

ORIGINAL

Legal Department

MARY K. KEYER
General Attorney

BellSouth Telecommunications, Inc.
150 South Monroe Street
Room 400
Tallahassee, Florida 32301
(404) 335-0729

September 21, 1998

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

RE: Docket No. 980696-TP

Dear Mrs. Bayo:

Enclosed are an original and 15 copies of BellSouth Telecommunications, Inc.'s revised copies of the exhibits attached to Dr. Randall S. Billingsley's Rebuttal Testimony filed on September 2, 1998, and a revised page 31 to that same testimony. Please substitute the revised exhibits and page 31 for those which were filed on September 2, 1998, and file these documents in the captioned docket.

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 on the parties shown on the attached Certificate of Service.

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Enclosures

Sincerely,
Mary K. Keyer
Mary K. Keyer

cc: All Parties of Record
A. M. Lombardo
R. G. Beatty
W. J. Ellenberg (w/o enclosures)

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FPSC-RECORDS/REPORTING

DCF AND CAPM DATA FOR BST COMPARABLE FIRM PORTFOLIO

DCF RESULTS

<u>Portfolio of Comparable Firms</u>	<u>IBES</u>	<u>ZACKS</u>	<u>BARRA Beta Coefficient</u>
Abbott Labs	14.28%	14.21%	0.92
Aluminum Co. of America	10.68%	13.05%	0.90
Amoco	11.99%	11.94%	0.60
Anheuser Busch	12.80%	11.38%	0.78
Avery Dennison	15.71%	15.56%	0.86
Cincinnati Bell	19.32%	19.54%	0.87
Corning	21.28%	20.92%	1.09
Donnelley (R. R. & Sons)	13.98%	14.00%	0.85
DuPont (E. I.)	13.03%	13.47%	1.01
Electronic Data Systems	16.30%	15.97%	1.04
Lilly (Eli)	17.53%	17.57%	0.97
Hershey Foods	13.04%	13.21%	0.76
Kellogg	13.12%	13.01%	0.80
Mobil Corporation	11.07%	11.19%	0.51
Nalco Chemical	13.77%	13.70%	0.79
Rohm & Haas	11.98%	11.94%	0.84
Southern New England Telecom.	10.29%	8.28%	0.66
Texaco	12.91%	13.74%	0.53
TRW	12.49%	11.93%	0.68
Warner-Lambert	23.69%	24.40%	1.10
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AVERAGE	14.46%	14.45%	0.83
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**DCF AND CAPM DATA FOR SPRINT-FL COMPARABLE FIRM
 PORTFOLIO**

DCF RESULTS

<u>Portfolio of Comparable Firms</u>	<u>IBES</u>	<u>ZACKS</u>	<u>BARRA Beta Coefficient</u>
Anheuser Busch	12.80%	11.38%	0.78
Apache	13.84%	13.23%	0.76
Atlantic Richfield	10.49%	10.97%	0.64
Avery Dennison	15.71%	15.56%	0.86
Avon Products	17.44%	17.43%	0.93
Cincinnati Bell	19.32%	19.54%	0.87
Dow Chemical	12.54%	11.08%	0.78
Du Pont (E. I.)	13.03%	13.47%	1.01
Ecolab	16.44%	16.44%	0.83
Electronic Data Systems	16.30%	15.97%	1.04
Harley-Davidson	18.17%	18.53%	0.93
Leggett & Platt	15.59%	16.80%	0.91
Phillips Petroleum	12.53%	12.74%	0.82
PPG Industries	12.56%	12.99%	0.84
Rayonier	11.45%	10.15%	0.79
Rohm & Haas	11.98%	11.94%	0.84
Sprint Corporation	15.43%	19.99%	0.73
Sundstrand	15.77%	15.48%	0.89
TRW	12.49%	11.93%	0.68
U. S. Freightways	14.81%	14.97%	0.92
<hr/>			
AVERAGE	14.43%	14.53%	0.84
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COMPARABLE FIRM IDENTIFICATION CRITERIA AND METHODOLOGY

i. Introduction

Since BellSouth Telecommunications (BST) does not have equity trading independently of BellSouth Corporation and Sprint-Florida Incorporated (Sprint-FL) does not have equity trading independently of Sprint Corporation, no direct market prices of equity can be used to infer the companies' costs of equity. Thus, it is necessary to identify portfolios of firms that are comparable in equity investment risk to each of the target firms. The discounted cash flow (DCF) model is applied to each of the portfolio's members and an average cost of equity capital is determined for the BST-comparables group and then for the Sprint-FL-comparables group. Given that each portfolio of firms is of comparable risk to its target firm, BST or Sprint-FL, each of these average costs of equity is an objective, reasonable estimate of each target firm's cost of equity. The next section identifies the sources of investment risk and the specific proxies used to identify comparable firms.

