL | H.2.17 | 49 | Connect & Test | 4AXX | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | | | | |
| 64 | FL | H.2.17 | 49 | Connect & Test | 431X | | | 0 0000 | 0 0000 | 0.0000 | 0.0000 | | | | |
| 65 | FL | H.2.20 | 0 | Connect & Test | 4AXXB | | | 0.0000 | | 0.0000 | | | | | |
| 66 | FL | H.2.20 | 0 | Connect & Test | 4WXXB | | | 0.0000 | | 0.0000 | | | | | |
| 67 | FL | H.2.20 | 0 | Connect & Test | 431XB | | | 0.0000 | | 0.0000 | | | | | |
| 68 | FL | H.2.21 | 0 | Connect & Test | 4AXXO | | | 0.0000 | | 0.0000 | | | | | |
| 69 | FL | H.2.21 | 0 | Connect & Test | 4WXXO | | | 0.0000 | | 0.0000 | | | | | |
| 70 | FL | H.2.21 | 0 | Connect & Test | 431XO | | | 0.0000 | | 0.0000 | | | | | |
| 71 | FL | H.2.22 | 0 | Connect & Test | 4AXXP | | | 0.0000 | | 0.0000 | | | | | |
| 72 | FL | H.2.22 | 0 | Connect & Test | 4WXXP | | | 0.0000 | | 0.0000 | | | | | |
| 73 | FL | H.2.22 | 0 | Connect & Test | 431XP | | | 0.0000 | | 0.0000 | | | | | |
| 74 | | | | | | | | | | | | | | | |
| 75 | | | | | | | | | | | | | | | |
| 76 | | | | | | | | | | | | | | | |
| 77 | | | | | | | | | | | | | | | |
| 78 | | END | | Maximum of 25 entries per Cost Element # | | | | | | | | | | | |
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| | A | B | C | D | E | F | G | H | I | J | K | L |
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| 1 | Florida | | | | | | | | | | | |
| 2 | Virtual Collocation Nonrecurring Inputs | | | | | | | | | | | |
| 3 | Study Period 2003-2005 | | | | | | | | | | | |
| 4 | FL | | | | | | | | | | | |
| 5 | | | | | | Time in Hours (Hrs) | | | | | | |
| 6 | | Item / Description | JFC / JG / WS | Description | Cost Element | (For use w/ one NR) | | First | | Additional | | Nonrecurring |
| 7 | Element | Source / Activity | | | Life (mos ) | Install | Disconnect | Install | Disconnect | Install | Disconnect | Additive |
| 8 | H.2 | VIRTUAL COLLOCATION | | | | | | | | | | |
| 9 | | | | | | | | | | | | |
| 10 | H.2.1 | Virtual Collocation - Application Cost | | | 60 | | | | | | | |
| 11 | | Account Team Collocation Coordinator (ATCC) | JG58 | Service Inquiry | | | | | | | | |
| 12 | | Initiation of Application | | | | | | | | | | |
| 13 | | Initial receipt & review of application in order to validate integrity of data and discussion with applicant | | | | | | | | | | |
| 14 | | Explanation of application contents and its impact to the overall project with applicant | | | | | | | | | | |
| 15 | | Includes any clarification of application information necessary for the Interdepartmental Coordinators. | | | | | | | | | | |
| 16 | | Review collocation agreement | | | | | | | | | | |
| 17 | | Review of applicant's specific terms, conditions and rates for virtual collocation | | | | | | | | | | |
| 18 | | Clarification of virtual agreement terms and conditions for evaluation of their impact specific to project | | | | | | | | | | |
| 19 | | Identification of impacting terms and conditions to Interdepartmental Coordinators (i e : unique time frames) | | | | | | | | | | |
| 20 | | Process application | | | | | | | | | | |
| 21 | | Request service order issuance for establishing a Billing Account Number (BAN) | | | | | | | | | | |
| 22 | | Gather response data from INAC | | | | | | | | | | |
| 23 | | Respond to questions from the Interdepartmental Coordinators and review the responses for clarification | | | | | | | | | | |
| 24 | | (i e - ATCC verifies response provided by Interdepartmental Team matches terms of the tariff or the ALEC's agreement) | | | | | | | | | | |
| 25 | | Preparation & distribution of response | | | | | | | | | | |
| 26 | | Update response information from the Interdepartmental Coordinators and prepare a response for the customer. | | | | | | | | | | |
| 27 | | Review of terms, conditions and rates and translation of Interdepartmental response data into written contract commitments. | | | | | | | | | | |
| 28 | | Prepare written response and cover letter | | | | | | | | | | |
| 29 | | Determine expiration date to place Bona Fide Firm Order | | | | | | | | | | |
| 30 | | Assemble response package. | | | | | | | | | | |
| 31 | | Process application fee | | | | | | | | | | |
| 32 | | Request service order issuance to bill the application fee | | | | | | | | | | |
| 33 | | | | | | | | | | | | |
| 34 | | Customer Point of Contact | 230X | Service Inquiry | | 0 5000 | 0 0300 | | | | | |
| 35 | | Receive and review fee | | | | | | | | | | |
| 36 | | Process request form | | | | | | | | | | |
| 37 | | Verify customer credit information | | | | | | | | | | |
| 38 | | Manually enter Access Service Request (ASR) with customer information | | | | | | | | | | |
| 39 | | Query mechanized system for Billing Account Number assignment | | | | | | | | | | |
| 40 | | Generate Service Order Work Aid (SOWA) & enter the appropriate application data | | | | | | | | | | |
| 41 | | Issue service order to establish billing account in order to process the application fee | | | | | | | | | | |
| 42 | | Follow up to ensure completion of service order | | | | | | | | | | |
| 43 | | | | | | | | | | | | |
| 44 | | Interexchange Network Access Coordinator (INAC) | 34XX | Service Inquiry | | | | | | | | |
| 45 | | Receive & evaluate application | | | | | | | | | | |
| 46 | | Contact Area Provisioning Team, if required | | | | | | | | | | |
| 47 | | Initiate & facilitate follow-up planning meeting w/ Area work groups & customer, if needed | | | | | | | | | | |
| 48 | | Work w/Area Team to develop plan, establish tentative schedules & identify items that | | | | | | | | | | |
| 49 | | will affect the critical date | | | | | | | | | | |
| 50 | | Serve as technical consultant to Area provisioning team, ATCC & customer for | | | | | | | | | | |
| 51 | | identification and resolution of issues | | | | | | | | | | |
| 52 | | Interface w/ Regulatory & Collo product team for policy development & issue resolution | | | | | | | | | | |
| 53 | | Review inquiry response data from Area Team | | | | | | | | | | |
| 54 | | Analyze data & determine project schedule | | | | | | | | | | |
| 55 | | Resolve network issues | | | | | | | | | | |
| 56 | | Review response data & notify ATCC that inquiry is complete | | | | | | | | | | |
| 57 | | | | | | | | | | | | |
| 58 | | Common Systems Capacity Management (CSCM) | 34XX | Service Inquiry | | | | | | | | |
| 59 | | Review application for space, power & cabling requirements | | | | | | | | | | |
| 60 | | Perform space selection & assignment | | | | | | | | | | |
| 61 | | Coordinate cable & power requirements with CSCM field | | | | | | | | | | |
| 62 | | Complete application response data related to the above items | | | | | | | | | | |
| 63 | | | | | | | | | | | | |
| 64 | | Circuit Capacity Management (CCM) | 34XX | Service Inquiry | | | | | | | | |
| 65 | | Receive & review service inquiry | | | | | | | | | | |
| 66 | | Interface with INAC & account team to discuss application | | | | | | | | | | |
| 67 | | Interface with CSCM & other network groups to discuss application | | | | | | | | | | |
| 68 | | | | | | | | | | | | |
| 69 | | Outside Plant Engineering | 32XX | Service Inquiry | | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 70 | | Determine availability of duct space, research options for point of interconnect & | | | | | | | | | | |
| 71 | | submit inquiry response | | | | | | | | | | |
| 72 | | | | | | | | | | | | |
| 73 | | Power Capacity Mgmt. | 34XX | Service Inquiry | | | | | | | | |
| 74 | | Review request | | | | | | | | | | |
| 75 | | | | | | | | | | | | |
| 76 | H.2.2 | Virtual Collocation - Fiber Entrance Cable Installation per Cable | | | 60 | | | | | | | |
| 77 | | Common Systems Capacity Management (CSCM) | 34XX | Engineering | | | | | | | | |
| 78 | | Coordinate w/ OSP construction to plan riser cable installation | | | | | | | | | | |
| 79 | | | | | | | | | | | | |
| 80 | | Outside Plant Engineering | 32XX | Engineering | | | | | | | | |
| 81 | | Meet w/ collocator to determine point of interconnect | | | | | | | | | | |
| 82 | | Prepare work prints | | | | | | | | | | |
| 83 | | Create cable/pair for assignment | | | | | | | | | | |
| 84 | | Prepare inventory for collocator cable | | | | | | | | | | |
| 85 | | Draft work order for OSP construction | | | | | | | | | | |
| 86 | | Schedule work order for OSP construction | | | | | | | | | | |
| 87 | | ~~Coordinate with Master Contractor for manhole entry~~ | | | | | | | | | | |
| 88 | | | | | | | | | | | | |
| 89 | | Outside Plant Construction | 420X | Engineering | | | | | | | | |
| 90 | | Work area protection, place & remove | | | | | | | | | | |
| 91 | | ~~Place pull wire & pull cable into building~~ | | | | | | | | | | |
| 92 | | ~~Place & rack cable in CO~~ | | | | | | | | | | |
| 93 | | Splice & test cable | | | | | | | | | | |
| 94 | | Travel | | | | | | | | | | |
| 95 | | | | | | | | | | | | |
| 96 | | Manhole Contract Labor | | | | | | | | | | |
| 97 | | Indian River | | | | | | | | | | |
| 98 | | Jacksonville | | | | | | | | | | |
| 99 | | North Central | | | | | | | | | | |
| 100 | | Orlando / Sanford | | | | | | | | | | |
| 101 | | Pensacola / Panama City | | | | | | | | | | |
| 102 | | Broward | | | | | | | | | | |
| 103 | | Florida Keys | | | | | | | | | | |
| 104 | | North Dade | | | | | | | | | | |
| 105 | | Palm Beach | | | | | | | | | | |
| 106 | | South Dade | | | | | | | | | | |
| 107 | | Number of Sites | | | | | | | | | | 10 |
| 108 | | | | | | | | | | | | |
| 109 | H.2.6 | Virtual Collocation - 2-Wire Cross Connects | | | 43 | | | | | | | |
| 110 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 111 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 112 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 113 | | CO Install & Mtce Field (SL1) | 431X | Connect & Test | | | | | | | | |
| 114 | | CO Install & Mtce Field (SL2) | 431X | Connect & Test | | | | | | | | |
| 115 | | Percent SL1 (nondesign) | | | | | | | | | | |
| 116 | | Percent SL2 (design) | | | | | | | | | | |
| 117 | | | | | | | | | | | | |
| 118 | H.2.7 | Virtual Collocation - 4-Wire Cross Connects | | | 49 | | | | | | | |
| 119 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 120 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 121 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 122 | | CO Install & Mtce Field | 431X | Connect & Test | | | | | | | | |
| 123 | | | | | | | | | | | | |
| 124 | | PRIVATE / PROPRIETARY: No disclosure outside BellSouth except by written agreement | | | | | | | | | | |
| 125 | H.2.8 | Virtual Collocation - DS1 Cross Connects | | | 49 | | | | | | | |
| 126 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 127 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 128 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 129 | | CO Install & Mtce Field | 431X | Connect & Test | | | | | | | | |
| 130 | | | | | | | | | | | | |
| 131 | H.2.9 | Virtual Collocation - DS3 Cross Connects | | | 49 | | | | | | | |
| 132 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 133 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 134 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 135 | | CO Install & Mtce Field | 431X | Connect & Test | | | | | | | | |
| 136 | | CO Install & Mtce Field | 430X | Connect & Test | | | | | | | | |
| 137 | | | | | | | | | | | | |
| 138 | H.2.10 | Virtual Collocation - Security Escort - Basic, per Half Hour | | | 0 | | | | | | | |