II. Risk Criteria

The following sources of investment risk are measured and used to identify a group of firms that is comparable in risk to each of the target firms under analysis:

A. Financial Risk

1. Relative Amount of Debt

Financial risk is dependent, in part, on the amount of total debt employed by a firm relative to its equity base. Other things being equal, higher debt per dollar of equity implies higher risk. This source of risk is measured by a firm's equity-to-total capital ratio. The most recent annual value (1997) of this ratio is used.

2. Ability to Service Debt

Apart from the above descriptive measure of a firm's relative indebtedness, it is important to evaluate the ability of a firm to service its total debt. This is assessed by examining the amount of interest (I) that a firm owes relative to the resources (net cash flow, NCF), or net income plus non-cash expenses plus interest expense) it has available to meet that

commitment. This is measured by the cash flow-based interest coverage ratio, NCF/I. Other things being equal, an increase in this ratio reflects greater ability to service debt and consequently implies lower riskiness. The most recent annual value (1997) of this variable is used.

3. Bond Rating

Bond ratings reflect a rating agency's evaluation of the relative probability of default on a firm's given debt security. Ratings are readily accessible to investors and are commonly used to appraise the risk of a firm. Bond ratings are assigned numerical (i.e., dummy variable) values for the purposes of the present analysis. The most recent bond rating available is used.

B. Business Risk

1. Variability of Cash Flows

The variability of a firm's cash flows characterize the riskiness of a firm's chosen line of business. Cash flows represent a firm's command over goods and services. The risk implications of a given level of cash flows are easiest to interpret when related to an economically meaningful base such as total assets. This source of risk is measured by the standard deviation of the ratio of a firm's operating cash flows-to-total average assets. Higher values of the measure are associated with greater risk. The variable is calculated using the most recent five years of annual data (1993-1997).

2. Operating Return on Assets

The operating return on assets, as measured by the ratio of a firm's operating cash flow-to-total average assets, reflects the business risk associated with generating income in a given line of business. Operating cash flow is used because it does not include the risk effects captured in measures that include financing and investing choices. This variable is calculated using the most recent annual data (1997).

III. Methodology Used in the Comparable Firms Identification Process

A portfolio of comparable firms is identified using a modified cluster analysis model. Classical cluster analysis techniques develop natural groupings of objects based on the relationships among a given set of descriptive variables. The goal is to determine how the object should be assigned to groups so that there will be as much similarity within groups and as much difference among groups as possible. No predetermined reference object is offered to organize the grouping effort. The modified cluster analysis used in this analysis differs from the classical techniques by identifying a target object (firm) characterized by several descriptive (financial) measures. The goal of this application is to find a group of firms that is as similar as possible to the target firm in terms of the identified measures of investment risk. Unlike classical cluster analysis, the goal of maximizing the differences among groups is irrelevant since all dissimilar groups are discarded. Specifically, in this context, only those firms that are identified as comparable to the given target firm are retained for use in inferring its cost of equity capital.

As in classical cluster models, similarity is determined by measuring the Euclidian distance between the descriptive variables in a manner that considers the multivariate nature of the problem. The distance D_i of each firm i in the sample from the target firm T , assuming the five descriptive variables V_k discussed above, is calculated as:

$$D_i = \sqrt{\sum_{k=1}^5 (V_{ik} - V_{T_k})^2}$$

The distance measure uses the squared differences of a given firm's descriptive variable from that of the target firm T in order to measure distance irrespective of whether it is above (positive) or below (negative) the respective value for the target firm. The portfolio of firms considered to be similar to the target, BST or Sprint-FL, is identified by balancing the goals of minimizing the distance D_i of a firm from the target with the desire to have a sample of sufficient size to assure confidence in its representativeness.

IV. Issues in Applying Cluster Analysis

Only firms available on the COMPUSTAT data source also having an IBES and Zacks consensus growth rate forecast based on at least two analysts' estimates are retained for analysis. Firms with fiscal years ending in December of the most recent year for which data are available (1997) are considered in the analysis. Foreign, financial, and limited partnership firms are eliminated. Outliers are identified on a variable-by-variable basis. Those firms with variable values greater than two

standard deviations above or below the mean value of the population for each variable are deleted. All outliers are eliminated before standardizing the variables to prevent biasing the means and standard deviations. The final population consists of 308 firms.

Since the proxies of investment risk discussed above are denominated in different units of measurement, they consequently need to be standardized. A Z-statistic is calculated using the mean of V_j and the standard deviation σ_j of each variable across all of the firms as:

$$Z_j = \frac{V_{ij} - \bar{V}_j}{\sigma_j}$$

The squared difference between the Z-value for each firm's given variable and the value of the Z-statistic for the target firm for the same given variable across all descriptive variables is then calculated. After generating Z-values for every variable for each firm, squared differences for each firm are summed. The distance measure D_i is determined by taking the square root of the sum of the squared differences.

The final step in the analysis is the identification of the portfolio of the 20 firms that are the least distance from BST or Sprint-FL. Billingsley Exhibit No. RSB-1 lists the final group of comparable firms for BST and Billingsley Exhibit No. RSB-2 lists the final group of comparable firms for Sprint-FL. A correlation coefficient matrix for the variables used to identify firms is provided on the following page.

CLUSTER ANALYSIS CORRELATION MATRIX

	<u>Common Equity to Total Capital</u>	<u>Operating Cash Flow to Assets Standard Deviatlon</u>	<u>Operating Cash Flow to Assets</u>	<u>Cash Flow Interest Coverage</u>
Bond Rating	-0.385	0.210	-0.319	-0.448
Common Equity to Total Capital		0.221	0.411	0.587
Operating Cash Flow to Assets Standard Deviation			0.208	0.066
Operating Cash Flow to Assets				0.401

CALCULATION OF U. S. TREASURY BOND FUTURES' IMPLIED INTEREST RATE

The interest rate implied by the price of a U.S. Treasury Bond futures contract cannot be directly taken from *The Wall Street Journal*. Rather, it must be calculated as follows:

$$(Price\ of\ Contract) \times 10 = \frac{\$40}{(1+i)^1} + \frac{\$40}{(1+i)^2} + \dots + \frac{\$40}{(1+i)^{40}} + \frac{\$1,000}{(1+i)^{40}}$$

where *i* = the semi-annual rate of return.

The implied annual rate of return on U.S. Treasury bond futures is calculated as:
 Annual Rate of Return = $(1+i)^2 - 1$.

The U.S. Treasury Bond futures contract prices shown below are averaged, by contract maturity, using the Friday settlement prices for July of 1998.

U.S. TREASURY BOND FUTURES CONTRACT DATA

Contract Maturity						Average Implied	
	<u>07/03/98</u>	<u>07/10/98</u>	<u>07/17/98</u>	<u>07/24/98</u>	<u>07/31/98</u>	Price	Yield
09/98	124.4375	123.6250	122.0625	123.0000	122.5938	123.1438	6.09%
12/98	124.0000	123.3125	121.7500	122.7188	122.3438	122.8250	6.11%
03/99	123.4688	122.6875	121.5000	122.4688	122.0938	122.4438	6.14%
06/99	121.8125	122.4688	120.9063	121.5313	121.3438	121.6125	6.21%
AVERAGE IMPLIED YIELD							6.14%

EXPECTED MARKET RISK PREMIUM: Aaa RATING BASE

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
10/87	14.82%	10.92%	3.90%
11/87	15.06	10.43	4.63
12/87	15.46	10.64	4.82
01/88	15.65	10.39	5.26
02/88	15.52	9.77	5.75
03/88	15.42	9.72	5.70
04/88	15.45	10.07	5.38
05/88	15.42	10.29	5.13
06/88	15.65	10.27	5.38
07/88	15.63	10.50	5.13
08/88	15.72	10.66	5.06
09/88	15.66	10.15	5.51
10/88	15.63	9.62	6.01
11/88	15.64	9.52	6.12
12/88	15.58	9.67	5.91
01/89	15.54	9.72	5.82
02/89	15.34	9.71	5.63

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
03/89	15.34	9.87	5.47
04/89	15.35	9.88	5.47
05/89	15.40	9.60	5.80
06/89	15.22	9.13	6.09
07/89	15.36	8.98	6.38
08/89	15.14	9.02	6.12
09/89	14.94	9.10	5.84
10/89	15.02	9.01	6.01
11/89	15.17	8.92	6.25
12/89	15.12	8.92	6.20
01/90	15.18	9.08	6.10
02/90	15.29	9.35	5.94
03/90	15.47	9.48	5.99
04/90	15.62	9.60	6.02
05/90	15.70	9.58	6.12
06/90	15.71	9.38	6.33
07/90	15.81	9.36	6.45

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
08/90	15.69	9.54	6.15
09/90	15.91	9.73	6.18
10/90	16.04	9.66	6.38
11/90	16.23	9.43	6.80
12/90	16.16	9.18	6.98
01/91	16.17	9.17	7.00
02/91	16.01	8.92	7.09
03/91	15.85	9.04	6.81
04/91	15.61	8.95	6.66
05/91	15.55	8.93	6.62
06/91	15.59	9.10	6.49
07/91	15.59	9.10	6.49
08/91	15.62	8.81	6.81
09/91	15.59	8.65	6.94
10/91	15.52	8.57	6.95
11/91	15.58	8.52	7.06