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|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 139 | | Customer Point of Contact | 230XB | Service Order | | | | | | | | |
| 140 | | Contacted to bill for Security Escort | | | | | | | | | | |
| 141 | | | | | | | | | | | | |
| 142 | | CO Install & Mtce Field - Ckt & Fac | 431XB | Service Order | | | | | | | | |
| 143 | | Provides escort on a per 30 minute basis | | | | | | | | | | |
| 144 | | | | | | | | | | | | |
| 145 | | Access Customer Advocate Center | 4AXXB | Service Order | | | | | | | | |
| 146 | | Contacted by customer to schedule security escort | | | | | | | | | | |
| 147 | | | | | | | | | | | | |
| 148 | H.2.11 | **Virtual Collocation - Security Escort - Overtime, per Half Hour** | | | 0 | | | | | | | |
| 149 | | Customer Point of Contact | 230XO | Service Order | | | | | | | | |
| 150 | | Contacted to bill for Security Escort | | | | | | | | | | |
| 151 | | | | | | | | | | | | |
| 152 | | CO Install & Mtce Field - Ckt & Fac | 431XO | Service Order | | | | | | | | |
| 153 | | Provides escort on a per 30 minute basis | | | | | | | | | | |
| 154 | | | | | | | | | | | | |
| 155 | | Access Customer Advocate Center | 4AXXO | Service Order | | | | | | | | |
| 156 | | Contacted by customer to schedule security escort | | | | | | | | | | |
| 157 | | | | | | | | | | | | |
| 158 | H.2.12 | **Virtual Collocation - Security Escort - Premium, per Half Hour** | | | 0 | | | | | | | |
| 159 | | Customer Point of Contact | 230XP | Service Order | | | | | | | | |
| 160 | | Contacted to bill for Security Escort | | | | | | | | | | |
| 161 | | | | | | | | | | | | |
| 162 | | CO Install & Mtce Field - Ckt & Fac | 431XP | Service Order | | | | | | | | |
| 163 | | Provides escort on a per 30 minute basis | | | | | | | | | | |
| 164 | | | | | | | | | | | | |
| 165 | | Access Customer Advocate Center | 4AXXP | Service Order | | | | | | | | |
| 166 | | Contacted by customer to schedule security escort | | | | | | | | | | |
| 167 | | | | | 49 | | | | | | | |
| 168 | H.2.16 | **Virtual Collocation - 2-Fiber Cross Connect** | | | | | | | | | | |
| 169 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 170 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 171 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 172 | | CO Install & Mtce Field | 431X | Connect & Test | | | | | | | | |
| 173 | | | | | 49 | | | | | | | |
| 174 | H.2.17 | **Virtual Collocation - 4-Fiber Cross Connect** | | | | | | | | | | |
| 175 | | Circuit Provisioning Group (CPG) | 4N4X | Engineering | | | | | | | | |
| 176 | | Work Management Center (WMC) | 4WXX | Connect & Test | | | | | | | | |
| 177 | | Customer Wholesale Interconnection Network Services (C-WINS) (Formerly UNEC) | 4AXX | Connect & Test | | | | | | | | |
| 178 | | CO Install & Mtce Field | 431X | Connect & Test | | | | | | | | |
| 179 | | | | | 0 | | | | | | | |
| 180 | H.2.20 | **Virtual Collocation - Maintenance in the C. O. - Basic, per Half Hour** | | | | | | | | | | |
| 181 | | Access Customer Advocate Center | 4AXXB | Connect & Test | | | | | | | | |
| 182 | | Work Management Center | 4WXXB | Connect & Test | | | | | | | | |
| 183 | | CO Install & Mtce Field - Ckt & Fac | 431XB | Connect & Test | | | | | | | | |
| 184 | | | | | 0 | | | | | | | |
| 185 | H.2.21 | **Virtual Collocation - Maintenance in the C. O. - Overtime, per Half Hour** | | | | | | | | | | |
| 186 | | Access Customer Advocate Center | 4AXXO | Connect & Test | | | | | | | | |
| 187 | | Work Management Center | 4WXXO | Connect & Test | | | | | | | | |
| 188 | | CO Install & Mtce Field - Ckt & Fac | 431XO | Connect & Test | | | | | | | | |
| 189 | | | | | 0 | | | | | | | |
| 190 | H.2.22 | **Virtual Collocation - Maintenance in the C. O. - Premium, per Half Hour** | | | | | | | | | | |
| 191 | | Access Customer Advocate Center | 4AXXP | Connect & Test | | | | | | | | |
| 192 | | Work Management Center | 4WXXP | Connect & Test | | | | | | | | |
| 193 | | CO Install & Mtce Field - Ckt & Fac | 431XP | Connect & Test | | | | | | | | |
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| 1 | Florida | | | | | | |
| 2 | Virtual Collocation Recurring Inputs | | | | | | |
| 3 | Study Period 2003-2005 | | | | | | |
| 4 | | | | | | | |
| 5 | FL | | | | | | |
| 6 | Element | Item / Description | | | Source | Amount | Recurring Additive |
| 7 | # | Description | FRC | SubFRC | | | |
| 8 | | | | | | | |
| 9 | H.2 | VIRTUAL COLLOCATION | | | | | |
| 10 | | | | | | | |
| 11 | H.2.3 | Virtual Collocation - Floor Space per Square Foot | 20C | 00 | | | |
| 12 | | | 10C | 00 | Corporate Real Estate | | |
| 13 | | | | | | | |
| 14 | | Percent land (to land and building totals) | | | Cost Fundamentals | | |
| 15 | | Percent building (to land and building totals) | | | Cost Fundamentals | | |
| 16 | | | | | | | |
| 17 | H.2.4 | Virtual Collocation - Power, Per Fused Ampere | 377CP | 00 | Power Capacity Management | | |
| 18 | | Monthly Power Usage | | | | | |
| 19 | | Average Monthly Cost per KWH | | | Power Capacity Management | | |
| 20 | | Volts | | | Power Capacity Management | | |
| 21 | | Rectifier Efficiency | | | Power Capacity Management | | |
| 22 | | Average Number of Hours per Month | | | Power Capacity Management | | |
| 23 | | Protection Device Adjustment | | | Power Capacity Management | | |
| 24 | | | | | | | |
| 25 | H.2.5 | Virtual Collocation - Cable Support Structure, Per Fiber Entrance Cable | | | | | |
| 26 | | Installed Investment per Foot | 357C | 16 | Network Planning & Support | | |
| 27 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 28 | | Cable Capacity | | | Network Planning & Support | | |
| 29 | | Average Cable Length | | | Network Planning & Support | | |
| 30 | | | | | | | |
| 31 | H.2.6 | Virtual Collocation - 2-Wire Cross Connects | 377C | 05 | | | |
| 32 | | Distributing Frame | | | | | |
| 33 | | Material Price | | | MDF_Fund xls | | |
| 34 | | Projected Actual Utilization | | | MDF_Fund.xls | | |
| 35 | | Circuit Capacity | | | MDF_Fund.xls | | |
| 36 | | Number Required | | | Network Planning & Support | | |
| 37 | | Cable Rack | 377C | 11 | | | |
| 38 | | Material Price per foot | | | Network Planning & Support | | |
| 39 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 40 | | Circuit Capacity | | | Network Planning & Support | | |
| 41 | | Number feet | | | Network Planning & Support | | |
| 42 | | | | | | | |
| 43 | H.2.7 | Virtual Collocation - 4-Wire Cross Connects | 377C | 05 | | | |
| 44 | | Distributing Frame | | | | | |
| 45 | | Material Price | | | MDF_Fund xls | | |
| 46 | | Projected Actual Utilization | | | MDF_Fund xls | | |
| 47 | | Circuit Capacity | | | MDF_Fund xls | | |
| 48 | | Number Required | | | Network Planning & Support | | |
| 49 | | Cable Rack | 377C | 11 | | | |
| 50 | | Material Price per foot | | | Network Planning & Support | | |
| 51 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 52 | | Circuit Capacity | | | Network Planning & Support | | |
| 53 | | Number feet | | | Network Planning & Support | | |
| 54 | | | | | | | |
| 55 | H.2.8 | Virtual Collocation - DS1 Cross Connects | 357C | 01 | | | |
| 56 | | DSX-1 Panel | | | | | |
| 57 | | Material Price | | | DS1 Price Calculator | | |
| 58 | | Projected Actual Utilization | | | DS1 Price Calculator | | |
| 59 | | Cable Rack | | | | | |
| 60 | | Material Price per foot | | | Network Planning & Support | | |
| 61 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 62 | | Circuit Capacity | | | Network Planning & Support | | |
| 63 | | Number feet | | | Network Planning & Support | | |
| 64 | | | | | | | |

| | A | B | C | D | E | F | G |
|---|---|---|---|---|---|---|---|
| 65 | H.2.9 | **Virtual Collocation - DS3 Cross Connects** | 357C | 01 | | | |
| 66 | | **DSX-3 Panel** | | | | | |
| 67 | | Material Price | | | DS1 Price Calculator | | |
| 68 | | Projected Actual Utilization | | | DS1 Price Calculator | | |
| 69 | | **Cable Rack** | | | | | |
| 70 | | Material Price per foot | | | Network Planning & Support | | |
| 71 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 72 | | Circuit Capacity | | | Network Planning & Support | | |
| 73 | | Number feet | | | Network Planning & Support | | |
| 74 | | | | | | | |
| 75 | H.2.16 | **Virtual Collocation - 2-Fiber Cross Connect** | 357C | 01 | | | |
| 76 | | **LGX Bay** | | | | | |
| 77 | | Material Price | | | Network Planning & Support | | |
| 78 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 79 | | Number Required | | | | | |
| 80 | | **Fiber Duct** | | | | | |
| 81 | | Material Price per Foot | | | Network Planning & Support | | |
| 82 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 83 | | Number Feet | | | Network Planning & Support | | |
| 84 | | Fiber Circuit Capacity | | | Network Planning & Support | | |
| 85 | | Number Required | | | Network Planning & Support | | |
| 86 | | | | | | | |
| 87 | H.2.17 | **Virtual Collocation - 4-Fiber Cross Connect** | 357C | 01 | | | |
| 88 | | **LGX Bay** | | | | | |
| 89 | | Material Price | | | Network Planning & Support | | |
| 90 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 91 | | Number Required | | | Network Planning & Support | | |
| 92 | | **Fiber Duct** | | | | | |
| 93 | | Material Price per Foot | | | Network Planning & Support | | |
| 94 | | Projected Actual Utilization | | | Network Planning & Support | | |
| 95 | | Number Feet | | | Network Planning & Support | | |
| 96 | | Fiber Circuit Capacity | | | Network Planning & Support | | |
| 97 | | Number Required | | | Network Planning & Support | | |
| 98 | | | | | | | |
| 99 | H.2.30 | **Virtual Collocation - Power per Used Ampere** | | | | | |
| 100 | | Power Distribution | 377CP | 00 | | | |
| 101 | | Average Investment per Used Amp | | | Power Capacity Management | | |
| 102 | | Average Monthly Cost per KWH | | | Power Capacity Management | | |
| 103 | | Volts | | | Power Capacity Management | | |
| 104 | | Average Number of Hours per Month | | | Power Capacity Management | | |
| 105 | | Rectifier Efficiency | | | Power Capacity Management | | |
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| | A | B | C |
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| 1 | Florida | | |
| 2 | Virtual Collocation - Fiber Entrance Cable Installation per Cable | | |
| 3 | Study Period: 2003-2005 | | |
| 4 | | | |
| 5 | Element # H.2.2 | | |
| 6 | Item / Description | Source | Amount |
| 7 | Area | | |
| 8 | | | |
| 9 | **Manhole Contract Labor** | | |
| 10 | Indian River | INPUTS_Nonrecurring Line 97 | |
| 11 | Jacksonville | INPUTS_Nonrecurring Line 98 | |
| 12 | North Central | INPUTS_Nonrecurring Line 99 | |
| 13 | Orlando / Sanford | INPUTS_Nonrecurring Line 100 | |
| 14 | Pensacola / Panama City | INPUTS_Nonrecurring Line 101 | |
| 15 | Broward | INPUTS_Nonrecurring Line 102 | |
| 16 | Florida Keys | INPUTS_Nonrecurring Line 103 | |
| 17 | North Dade | INPUTS_Nonrecurring Line 104 | |
| 18 | Palm Beach | INPUTS_Nonrecurring Line 105 | |
| 19 | South Dade | INPUTS_Nonrecurring Line 106 | |
| 20 | **Number of Sites** | INPUTS_Nonrecurring Line 107 | |
| 21 | | | |
| 22 | **Average Manhole Contract Labor Cost** | ~~Sum(Line10...Line18) ÷ Line20~~ | |
| 23 | | | |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - Floor Space per Square Foot | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.3 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | Virtual Collocation - Floor Space per Square Foot | **10C** | **00** | INPUTS_Recurring Line 12 | |
| 10 | | | | | |
| 11 | Percent land (to land and building totals) | | | INPUTS_Recurring Line 14 | |
| 12 | | | | | |
| 13 | Percent building (to land and building totals) | | | INPUTS_Recurring Line 15 | |
| 14 | | | | | |
| 15 | Land / Building Factor | | | Line 11 ÷ Line 13 | #DIV/0! |
| 16 | | | | | |
| 17 | Land Investment | **20C** | **00** | Line 9 × Line 15 | #DIV/0! |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - Power, Per Fused Ampere | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.4 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | Average Monthly Cost per KWH | | | INPUTS_Recurring Line 19 | |
| 10 | | | | | |
| 11 | Volts | | | INPUTS_Recurring Line 20 | - |
| 12 | | | | | |
| 13 | Rectifier Efficiency | | | INPUTS_Recurring Line 21 | |
| 14 | | | | | |
| 15 | Average Number of Hours per Month | | | INPUTS_Recurring Line 22 | - |
| 16 | | | | | |
| 17 | Protection Device Adjustment | | | INPUTS_Recurring Line 23 | |
| 18 | | | | | |
| 19 | Power Usage Monthly Cost | | | Ln9 + 1000 x Ln11 + Ln13 x Ln15 x Ln17 | #DIV/0! |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - Cable Support Structure, Per Fiber Entrance Cable | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.5 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | Installed Investment per Foot | | | INPUTS_Recurring Line 26 | |
| 10 | | | | | |
| 11 | Projected Actual Utilization | | | INPUTS_Recurring Line 27 | |
| 12 | | | | | |
| 13 | Cable Capacity | | | INPUTS_Recurring Line 28 | - |
| 14 | | | | | |
| 15 | Average Cable Length | | | INPUTS_Recurring Line 29 | - |
| 16 | | | | | |
| 17 | Installed Investment per Cable | **357C** | **16** | Line 9 + Line 11 + Line 13 × Line 15 | #DIV/0! |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - 2-Wire Cross Connects | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.6 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **Distributing Frame** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 33 | |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 34 | |
| 14 | | | | | |
| 15 | Circuit Capacity | | | INPUTS_Recurring Line 35 | - |
| 16 | | | | | |
| 17 | Number Required | | | INPUTS_Recurring Line 36 | - |
| 18 | | | | | |
| 19 | Utilized Material Price per Circuit | **377C** | **05** | Line11 + Line13 + Line15 × Line17 | #DIV/0! |
| 20 | | | | | |
| 21 | **Cable Rack** | | | | |
| 22 | | | | | |
| 23 | Material Price per foot | | | INPUTS_Recurring Line 38 | |
| 24 | | | | | |
| 25 | Projected Actual Utilization | | | INPUTS_Recurring Line 39 | 0.00% |
| 26 | | | | | |
| 27 | Circuit Capacity | | | INPUTS_Recurring Line 40 | - |
| 28 | | | | | |
| 29 | Number feet | | | INPUTS_Recurring Line 41 | - |
| 30 | | | | | |
| 31 | Utilized Material Price per Circuit | **377C** | **11** | Line23 + Line25 + Line27 × Line29 | #DIV/0! |
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| | A | B | C | D | E | F | G | H |
|---|---|---|---|---|---|---|---|---|
| 1 | Florida | | | | | | | |
| 2 | Virtual Collocation - 2-Wire Cross Connects | | | | | | | |
| 3 | Study Period: 2003-2005 | | | | | | | |
| 4 | | | | | | | | |
| 5 | Element #: H.2.6 | | | | | | | |
| 6 | Item / Description | | Source | Percent | First | | Additional | |
| 7 | Description | JFC/JG/WS | | | Install | Disconnect | Install | Disconnect |
| 8 | | | | | | | | |
| 9 | Virtual Collocation - 2-Wire Cross Connects | | | | | | | |
| 10 | | | | | | | | |
| 11 | Percent SL2 (design) | | INPUTS_Nonrecurring Line 116 | 0 | | | | |
| 12 | | | | | | | | |
| 13 | Circuit Provisioning Group (CPG) | 4N4X | INPUTS_Nonrecurring Line 110 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 14 | | | | | | | | |
| 15 | Total | | Line12 x Line14 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 16 | | | | | | | | |
| 17 | Percent SL1 (nondesign) | | INPUTS_Nonrecurring Line 115 | 0 | | | | |