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
12/91	15.65	8.38	7.27
01/92	15.60	8.22	7.38
02/92	15.71	8.30	7.41
03/92	15.57	8.39	7.18
04/92	15.53	8.36	7.17
05/92	15.54	8.32	7.22
06/92	15.45	8.26	7.19
07/92	15.44	8.12	7.32
08/92	15.46	8.04	7.42
09/92	15.57	8.04	7.53
10/92	15.53	8.06	7.47
11/92	15.56	8.11	7.45
12/92	15.57	8.01	7.56
01/93	15.29	7.94	7.35
02/93	15.07	7.75	7.32
03/93	15.00	7.64	7.36
04/93	14.71	7.50	7.21
05/93	14.81	7.44	7.37

BellSouth Telecommunications
& Sprint-Florida
Docket No. 980696-TP
Billingsley Exhibit No. RSB-5
Expected Market Risk
Premium Approach: Aaa Rating
Base

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EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
06/93	14.73	7.37	7.36
07/93	14.61	7.25	7.36
08/93	14.59	6.94	7.65
09/93	14.43	6.76	7.67
10/93	14.50	6.75	7.75
11/93	14.52	7.06	7.46
12/93	14.50	7.06	7.44
01/94	14.55	7.05	7.50
02/94	14.59	7.19	7.40
03/94	14.66	7.60	7.06
04/94	14.69	8.00	6.69
05/94	14.77	8.11	6.66
06/94	14.89	8.07	6.82
07/94	14.95	8.21	6.74
08/94	14.78	8.15	6.63
09/94	14.82	8.41	6.41
10/94	14.80	8.65	6.15
11/94	14.95	8.77	6.18

BellSouth Telecommunications
& Sprint-Florida
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Expected Market Risk
Premium Approach: Aaa Rating
Base

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EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
12/94	14.96	8.55	6.41
01/95	15.01	8.53	6.48
02/95	14.95	8.33	6.02
03/95	14.95	8.18	6.77
04/95	14.89	8.08	6.81
05/95	14.93	7.71	7.22
06/95	14.89	7.39	7.50
07/95	14.92	7.51	7.41
08/95	14.95	7.66	7.29
09/95	14.95	7.42	7.53
10/95	14.89	7.23	7.66
11/95	14.90	7.13	7.77
12/95	14.82	6.94	7.88
01/96	14.68	6.92	7.76
02/96	14.79	7.11	7.68
03/96	14.79	7.45	7.34
04/96	14.80	7.60	7.20

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
05/96	15.01	7.73	7.28
06/96	14.99	7.83	7.16
07/96	14.97	7.78	7.19
08/96	15.10	7.59	7.51
09/96	15.22	7.76	7.46
10/96	15.21	7.50	7.71
11/96	15.24	7.21	8.03
12/96	15.31	7.33	7.98
01/97	15.22	7.53	7.69
02/97	15.16	7.47	7.69
03/97	15.11	7.70	7.41
04/97	15.36	7.88	7.48
05/97	15.49	7.72	7.77
06/97	15.56	7.55	8.01
07/97	15.62	7.29	8.33
08/97	15.62	7.39	8.23
09/97	15.66	7.33	8.33
10/97	15.61	7.18	8.43

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's Aaa Public Utility Bonds</u>	<u>Market Risk Premium</u>
11/97	15.57	7.09	8.48
12/97	15.48	6.99	8.49
01/98	15.54	6.85	8.69
02/98	15.63	6.91	8.72
03/98	15.56	6.96	8.60
04/98	15.57	6.94	8.63
05/98	15.69	6.94	8.75
06/98	15.77	6.80	8.97
07/98	15.80	6.80	9.00
AVERAGE	15.29%	8.35%	6.94%*

* Calculated as the average of the monthly risk premiums, not as the differences of the averages for the entire time.

EXPECTED MARKET RISK PREMIUM: "A" RATING BASE

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
10/87	14.82%	11.34%	3.48%
11/87	15.06	10.82	4.24
12/87	15.46	10.98	4.48
01/88	15.65	10.76	4.89
02/88	15.52	10.10	5.42
03/88	15.42	10.09	5.33
04/88	15.45	10.54	4.91
05/88	15.42	10.81	4.61
06/88	15.65	10.79	4.86
07/88	15.63	11.04	4.59
08/88	15.72	11.17	4.55
09/88	15.66	10.61	5.05
10/88	15.63	10.01	5.62
11/88	15.64	9.90	5.74
12/88	15.58	10.06	5.52
01/89	15.54	10.08	5.46
02/89	15.34	10.07	5.27