| 18 | | | | | | | | |
| 19 | CO Install & Mtce Field (SL1) | 431X | INPUTS_Nonrecurring Line 113 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 20 | | | | | | | | |
| 21 | Percent SL2 (design) | | INPUTS_Nonrecurring Line 116 | 0 | | | | |
| 22 | | | | | | | | |
| 23 | CO Install & Mtce Field (SL2) | 431X | INPUTS_Nonrecurring Line 114 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 24 | | | | | | | | |
| 25 | Total CO Install & Field | | Ln 18 x Ln 20 + Ln 22 x Ln 24 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
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| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | Florida | | | | |
| 2 | Virtual Collocation - 4-Wire Cross Connects | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.7 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **Distributing Frame** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 45 | |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 46 | |
| 14 | | | | | |
| 15 | Circuit Capacity | | | INPUTS_Recurring Line 47 | - |
| 16 | | | | | |
| 17 | Number Required | | | INPUTS_Recurring Line 48 | - |
| 18 | | | | | |
| 19 | Utilized Material Price per Circuit | **377C** | **05** | Line11 ÷ Line13 ÷ Line15 × Line17 | #DIV/0! |
| 20 | | | | | |
| 21 | **Cable Rack** | | | | |
| 22 | | | | | |
| 23 | Material Price per foot | | | INPUTS_Recurring Line 50 | |
| 24 | | | | | |
| 25 | Projected Actual Utilization | | | INPUTS_Recurring Line 51 | |
| 26 | | | | | |
| 27 | Circuit Capacity | | | INPUTS_Recurring Line 52 | - |
| 28 | | | | | |
| 29 | Number feet | | | INPUTS_Recurring Line 53 | - |
| 30 | | | | | |
| 31 | Utilized Material Price per Circuit | **377C** | **11** | Line23 ÷ Line25 ÷ Line27 × Line29 | #DIV/0! |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - DS1 Cross Connects | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.8 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **DSX-1 Panel** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 57 | |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 58 | |
| 14 | | | | | |
| 15 | Utilized Material Price per Circuit | | | Line 11 ÷ Line 13 | #DIV/0! |
| 16 | | | | | |
| 17 | **Cable Rack** | | | | |
| 18 | | | | | |
| 19 | Material Price per foot | | | INPUTS_Recurring Line 60 | |
| 20 | | | | | |
| 21 | Projected Actual Utilization | | | INPUTS_Recurring Line 61 | |
| 22 | | | | | |
| 23 | Circuit Capacity | | | INPUTS_Recurring Line 62 | - |
| 24 | | | | | |
| 25 | Number feet | | | INPUTS_Recurring Line 63 | - |
| 26 | | | | | |
| 27 | Utilized Material Price per Circuit | | | Line19 ÷ Line21 ÷ Line23 × Line25 | #DIV/0! |
| 28 | | | | | |
| 29 | Total Utilized Material Price per Circuit | **357C** | **01** | Line 15 + Line 27 | #DIV/0! |
| 30 | | | | | |
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| | A | B | C | D | E |
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| 1 | Florida | | | | |
| 2 | Virtual Collocation - DS3 Cross Connects | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.9 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **DSX-3 Panel** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 67 | |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 68 | |
| 14 | | | | | |
| 15 | Utilized Material Price per Circuit | | | Line 11 + Line 13 | #DIV/0! |
| 16 | | | | | |
| 17 | **Cable Rack** | | | | |
| 18 | | | | | |
| 19 | Material Price per foot | | | INPUTS_Recurring Line 70 | |
| 20 | | | | | |
| 21 | Projected Actual Utilization | | | INPUTS_Recurring Line 71 | |
| 22 | | | | | |
| 23 | Circuit Capacity | | | INPUTS_Recurring Line 72 | - |
| 24 | | | | | |
| 25 | Number feet | | | INPUTS_Recurring Line 73 | - |
| 26 | | | | | |
| 27 | Utilized Material Price per Circuit | | | Line19 + Line21 + Line23 x Line25 | #DIV/0! |
| 28 | | | | | |
| 29 | Total Utilized Material Price per Circuit | **357C** | **01** | Line 15 + Line 27 | #DIV/0! |
| 30 | | | | | |
| 31 | | | | | |
| 32 | | | | | |
| 33 | | | | | |
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| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | Florida | | | | |
| 2 | Virtual Collocation - 2-Fiber Cross Connect | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.16 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **LGX Bay** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 77 | |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 78 | |
| 14 | | | | | |
| 15 | Number Required | | | INPUTS_Recurring Line 79 | - |
| 16 | | | | | |
| 17 | Utilized Material Price | | | Line 11 ÷ Line 13 × Line 15 | #DIV/0! |
| 18 | | | | | |
| 19 | **Fiber Duct** | | | | |
| 20 | | | | | |
| 21 | Material Price per Foot | | | INPUTS_Recurring Line 81 | |
| 22 | | | | | |
| 23 | Projected Actual Utilization | | | INPUTS_Recurring Line 82 | |
| 24 | | | | | |
| 25 | Number Feet | | | INPUTS_Recurring Line 83 | - |
| 26 | | | | | |
| 27 | Fiber Circuit Capacity | | | INPUTS_Recurring Line 84 | - |
| 28 | | | | | |
| 29 | Number Required | | | INPUTS_Recurring Line 85 | - |
| 30 | | | | | |
| 31 | Utilized Material Price | | | Ln21 ÷ Ln23 × Ln25 ÷ Ln27 × Ln29 | #DIV/0! |
| 32 | | | | | |
| 33 | Total Utilized Material Price per Circuit | **357C** | **01** | Line 17 + Line 31 | #DIV/0! |
| 34 | | | | | |
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| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | Florida | | | | |
| 2 | Virtual Collocation - 4-Fiber Cross Connect | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | Element # H.2.17 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **LGX Bay** | | | | |
| 10 | | | | | |
| 11 | Material Price | | | INPUTS_Recurring Line 89 | $0.000 |
| 12 | | | | | |
| 13 | Projected Actual Utilization | | | INPUTS_Recurring Line 90 | 0.00% |
| 14 | | | | | |
| 15 | Number Required | | | INPUTS_Recurring Line 91 | - |
| 16 | | | | | |
| 17 | Utilized Material Price | | | Line 11 ÷ Line 13 × Line 15 | #DIV/0! |
| 18 | | | | | |
| 19 | **Fiber Duct** | | | | |
| 20 | | | | | |
| 21 | Material Price per Foot | | | INPUTS_Recurring Line 94 | |
| 22 | | | | | |
| 23 | Projected Actual Utilization | | | INPUTS_Recurring Line 95 | |
| 24 | | | | | |
| 25 | Number Feet | | | INPUTS_Recurring Line 96 | - |
| 26 | | | | | |
| 27 | Fiber Circuit Capacity | | | INPUTS_Recurring Line 97 | - |
| 28 | | | | | |
| 29 | Number Required | | | INPUTS_Recurring Line 98 | - |
| 30 | | | | | |
| 31 | Utilized Material Price | | | Ln21 ÷ Ln23 × Ln25 ÷ Ln27 × Ln29 | #DIV/0! |
| 32 | | | | | |
| 33 | Total Utilized Material Price per Circuit | **357C** | **01** | Line 17 + Line 31 | #DIV/0! |
| 34 | | | | | |
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| | A | B | C | D | E |
|---|---|---|---|---|---|
| 1 | Florida | | | | |
| 2 | Virtual Collocation: Development of Power Costs, per Used AMP | | | | |
| 3 | Study Period: 2003-2005 | | | | |
| 4 | | | | | |
| 5 | H.2.30 | | | | |
| 6 | Item / Description | | | Source | Amount |
| 7 | Description | FRC | Sub FRC | | |
| 8 | | | | | |
| 9 | **Power Distribution** | **377CP** | **00** | | |
| 10 | | | | | |
| 11 | Average Investment per Used Amp | | | INPUTS_Recurring Line 101 | |
| 12 | | | | | |
| 13 | Average Monthly Cost per KWH | | | INPUTS_Recurring Line 102 | |
| 14 | | | | | |
| 15 | Volts | | | INPUTS_Recurring Line 103 | |
| 16 | | | | | |
| 17 | Average Number of Hours per Month | | | INPUTS_Recurring Line 104 | |
| 18 | | | | | |
| 19 | Rectifier Efficiency | | | INPUTS_Recurring Line 105 | |
| 20 | | | | | |
| 21 | Monthly Cost Power Usage | | | Ln13 + 1000 × Ln15 × Ln17 + Ln19 | #DIV/0! |
| 22 | | | | | |
| 23 | | | | | |
| 24 | | | | | |
| 25 | | | | | |
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**BellSouth Cost Calculator 2.6 - Element Summary Report**

| | |
|---|---|
| Study Name: | Florida Collocation |
| State: | Florida |
| Scenario: | Sprint Updated Common Factor |
| Study Type: | TELRIC |

| Cost Element | Description | Recurring | Non Recurring | Non-Recurring First | Non-Recurring Additional | Non-Recurring Initial | Non-Recurring Subsequent |
|---|---|---|---|---|---|---|---|
| H.0 | COLLOCATION | | | | | | |
| H.1 | PHYSICAL COLLOCATION | | | | | | |
| H.1.1 | Physical Collocation - Application Cost - Initial | | $2,973 | | | | |
| H.1 1 | Physical Collocation - Application Cost - Initial - Disconnect Only | | $1.28 | | | | |
| H.1 5 | Physical Collocation - Fiber Entrance Cable Installation, per Cable | | $519.22 | | | | |
| H 1.5 | Physical Collocation - Fiber Entrance Cable Installation, per Cable - Disconnect Only | | $46 79 | | | | |
| H.1.6 | Physical Collocation - Floor Space per Sq. Ft. | $3.70 | | | | | |
| H.1 7 | Physical Collocation - Cable Support Structure per Fiber Entrance Cable | $1.10 | | | | | |
| H.1 8 | Physical Collocation - Power per Fused Amp | $3 92 | | | | | |
| H.1.9 | Physical Collocation - 2-Wire Cross-Connects | $0.0218 | | | | | |
| H.1.10 | Physical Collocation - 4-Wire Cross-Connects | $0.0435 | | | | | |
| H.1 11 | Physical Collocation - DS1 Cross-Connects | $0.3971 | | | | | |
| H.1 12 | Physical Collocation - DS3 Cross-Connects | $4.37 | | | | | |
| H 1.13 | Physical Collocation - 2-Wire POT Bay | $0.0189 | | | | | |
| H.1.14 | Physical Collocation - 4-Wire POT Bay | $0.0378 | | | | | |
| H 1.15 | Physical Collocation - DS1 POT Bay | $0.3590 | | | | | |
| H 1.16 | Physical Collocation - DS3 POT Bay | $2.01 | | | | | |
| H.1 17 | Physical Collocation - Security Escort - Basic, per Half Hour | | | $35.91 | $23.53 | | |
| H.1.18 | Physical Collocation - Security Escort - Overtime, per Half Hour | | | $47.63 | $30 83 | | |
| H.1.19 | Physical Collocation - Security Escort - Premium, per Half Hour | | | $59.36 | $38.13 | | |
| H.1.23 | Physical Collocation - Welded Wire Cage - First 100 Sq. Ft. | $96.10 | | | | | |
| H.1 24 | Physical Collocation - Welded Wire Cage - Add'l 50 Sq. Ft. | $11.10 | | | | | |
| H.1.31 | Physical Collocation - 2-Fiber Cross-Connect | $1.80 | | | | | |
| H 1.32 | Physical Collocation - 4-Fiber Cross-Connect | $3.50 | | | | | |
| H.1.33 | Physical Collocation - 2-Fiber POT Bay | $11.98 | | | | | |
| H.1.34 | Physical Collocation - 4-fiber POT Bay | $16.17 | | | | | |
| H.1.37 | Physical Collocation - Security Access System - Security System per square Foot per Central Office | $0.0130 | | | | | |
| H.1.38 | Physical Collocation - Security Access System - New Access Card Activation, per Card | | $27.51 | | | | |
| H.1.39 | Physical Collocation - Security Access System - Administrative Change, existing Access Card, per Card | | $9.43 | | | | |
| H.1.40 | Physical Collocation - Security Access System - Replace Lost or Stolen Card, per Card | | $11.32 | | | | |
| H.1.41 | Physical Collocation - Space Preparation - C.O. Modification per square ft. | $0.00 | | | | | |
| H.1.42 | Physical Collocation - Space Preparation - Common Systems Modification per square ft. - Cageless | $0.00 | | | | | |
| H 1.43 | Physical Collocation - Space Preparation - Common Systems Modification per Cage | $0.00 | | | | | |
| H.1.45 | Physical Collocation - Space Preparation - Firm Order Processing | | $306.67 | | | | |
| H.1.46 | Physical Collocation - Application Cost - Subsequent | | $1,730 | | | | |
| H 1 46 | Physical Collocation - Application Cost - Subsequent - Disconnect Only | | $1.28 | | | | |
| H.1.47 | Physical Collocation - Space Availability Report per C.O. | | $120.13 | | | | |
| H.1 48 | Physical Collocation: Co-Carrier Cross-Connect Fiber Cable Support Structure, per Linear Ft. per Cable | $0 0008 | | | | | |
| H.1.49 | Physical Collocation: Co-Carrier Cross-Connect Copper or Coaxial Cable Support Structure, per Linear Ft. per Cable | $0.0012 | | | | | |
| H.1.50 | Physical Collocation - 120V, Single Phase Standby Power Cost | $5.59 | | | | | |
| H.1.51 | Physical Collocation - 240V, Single Phase Standby Power Cost | $11.20 | | | | | |

**BellSouth Cost Calculator 2.6 - Element Summary Report**

| | |
|---|---|
| Study Name: | Florida Collocation |
| State: | Florida |
| Scenario: | Sprint Updated Common Factor |
| Study Type: | TELRIC |