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
03/89	15.34	10.23	5.11
04/89	15.35	10.18	5.17
05/89	15.40	9.99	5.41
06/89	15.22	9.64	5.58
07/89	15.36	9.50	5.86
08/89	15.14	9.52	5.62
09/89	14.94	9.58	5.36
10/89	15.02	9.54	5.48
11/89	15.17	9.51	5.66
12/89	15.12	9.44	5.68
01/90	15.18	9.56	5.62
02/90	15.29	9.76	5.53
03/90	15.47	9.85	5.62
04/90	15.62	9.92	5.70
05/90	15.70	10.00	5.70
06/90	15.71	9.80	5.91
07/90	15.81	9.75	6.06

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
08/90	15.69	9.92	5.77
09/90	15.91	10.12	5.79
10/90	16.04	10.05	5.99
11/90	16.23	9.90	6.33
12/90	16.16	9.73	6.43
01/91	16.17	9.71	6.46
02/91	16.01	9.47	6.54
03/91	15.85	9.55	6.30
04/91	15.61	9.46	6.15
05/91	15.55	9.44	6.11
06/91	15.59	9.59	6.00
07/91	15.59	9.55	6.04
08/91	15.62	9.29	6.33
09/91	15.59	9.16	6.43
10/91	15.52	9.12	6.40
11/91	15.58	9.05	6.53

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
12/91	15.65	8.88	6.77
01/92	15.60	8.84	6.76
02/92	15.71	8.93	6.78
03/92	15.57	8.97	6.60
04/92	15.53	8.93	6.60
05/92	15.54	8.87	6.67
06/92	15.45	8.78	6.67
07/92	15.44	8.57	6.87
08/92	15.46	8.44	7.02
09/92	15.57	8.40	7.17
10/92	15.53	8.54	6.99
11/92	15.56	8.63	6.93
12/92	15.57	8.43	7.14
01/93	15.29	8.27	7.02
02/93	15.07	8.04	7.03
03/93	15.00	7.90	7.10
04/93	14.71	7.81	6.90
05/93	14.81	7.86	6.95

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
06/93	14.73	7.75	6.98
07/93	14.61	7.54	7.07
08/93	14.59	7.25	7.34
09/93	14.43	7.04	7.39
10/93	14.50	7.03	7.47
11/93	14.52	7.30	7.22
12/93	14.50	7.34	7.16
01/94	14.55	7.33	7.22
02/94	14.59	7.47	7.12
03/94	14.66	7.85	6.81
04/94	14.69	8.22	6.47
05/94	14.77	8.33	6.44
06/94	14.89	8.31	6.58
07/94	14.95	8.47	6.48
08/94	14.78	8.41	6.37
09/94	14.82	8.64	5.18
10/94	14.80	8.86	5.54

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
11/94	14.95	8.98	5.97
12/94	14.96	8.76	6.20
01/95	15.01	8.73	6.28
02/95	14.95	8.52	6.43
03/95	14.95	8.37	6.58
04/95	14.89	8.27	6.62
05/95	14.93	7.91	7.02
06/95	14.89	7.60	7.29
07/95	14.92	7.70	7.22
08/95	14.95	7.83	7.12
09/95	14.95	7.62	7.33
10/95	14.89	7.46	7.43
11/95	14.90	7.43	7.47
12/95	14.82	7.23	7.59
01/96	14.68	7.22	7.46
02/96	14.79	7.37	7.42
03/96	14.79	7.73	7.06

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
04/96	14.80	7.89	6.91
05/96	15.01	7.98	7.03
06/96	14.99	8.06	6.93
07/96	14.97	8.02	6.95
08/96	15.10	7.84	7.26
09/96	15.22	8.01	7.21
10/96	15.21	7.77	7.44
11/96	15.24	7.49	7.75
12/96	15.31	7.59	7.72
01/97	15.22	7.77	7.45
02/97	15.16	7.64	7.52
03/97	15.11	7.87	7.24
04/97	15.36	8.03	7.33
05/97	15.49	7.89	7.60
06/97	15.56	7.72	7.84
07/97	15.62	7.48	8.14
08/97	15.62	7.51	8.11
09/97	15.66	7.47	8.19

EXPECTED MARKET RISK PREMIUM

<u>Time Period</u>	<u>Standard & Poor's 500 DCF Cost of Equity</u>	<u>Moody's A Public Utility Bonds</u>	<u>Market Risk Premium</u>
10/97	15.61	7.35	8.26
11/97	15.57	7.25	8.32
12/97	15.48	7.16	8.32
01/98	15.54	7.04	8.50
02/98	15.63	7.12	8.51
03/98	15.56	7.16	8.40
04/98	15.57	7.16	8.41
05/98	15.69	7.16	8.53
06/98	15.77	7.03	8.74
07/98	15.80	7.03	8.77
<hr/>			
AVERAGE	15.29%	8.70%	6.59%*
<hr/>			

* Calculated as the average of the monthly risk premiums, not as the differences of the averages for the entire time.