| Cost Element | Description | Recurring | Non Recurring | Non-Recurring First | Non-Recurring Additional | Non-Recurring Initial | Non-Recurring Subsequent |
|---|---|---|---|---|---|---|---|
| H.1.52 | Physical Collocation - 120V, Three Phase Standby Power Cost | $16.79 | | | | | |
| H.1.53 | Physical Collocation - 277V, Three Phase Standby Power Cost | $38.76 | | | | | |
| H.1.54 | Physical Collocation - Security Access - Initial Key, per Key | | $12.04 | | | | |
| H.1.55 | Physical Collocation - Security Access - Key, Replace Lost or Stolen Key, per Key | | $12.04 | | | | |
| H.1.56 | Physical Collocation - Copper Entrance Cable Support Structure, Per Each 100 Pairs | $0.1475 | | | | | |
| H.1.57 | Physical Collocation - Copper Entrance Cable Installation, Per Cable | | $614.80 | | | | |
| H.1.57 | Physical Collocation - Copper Entrance Cable Installation, Per Cable - Disconnect Only | | $24.26 | | | | |
| H.1.58 | Physical Collocation - Copper Entrance Cable Installation, Per Each 100 Pairs | | $19.81 | | | | |
| H.1.59 | Subsequent Application for Co-Carrier Cross Connect per Occurrence | | $602.75 | | | | |
| H.1.60 | Physical Collocation - Power Reduction Application Fee | | $227.53 | | | | |
| H.1.61 | Physical Collocation - Administration Only Application Fee | | $812.02 | | | | |
| H.1.61 | Physical Collocation - Administration Only Application Fee - Disconnect Only | | $1.28 | | | | |
| H.1.62 | Physical Collocation - Connecting Facility Assignment (CFA) Resend, per CLLI | | $84.86 | | | | |
| H.1.63 | Physical Collocation - Copper Entrance Cable Installation, per cable (0 Mh to Vault Splice) | | $424.14 | | | | |
| H.1.63 | Physical Collocation - Copper Entrance Cable Installation, per cable (0 Mh to Vault Splice) - Disconnect Only | | $46.79 | | | | |
| H.1.64 | Physical Collocation - Copper Entrance Cable Installation, per each 100 pair | | $19.81 | | | | |
| H.1.65 | Physical Collocation - Fiber Entrance Cable Installation, per cable (0 Mh to Vault Splice) | | $424.14 | | | | |
| H.1.65 | Physical Collocation - Fiber Entrance Cable Installation, per cable (0 Mh to Vault Splice) - Disconnect Only | | $46.79 | | | | |
| H.1.66 | Physical Collocation - Fiber Entrance Cable Installation, per each fiber | | $3.96 | | | | |
| H.1.71 | Physical Collocation: Power per Used Ampere | $7.09 | | | | | |
| H.2 | VIRTUAL COLLOCATION | | | | | | |
| H.2.1 | Virtual Collocation - Application Cost | | $1,325 | | | | |
| H.2.1 | Virtual Collocation - Application Cost - Disconnect Only | | $1.28 | | | | |
| H.2.2 | Virtual Collocation - Fiber Entrance Cable Installation, per Cable | | $519.22 | | | | |
| H.2.2 | Virtual Collocation - Fiber Entrance Cable Installation, per Cable - Disconnect Only | | $46.79 | | | | |
| H.2.3 | Virtual Collocation - Floor Space Per Sq. Ft. | $3.70 | | | | | |
| H.2.4 | Virtual Collocation - Power per Fused Amp | $3.92 | | | | | |
| H.2.5 | Virtual Collocation - Cable Support Structure, Per Entrance Cable | $0.9662 | | | | | |
| H.2.6 | Virtual Collocation - 2-wire Cross Connects | $0.0211 | | | | | |
| H.2.7 | Virtual Collocation - 4-wire Cross Connects | $0.0421 | | | | | |
| H.2.8 | Virtual Collocation - DS1 Cross Connects | $0.3971 | | | | | |
| H.2.9 | Virtual Collocation - DS3 Cross Connects | $4.37 | | | | | |
| H.2.10 | Virtual Collocation - Security Escort - Basic, Per Half Hour | | | $35.91 | $23.53 | | |
| H.2.11 | Virtual Collocation - Security Escort - Overtime, Per Half Hour | | | $47.63 | $30.83 | | |
| H.2.12 | Virtual Collocation - Security Escort - Premium, Per Half Hour | | | $59.36 | $38.13 | | |
| H.2.16 | Virtual Collocation - 2-Fiber Cross Connect | $1.84 | | | | | |
| H.2.17 | Virtual Collocation - 4-Fiber Cross Connect | $3.67 | | | | | |
| H.2.20 | Virtual Collocation - Maintenance in the CO - Basic, per Half Hour | | | $57.68 | $23.53 | | |
| H.2.21 | Virtual Collocation - Maintenance in the CO - Overtime, per Half Hour | | | $77.03 | $30.83 | | |
| H.2.22 | Virtual Collocation - Maintenance in the CO - Premium, per Half Hour | | | $96.37 | $38.13 | | |
| H.2.30 | Virtual Collocation - Power per Used Ampere | $7.09 | | | | | |

**BellSouth Cost Calculator 2.6 - Element Summary Report**

| | |
|---|---|
| Study Name: | Florida Collocation |
| State: | Florida |
| Scenario: | Sprint Updated Common Factor |
| Study Type: | TELRIC |

| Cost Element | Description | Recurring | Non Recurring | Non-Recurring First | Non-Recurring Additional | Non-Recurring Initial | Non-Recurring Subsequent |
|---|---|---|---|---|---|---|---|
| H.3 | ASSEMBLY POINT | | | | | | |
| H.3.1 | Assembly Point: 2-Wire Cross Connects | $0.1732 | | | | | |
| H.3.2 | Assembly Point: 4-Wire Cross Connects | $0.3464 | | | | | |
| H.3.3 | Assembly Point: DS-1 Cross Connects | $0.9635 | | | | | |
| H.4 | ADJACENT COLLOCATION | | | | | | |
| H.4.1 | Adjacent Collocation - Space Cost per Sq. Ft. | $0.1705 | | | | | |
| H.4.2 | Adjacent Collocation - Electrical Facility Cost per Linear Ft. | $4.83 | | | | | |
| H.4.3 | Adjacent Collocation - 2-Wire Cross-Connects | $0.0203 | | | | | |
| H.4.4 | Adjacent Collocation - 4-Wire Cross-Connects | $0.0406 | | | | | |
| H.4.5 | Adjacent Collocation - DS1 Cross-Connects | $0.3890 | | | | | |
| H.4.6 | Adjacent Collocation - DS3 Cross-Connects | $4.35 | | | | | |
| H.4.7 | Adjacent Collocation - 2-Fiber Cross-Connect | $1.78 | | | | | |
| H.4.8 | Adjacent Collocation - 4-Fiber Cross-Connect | $3.49 | | | | | |
| H.4.9 | Adjacent Collocation - Application Cost | | $2,949 | | | | |
| H.4.9 | Adjacent Collocation - Application Cost - Disconnect Only | | $1.09 | | | | |
| H.4.16 | Adjacent Collocation - 120V, Single Phase Standby Power Cost per AC Breaker Amp | $5.59 | | | | | |
| H.4.17 | Adjacent Collocation - 240V, Single Phase Standby Power Cost per AC Breaker Amp | $11.20 | | | | | |
| H.4.18 | Adjacent Collocation - 120V, Three Phase Standby Power Cost per AC Breaker Amp | $16.79 | | | | | |
| H.4.19 | Adjacent Collocation - 277V, Three Phase Standby Power Cost per AC Breaker Amp | $38.76 | | | | | |
| H.6 | Physical Collocation In The Remote Terminal (RT) | | | | | | |
| H.6.1 | Physical Collocation In The Remote Terminal - Application Fee | | $653.36 | | | | |
| H.6.1 | Physical Collocation In The Remote Terminal - Application Fee - Disconnect Only | | $288.51 | | | | |
| H.6.2 | Physical Collocation In The Remote Terminal - Per Rack/Bay | $160.46 | | | | | |
| H.6.3 | Physical Collocation In The Remote Terminal - Security Access Key | | $24.85 | | | | |
| H.6.4 | Physical Collocation in the RT - Space Availability Report per premises requested | | $238.95 | | | | |
| H.6.5 | Physical Collocation in the RT- Remote Site CLLI Code Request, per CLLI Code Requested | | $78.32 | | | | |
| H.7 | COLLOCATION CABLE RECORDS | | | | | | |
| H.7.1 | Collocation Cable Records - per request | | | | | $0.00 | $0.00 |
| H.7.1 | Collocation Cable Records - per request - Disconnect Only | | | | | $0.00 | $0.00 |
| H.7.2 | Collocation Cable Records - VG/DS0 Cable, per cable record | | | | | $0.00 | $0.00 |
| H.7.2 | Collocation Cable Records - VG/DS0 Cable, per cable record - Disconnect Only | | | | | $0.00 | $0.00 |
| H.7.3 | Collocation Cable Records - VG/DS0 Cable, per each 100 pair | | | | | $0.00 | $0.00 |
| H.7.3 | Collocation Cable Records - VG/DS0 Cable, per each 100 pair - Disconnect Only | | | | | $0.00 | $0.00 |
| H.7.4 | Collocation Cable Records - DS1, per T1TIE | | | | | $0.00 | $0.00 |
| H.7.4 | Collocation Cable Records - DS1, per T1TIE - Disconnect Only | | | | | $0.00 | $0.00 |
| H.7.5 | Collocation Cable Records - DS3, per T3TIE | | | | | $0.00 | $0.00 |
| H.7.5 | Collocation Cable Records - DS3, per T3TIE - Disconnect Only | | | | | $0.00 | $0.00 |
| H.7.6 | Collocation Cable Records - Fiber Cable, per Cable Record | | | | | $0.00 | $0.00 |
| H.7.6 | Collocation Cable Records - Fiber Cable, per Cable Record - Disconnect Only | | | | | $0.00 | $0.00 |

**BellSouth Cost Calculator 2.6 - Element Summary Report**

| | |
|---|---|
| Study Name: | Florida Collocation |
| State: | Florida |
| Scenario: | Sprint Updated Common Factor |
| Study Type: | TELRIC |

| Cost Element | Description | Recurring | Non Recurring | Non-Recurring First | Non-Recurring Additional | Non-Recurring Initial | Non-Recurring Subsequent |
|---|---|---|---|---|---|---|---|
| H.9 | COLLOCATION - BRSDD | | | | | | |
| H.9 1 | Bellsouth Remote Site DLEC Data (BRSDD), per Compact Disc per Central Office | | $221.99 | | | | |

> By adopting the depreciation rates approved for BellSouth, Sprint-Florida recognizes that the economic lives and salvage values of its forward-looking investment are similar to that of BellSouth. The economic lives of Sprint-Florida and BellSouth's network investments are both shaped by the common effect of technology changes, market competition, and physical wear and tear thus resulting in common depreciation rates.

We agree with Sprint and the parties that it is reasonable to assume that similar plant exposed to similar factors of obsolescence such as technology, market competition, and physical wear and tear would exhibit similar depreciation lives and salvage values.

In conclusion, the appropriate lives and net salvage values to be used in the development of Sprint's forward-looking recurring unbundled network element (UNE) cost studies are those proposed by Sprint as shown on Table 7(b)-1.

VII (c): COST OF CAPITAL

A. ARGUMENT

Three witnesses offered testimony regarding the forward looking cost of capital input for Sprint's cost model. Sprint witness Stahr recommends 12.26% as the forward looking cost of capital based on a cost of equity of 13.10%, a cost of debt of 7.81% and a capital structure consisting of 84.02% equity and 15.98% debt. Z-Tel witness Ford recommends a forward looking cost of capital of 8.50% based on a cost of equity ranging from 10.0% to 10.1%, a cost of debt ranging from 6.10% to 6.25%, and a capital structure consisting of 60% equity and 40% debt. For Sprint, staff witness Draper recommends 9.86% as the appropriate forward looking cost of capital based on a cost of equity of 11.49%, a cost of debt of 7.43%, and a capital structure consisting of 60% equity and 40% debt.

1. Cost of Equity

Sprint witness Stahr employs a discounted cash flow model (DCF) and a capital asset pricing model (CAPM) in determining his recommended cost of equity. He applies these models to a group of

publicly traded firms that he believes are comparable in risk to Sprint.

To determine his comparable group, witness Staihr uses four risk measures: the common equity ratio, the cash-flow-to-capital ratio, the pre-tax fixed charge coverage ratio, and the revenues-to-net plant ratio. Witness Staihr believes these risk measures capture both business and financial risk. Using cluster analysis - a statistical technique - and 621 firms from Standard and Poor's (S & P) Research Insight database, witness Staihr identifies 20 firms that he believes have the closest risk measures to Sprints risk measures.

Witness Staihr states that, in making comparisons of firms' ratios to Sprint's ratios, it is important to obtain a group of firms whose combined, cumulative data comes closest to the data of Sprint. Witness Staihr believes telecommunications firms are not necessarily an appropriate proxy for Sprint.

The DCF model determines investors' required return by matching a firm's current market price with expected cash flows discounted at the investors' required return. For his DCF model, witness Staihr uses a constant growth quarterly compounding model. He uses stock prices for his comparable group of companies for the period June 25, 2001 to July 9, 2001. For the dividend growth rate of his comparable companies, witness Staihr uses the five-year average earning per share growth rate estimated by the Institutional Brokers Estimate System (IBES). He believes that earnings growth is an appropriate indicator of long-term dividend growth. The result of his DCF model is 13.71%.

The CAPM is a risk premium model that defines the investors required return as the risk-free return plus a risk premium based on the overall return on a market index and beta, a risk measure for individual stocks. Witness Staihr uses a risk-free rate of 6.00%, which is based on September 2001 U.S. Treasury bond futures traded from June 25, 2001 to July 9, 2001. Witness Staihr's market risk premium is 7.27% and is derived from the risk premium of common stocks over U.S. Treasury bond returns from 1926 to 2000. The 6.00% risk-free rate and the 7.27% market risk premium, when added together, indicate a return on the overall market of 13.27%. Witness Staihr states this return is reasonable because a DCF analysis on the 621 firms from his cluster analysis indicates a

return of 15.08%. With a beta of .86 based on his 20 comparable companies, witness Stahr calculates a CAPM result of 12.21%.

Adding 14 basis points for issuance costs associated with issuing common stock, witness Stahr states the range for Sprint's cost of equity is 12.35% to 13.85%. His recommended 13.10% cost of equity is the midpoint of this range.

Z-Tel witness Ford bases his recommended cost of equity on the cost of equity set by this Commission for BellSouth in Order No. PSC-01-1181-FOF-TP, issued May 25, 2001. Specifically, he employs a CAPM to determine his recommended cost of equity. Witness Ford notes that there are irregularities in the inputs used for the CAPM in the BellSouth Order. He provides corrections to those inputs.

For the risk-free rate, witness Ford uses 5.31% based on the yields on U.S. Treasury bonds from October 2001 to December 2001. Witness Ford uses 8.34% as the market risk premium, which is based on the 20 year period from 1982 to 2001. Witness Ford believes historical risk premiums are appropriate. He notes that there are many methods for estimating the market risk premium and that Verizon witness James Vander Weide used a 7.8% risk premium in his testimony in the recent Florida Power rate case, i.e., Docket No. 000824-EI. For the beta input, witness Ford uses a beta of .58. This is based on the average beta, as reported by BARRA, for Verizon, BellSouth, and SBC for the period January 2001 through December 2001.

Witness Ford's CAPM result is "about 10%." We note that witness Ford's CAPM results range from 10.0% to 10.1%.

Staff witness Draper applies a DCF and CAPM analysis to an index of telecommunications companies listed in the Value Line Investment Survey. He believes these companies are comparable to the business and financial risk associated with the provision of UNEs. He eliminated telecommunications companies that receive less than 75% of their revenue from telecommunications operations. He also eliminated companies with insufficient financial data and companies that were the subject of an ongoing merger or acquisition.

For his DCF analysis, witness Draper notes that the cost of equity is the discount rate that equates the present value of

expected cash flows associated with a stock to the market price of the stock. He employs a two-stage DCF model with stock prices from October 2001 and dividend and growth inputs from Value Line. He allows 3% for issuance costs. The result of his DCF analysis for his index of telecommunications companies is 11.45%.

Witness Draper's CAPM result is 11.02%. He notes that the CAPM is dependent on the beta statistic, which measures risk that cannot be diversified away, i.e., systematic risk. Using a DCF analysis and inputs from Value Line, witness Draper calculates a required return on the overall market of 10.87%. His risk-free rate is 5.4% based on the forecasted rate on 30-year U.S. Treasury bonds. The beta for witness Draper's CAPM is 1.02 and is based on the average beta for his index of telecommunications companies.

Witness Draper notes that the average bond rating for his index of companies is single A and Sprint's bond rating is triple B. To allow for this additional risk, witness Draper adds 25 basis points to the average of his models, 11.24%, to obtain his recommended cost of equity for Sprint of 11.49%.

In rebuttal to witnesses Draper and Ford, Sprint witness Stahr states that the use of telecommunications firms as a proxy for determining Sprint's required return is an assumption. In contrast, witness Stahr states that he used four measures and cluster analysis to measure risk and identify the appropriate proxy group for Sprint.

Witness Stahr states that witness Draper's index includes AT&T and Telephone & Data and that these two firms receive a minority of their revenue from local telephone service. Witness Stahr reproduces witness Draper's DCF model excluding AT&T and Telephone & Data, which produces a result of 13.5%. Witness Stahr disagrees with witness Draper's calculation of the required market return. In calculating this number, witness Draper excluded firms that have growth rates above 20%. Witness Stahr believes the return should be calculated for the entire market. Witness Stahr adjusts witness Draper's CAPM result for this and obtains a CAPM result of 11.94%. Witness Stahr states that the corrected cost of equity using witness Draper's analysis is 12.97%.

Regarding witness Draper's DCF model, witness Ford disagrees with the growth rate inputs. He believes witness Draper's sustainable growth rate is too high to be sustainable. Witness

Ford believes witness Draper should have excluded Qwest Communications and CenturyTel from his index, and that Sprint is a reasonable inclusion. Using his adjustments to witness Draper's two-stage DCF model, witness Ford calculates a range of 8.49% to 10.56%.

Regarding witness Draper's CAPM analysis, witness Ford notes his disagreement with witness Draper's comparable group. In addition, witness Ford believes that witness Draper's beta, 1.02, is too high. He specifically disagrees with witness Draper's use of Value Line betas.

Incorporating his adjustments to witness Draper's CAPM, witness Ford calculates a range of 8.40% to 8.58%. With his adjustments to witness Draper's models, witness Ford states the cost of equity is "about 9%." He believes the upper boundary for the cost of equity is 10.50%.

Regarding the comparable group of companies used by the witnesses, we note that in the BellSouth UNE proceeding we used telecommunications firms as the basis for the cost of equity and that we rejected the use of non-telecommunications firms. Order No. PSC-01-1181-FOF-TP, issued May 25, 2001 at pp. 181-182. Sprint witness Stahr claims that the four risk measures he uses objectively select the 20 firms most comparable in risk to Sprint. However, he acknowledges that some of those 20 companies might be different if other risk measures were used. He does say there is no reason to think they would be different. Witness Stahr acknowledges that a firm's bond rating is a forward looking assessment of its creditworthiness. The companies in his comparable group have S & P bond ratings ranging from BB+ and "not rated" to AA-. We find that the bond ratings suggest significant variability in risk for Stahr's comparable companies.