Aaa vs. Treasury Bond Yields

<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
10/87	10.92%	9.62%	1.30%
11/87	10.43%	8.91%	1.52%
12/87	10.64%	9.09%	1.55%
01/88	10.39%	8.81%	1.58%
02/88	9.77%	8.42%	1.35%
03/88	9.72%	8.59%	1.13%
04/88	10.07%	8.98%	1.09%
05/88	10.29%	9.26%	1.03%
06/88	10.27%	9.06%	1.21%
07/88	10.50%	9.22%	1.28%
08/88	10.66%	9.37%	1.29%
09/88	10.15%	9.11%	1.04%
10/88	9.62%	8.92%	0.70%
11/88	9.52%	9.02%	0.50%
12/88	9.67%	9.01%	0.66%
01/89	9.72%	8.94%	0.78%
02/89	9.71%	9.00%	0.71%
03/89	9.87%	9.14%	0.73%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
04/89	9.88%	9.06%	0.82%
05/89	9.60%	8.90%	0.70%
06/89	9.13%	8.35%	0.78%
07/89	8.98%	8.10%	0.88%
08/89	9.02%	8.11%	0.91%
09/89	9.10%	8.17%	0.93%
10/89	9.01%	8.00%	1.01%
11/89	8.92%	7.89%	1.03%
12/89	8.92%	7.90%	1.02%
01/90	9.08%	8.24%	0.84%
02/90	9.35%	8.48%	0.87%
03/90	9.48%	8.57%	0.91%
04/90	9.60%	8.75%	0.85%
05/90	9.58%	8.73%	0.85%
06/90	9.38%	8.43%	0.95%
07/90	9.36%	8.50%	0.86%
08/90	9.54%	8.85%	0.69%
09/90	9.73%	8.99%	0.74%
10/90	9.66%	8.86%	0.80%
11/90	9.43%	8.58%	0.85%
12/90	9.18%	8.23%	0.95%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
01/91	9.17%	8.20%	0.97%
02/91	8.92%	8.08%	0.84%
03/91	9.04%	8.21%	0.83%
04/91	8.95%	8.22%	0.73%
05/91	8.93%	8.24%	0.69%
06/91	9.10%	8.48%	0.62%
07/91	9.10%	8.44%	0.66%
08/91	8.81%	8.15%	0.66%
09/91	8.65%	7.96%	0.69%
10/91	8.57%	7.95%	0.62%
11/91	8.52%	7.91%	0.61%
12/91	8.38%	7.69%	0.69%
01/92	8.22%	7.61%	0.61%
02/92	8.30%	7.86%	0.44%
03/92	8.39%	8.00%	0.39%
04/92	8.36%	7.95%	0.41%
05/92	8.32%	7.89%	0.43%
06/92	8.26%	7.83%	0.43%
07/92	8.12%	7.59%	0.53%
08/92	8.04%	7.39%	0.65%
09/92	8.04%	7.34%	0.70%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
10/92	8.06%	7.50%	0.56%
11/92	8.11%	7.56%	0.55%
12/92	8.01%	7.46%	0.55%
01/93	7.94%	7.34%	0.60%
02/93	7.75%	7.06%	0.69%
03/93	7.64%	6.78%	0.86%
04/93	7.50%	6.85%	0.65%
05/93	7.44%	6.92%	0.52%
06/93	7.37%	6.82%	0.55%
07/93	7.25%	6.63%	0.62%
08/93	6.94%	6.30%	0.64%
09/93	6.76%	6.03%	0.73%
10/93	6.75%	5.93%	0.82%
11/93	7.06%	6.24%	0.82%
12/93	7.06%	6.26%	0.80%
01/94	7.05%	6.29%	0.76%
02/94	7.19%	6.51%	0.68%
03/94	7.60%	6.94%	0.66%
04/94	8.00%	7.25%	0.75%
05/94	8.11%	7.32%	0.79%
06/94	8.07%	7.38%	0.69%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
07/94	8.21%	7.60%	0.61%
08/94	8.15%	7.61%	0.54%
09/94	8.41%	7.84%	0.57%
10/94	8.65%	8.02%	0.63%
11/94	8.77%	8.17%	0.60%
12/94	8.55%	7.91%	0.64%
01/95	8.53%	7.86%	0.67%
02/95	8.33%	7.66%	0.67%
03/95	8.18%	7.52%	0.66%
04/95	8.08%	7.43%	0.65%
05/95	7.71%	7.04%	0.67%
06/95	7.39%	6.68%	0.71%
07/95	7.51%	6.75%	0.76%
08/95	7.66%	6.92%	0.74%
09/95	7.42%	6.44%	0.98%
10/95	7.23%	6.35%	0.88%
11/95	7.13%	6.29%	0.84%
12/95	6.94%	6.05%	0.89%
01/96	6.92%	6.05%	0.87%
02/96	7.11%	6.25%	0.86%
03/96	7.45%	6.62%	0.83%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
04/96	7.60%	6.76%	0.84%
05/96	7.73%	6.94%	0.79%
06/96	7.83%	6.94%	0.89%
07/96	7.78%	7.05%	0.73%
08/96	7.59%	6.88%	0.71%
09/96	7.76%	7.00%	0.76%
10/96	7.50%	6.78%	0.72%
11/96	7.21%	6.55%	0.66%
12/96	7.33%	6.56%	0.77%
01/97	7.53%	6.82%	0.71%
02/97	7.47%	6.70%	0.77%
03/97	7.70%	6.96%	0.74%
04/97	7.88%	7.13%	0.75%
05/97	7.72%	6.93%	0.79%
06/97	7.55%	6.73%	0.82%
07/97	7.29%	6.53%	0.76%
08/97	7.39%	6.58%	0.81%
09/97	7.33%	6.49%	0.84%
10/97	7.18%	6.33%	0.85%
11/97	7.09%	6.08%	1.01%
12/97	6.99%	5.96%	1.03%

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<u>Date</u>	<u>Moody's Aaa Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>Aaa/U.S. Treasury Bond Spread</u>
01/98	6.85%	5.83%	1.02%
02/98	6.91%	5.89%	1.02%
03/98	6.96%	5.92%	1.04%
04/98	6.94%	5.87%	1.07%
05/98	6.94%	5.93%	1.01%
06/98	6.80%	5.69%	1.11%
07/98	6.80%	5.68%	1.12%
AVERAGE	8.35%	7.55%	0.80%

Sources: *Moody's Bond Record*
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"A" vs. Treasury Bond Yields

<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
10/87	11.34%	9.62%	1.72%
11/87	10.82%	8.91%	1.91%
12/87	10.98%	9.09%	1.89%
01/88	10.76%	8.81%	1.95%
02/88	10.10%	8.42%	1.68%
03/88	10.09%	8.59%	1.50%
04/88	10.54%	8.98%	1.56%
05/88	10.81%	9.26%	1.55%
06/88	10.79%	9.06%	1.73%
07/88	11.04%	9.22%	1.82%
08/88	11.17%	9.37%	1.80%
09/88	10.61%	9.11%	1.50%
10/88	10.01%	8.92%	1.09%
11/88	9.90%	9.02%	0.88%
12/88	10.06%	9.01%	1.05%
01/89	10.08%	8.94%	1.14%
02/89	10.07%	9.00%	1.07%
03/89	10.23%	9.14%	1.09%
04/89	10.18%	9.06%	1.12%
05/89	9.99%	8.90%	1.09%
06/89	9.64%	8.35%	1.29%

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<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
07/89	9.50%	8.10%	1.40%
08/89	9.52%	8.11%	1.41%
09/89	9.58%	8.17%	1.41%
10/89	9.54%	8.00%	1.54%
11/89	9.51%	7.89%	1.62%
12/89	9.44%	7.90%	1.54%
01/90	9.56%	8.24%	1.32%
02/90	9.76%	8.48%	1.28%
03/90	9.85%	8.57%	1.28%
04/90	9.92%	8.75%	1.17%
05/90	10.00%	8.73%	1.27%
06/90	9.80%	8.43%	1.37%
07/90	9.75%	8.50%	1.25%
08/90	9.92%	8.85%	1.07%
09/90	10.12%	8.99%	1.13%
10/90	10.05%	8.86%	1.19%
11/90	9.90%	8.58%	1.32%
12/90	9.73%	8.23%	1.50%
01/91	9.71%	8.20%	1.51%
02/91	9.47%	8.08%	1.39%
03/91	9.55%	8.21%	1.34%
04/91	9.46%	8.22%	1.24%
05/91	9.44%	8.24%	1.20%

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<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
06/91	9.59%	8.48%	1.11%
07/91	9.55%	8.44%	1.11%
08/91	9.29%	8.15%	1.14%
09/91	9.16%	7.96%	1.20%
10/91	9.12%	7.95%	1.17%
11/91	9.05%	7.91%	1.14%
12/91	8.88%	7.69%	1.19%
01/92	8.84%	7.61%	1.23%
02/92	8.93%	7.86%	1.07%
03/92	8.97%	8.00%	0.97%
04/92	8.93%	7.95%	0.98%
05/92	8.87%	7.89%	0.98%
06/92	8.78%	7.83%	0.95%
07/92	8.57%	7.59%	0.98%
08/92	8.44%	7.39%	1.05%
09/92	8.40%	7.34%	1.06%
10/92	8.54%	7.50%	1.04%
11/92	8.63%	7.56%	1.07%
12/92	8.43%	7.46%	0.97%
01/93	8.27%	7.34%	0.93%
02/93	8.04%	7.06%	0.98%
03/93	7.90%	6.78%	1.12%
04/93	7.81%	6.85%	0.96%