Further, witness Stahr's comparable group consists of very profitable companies in competitive industries. In preparing his testimony, witness Stahr did not review the level of competition that Sprint-Florida faces and he did not review the telecommunications industry. For the above-cited reasons, we find that witness Stahr's comparable group of companies is not a useful proxy for determining the cost of equity related to unbundled network elements.

Both witnesses Staihr and Ford object to witness Draper including Telephone & Data and AT&T in his index of companies because, they state, these companies do not rely primarily on local telephone service. We note that the companies witness Draper uses are considered telecommunications companies by Value Line. Witness Draper's companies receive at least 75% of their revenue from the provision of telecommunications services, though not necessarily local exchange service. We find that witness Draper's index of companies is acceptable.

In determining the expected return on the market input for his CAPM model, witness Draper eliminated firms with growth rates in excess of 20%. He also eliminated firms that do not pay dividends or have negative projected dividend and earnings growth. We find this is appropriate. We believe that growth rates in excess of 20% are not sustainable in the long run. See Order No. PSC-01-1181-FOF-TP at pp. 181-182.

However, we do not agree with witness Ford that witness Draper's long-term sustainable growth rate, 10.3%, is excessive. Witness Draper based this rate on Value Line's projected return on equity and earnings retention rate for his index of companies. The long-term growth rate is matched with a near-term growth rate of 3.3%. By operation of math, the near-term growth rate has a significant effect on the DCF result. We find that, taken together, these growth rates produce a reasonable and sustainable growth rate for determining the cost of equity. In contrast, witness Staihr's DCF model uses an average annual growth rate, based on earnings growth of his comparable companies, of 11.96%. The individual growth rates range as high as 15.80%.

We also disagree with witness Ford's objections to the beta statistic in witness Draper's CAPM. Specifically, witness Ford objects to the use of Value Line betas. Witness Ford essentially second-guesses Value Line's calculation of the beta statistic. We note that witness Staihr, in addition to witness Draper, used Value Line betas. Witness Draper states that the average beta for his index companies is reasonable.

We note the wide difference between the cost of equity recommended by witness Staihr, 13.1%, and the 10% recommended by witness Ford. As noted above, we believe witness Draper employed a reasonable proxy group of companies and reasonable inputs for his

models. Therefore, we find it appropriate to use 11.49% as the cost of equity in determining Sprint's cost of capital.

2. Cost of Debt

Sprint witness Staihr recommends 7.81% as Sprint's forward-looking cost of debt. He bases this on a 6.00% risk-free return calculated from 20-year U.S. Treasury bond futures. To this he adds a credit spread of 173 basis points based on the yield spread between "A" rated 20-year telephone bonds and 20-year U.S. Treasury bonds. He states that 7.81% is the rate at which Sprint could issue debt in July 2001.

Z-Tel witness Ford recommends a cost rate for debt of 6.10% to 6.25% for Sprint. He bases this on the debt cost rate calculation in Order No. PSC-01-1181-FOF-TP. He incorporates short-term debt into his recommendation. The long-term debt cost rate is based on the yield spread of Aaa public utility bonds over 30-year U.S. Treasury bonds for the period starting in March 1995 and ending in February 2000.

For Sprint, staff witness Draper recommends 7.43% as the appropriate forward-looking cost of debt. He incorporates a short-term debt cost rate of 5.36% based on the forecasted prime rate. His long-term debt cost rate, 8.12%, is based on the forecasted rate for 10-year Treasury bonds and a credit spread derived from the yields on BBB rated utility bonds. Witness Draper calculates the credit spread during the twelve month period that ended with November 2001. He assigns a 25% weight to short-term debt and a 75% weight to long-term debt.

In rebuttal, witness Ford disagrees with witness Draper's credit spread in calculating the long-term debt cost rate. Witness Ford believes this calculation should be based on the method this Commission used in the BellSouth UNE proceeding. Witness Ford notes that the credit spread for BellSouth was formulated using credit spreads calculated over a short period and a long period. He recalculates witness Draper's long-term debt cost rate for Sprint at 7.55%. Also, witness Ford disagrees with witness Draper's short-term debt cost rate because witness Draper bases his short-term cost rate on the prime rate.

We note that witness Staihr calculated a credit spread over a two week period, whereas witness Draper used a twelve-month period.

We find that witness Draper's use of a twelve month period is reasonable. The record allows for many choices of periods over which the credit spread is calculated. In the BellSouth Order, we chose an average of credit spreads calculated over three month and five year periods. Order No. PSC-01-1181-FOF-TP at pp. 184-185. We disagree with witness Ford that exact consistency with the BellSouth Order is necessary for determining the cost of capital inputs. In addition, witness Draper tailored his recommended cost of debt for Sprint to match Sprint's bond rating.

Witness Stahr disagrees with the use of short-term debt in calculating the debt cost rate, whereas witness Ford agrees with the use of short-term debt but recommends the commercial paper rate as the appropriate proxy for short-term debt. Witness Draper uses forecasted prime rates as the basis for the short-term debt cost rate. We find that this is forward-looking and therefore acceptable. For Sprint, the appropriate forward-looking cost rate for debt is 7.43%.

3. Capital Structure

For Sprint, witness Stahr recommends a market-value capital structure as the forward looking capital structure. This market-value capital structure consists of 84.02% equity and 15.98% debt. He calculates this capital structure based on the market value of Sprint's debt and the market-to-book ratio for his comparable group of companies. He notes that this resulting market value is reasonable compared with the values suggested by recent LEC acquisitions. He also notes that his recommended capital structure is consistent with capital structures presented to (or filed with) this Commission in recent UNE proceedings in this docket.

Z-Tel witness Ford employs a capital structure consisting of 60% equity and 40% debt based on this Commission's BellSouth UNE proceeding. Staff witness Draper also recommends a capital structure with 60% equity and 40% debt. He bases this on our Order issued in the BellSouth phase of this proceeding. He notes that the average equity ratio for Value Line's telecommunications companies is 63% as of November 2001. Also, C.A. Turner Utility Reports, a recognized financial publication, states that the average equity ratio for telecommunications companies is 57.60% in 2000.

Witness Staihr rebuts the capital structure positions taken by witnesses Ford and Draper. Witness Staihr believes that only a market-value capital structure is appropriate for calculating the forward-looking cost of capital. He notes that witness Draper's cost of capital would be significantly higher with a market-value capital structure. Witness Staihr refers to authoritative sources that recommend market value capital structures in calculating the cost of capital.

We addressed the issue of an appropriate capital structure in the BellSouth phase of this docket. For BellSouth, we noted that market-value capital structures have not been widely accepted and produce aberrant coverage ratios. See, Order No. PSC-01-1181-FOF-TP at pp. 185-187. The record in this case continues to support the contention that market-value capital structures are not widely accepted. In addition, a capital structure with 60% equity is in agreement with Sprint's target book value capital structure, which it uses for planning purposes. We infer from this that a 60% equity ratio for Sprint is forward-looking. The FCC does not require the use of market-value capital structures in calculating the forward-looking cost of capital. For these reasons, we find that a capital structure for Sprint consisting of 60% equity and 40% debt is appropriate.

B. DECISION

We find that witness Draper's cost of capital is forward-looking. For Sprint, we find a forward-looking cost of capital of 9.86% based on a cost of equity of 11.49%, and cost of debt of 7.43% and a capital structure that is 60% equity and 40% debt is appropriate. The positions of the parties, as well as our determinations, are summarized in the table below:

| TABLE 7(c)-1: Sprint Cost of Capital Summary | | | | |
|---|---|---|---|---|
| | Sprint witness Staihr | Z-Tel witness Ford | Staff witness Draper | Commission Approved |
| Capital Structure | 84.02% equity, 15.98% debt | 60% equity 40% debt | 60% equity 40% debt | 60% equity 40% debt |
| Cost of Debt | 7.81% | 6.1% to 6.25% | 7.43% | 7.43% |
| Cost of Equity | 13.10% | 10% to 10.1% | 11.49% | 11.49% |
| Overall Cost of Capital | 12.26% | 8.5% | 9.86% | 9.86%% |

## VII (d): TAX RATES

A. ARGUMENT

In his direct testimony, Sprint witness Dickerson states:

> Sprint's filing utilized the Federal and State income tax, state as valorem tax, and the Regulatory Assessment Fee tax rates currently in effect in Florida. The Federal and State income tax and state ad valorem tax are reflected in the specific inputs utilized in Sprint's annual charge factor development, which are contained in the ACF section of the cost study documentation. The Regulatory Assessment Fee Tax is included in the common cost factor development and application.

As set forth in Witness Dickerson's direct testimony, the federal income tax rate is 35% and the state income tax rate is 5.5%. This results in a combined (composite) tax rate of 38.58%. A composite tax rate is used to account for the state income taxes that are deductible for federal income tax purposes. Sprint also used an ad valorem tax rate of .72%. The ad valorem tax rate is calculated by dividing the property tax expense for Sprint by the beginning balance of property, plant, and equipment investment.