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<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
05/93	7.86%	6.92%	0.94%
06/93	7.75%	6.82%	0.93%
07/93	7.54%	6.63%	0.91%
08/93	7.25%	6.30%	0.95%
09/93	7.04%	6.03%	1.01%
10/93	7.03%	5.93%	1.10%
11/93	7.30%	6.24%	1.06%
12/93	7.34%	6.26%	1.08%
01/94	7.33%	6.29%	1.04%
02/94	7.47%	6.51%	0.96%
03/94	7.85%	6.94%	0.91%
04/94	8.22%	7.25%	0.97%
05/94	8.33%	7.32%	1.01%
06/94	8.31%	7.38%	0.93%
07/94	8.47%	7.60%	0.87%
08/94	8.41%	7.61%	0.80%
09/94	8.64%	7.84%	0.80%
10/94	8.86%	8.02%	0.84%
11/94	8.98%	8.17%	0.81%
12/94	8.76%	7.91%	0.85%
01/95	8.73%	7.86%	0.87%
02/95	8.52%	7.66%	0.86%
03/95	8.37%	7.52%	0.85%

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<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
04/95	8.27%	7.43%	0.84%
05/95	7.91%	7.04%	0.87%
06/95	7.60%	6.68%	0.92%
07/95	7.70%	6.75%	0.95%
08/95	7.83%	6.92%	0.91%
09/95	7.62%	6.44%	1.18%
10/95	7.46%	6.35%	1.11%
11/95	7.43%	6.29%	1.14%
12/95	7.23%	6.05%	1.18%
01/96	7.22%	6.05%	1.17%
02/96	7.37%	6.25%	1.12%
03/96	7.73%	6.62%	1.11%
04/96	7.89%	6.76%	1.13%
05/96	7.98%	6.94%	1.04%
06/96	8.06%	6.94%	1.12%
07/96	8.02%	7.05%	0.97%
08/96	7.84%	6.88%	0.96%
09/96	8.01%	7.00%	1.01%
10/96	7.77%	6.78%	0.99%
11/96	7.49%	6.55%	0.94%
12/96	7.59%	6.56%	1.03%
01/97	7.77%	6.82%	0.95%
02/97	7.64%	6.70%	0.94%

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<u>Date</u>	<u>Moody's A Public Utility Bond</u>	<u>30-Year U.S. Treasury Bond</u>	<u>A/U.S. Treasury Bond Spread</u>
03/97	7.87%	6.96%	0.91%
04/97	8.03%	7.13%	0.90%
05/97	7.89%	6.93%	0.96%
06/97	7.72%	6.73%	0.99%
07/97	7.48%	6.53%	0.95%
08/97	7.51%	6.58%	0.93%
09/97	7.47%	6.49%	0.98%
10/97	7.35%	6.33%	1.02%
11/97	7.25%	6.08%	1.17%
12/97	7.16%	5.96%	1.20%
01/98	7.04%	5.83%	1.21%
02/98	7.12%	5.89%	1.23%
03/98	7.16%	5.92%	1.24%
04/98	7.16%	5.87%	1.29%
05/98	7.16%	5.93%	1.23%
06/98	7.03%	5.69%	1.34%
07/98	7.03%	5.68%	1.35%
AVERAGE	8.70%	7.55%	1.15%

Sources: *Moody's Bond Record*
The Wall Street Journal

**BellSouth Telecommunications
 Book Value Capital Structure
 June 30, 1998**

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	56.44%	15.00% (Implied)	8.47%
Debt	<u>43.56%</u>	6.39%	<u>2.78%</u>
Total	100.00%		11.25%

60% Equity Ratio Used in BellSouth Telecommunications Cost Studies

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	60.00%	14.35% (Implied)	8.61%
Debt	<u>40.00%</u>	6.60%	<u>2.64%</u>
Total	100.00%		11.25%

**BellSouth Telecommunications
 Market Value Capital Structure
 March 31, 1998**

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	86.06%	14.20%-14.46%	12.22%-12.44%
Debt	<u>13.94%</u>	6.60%	<u>.92%</u>
Total	100.00%		13.14%-13.36%

**Sprint-Florida
 Book Value Capital Structure
 June 30, 1998**

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	60.05%	13.99% (Implied)	8.40%
Debt	<u>39.95%</u>	7.13%	<u>2.85%</u>
Total	100.00%		11.25%

Capital Structure Used in Sprint-Florida Cost Studies

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	59.58%	14.12% (Implied)	8.41%
Debt	<u>40.42%</u>	7.02%	<u>2.84%</u>
Total	100.00%		11.25%

**Sprint-FL Market Value Capital Structure
 March 31, 1998**

<u>Source</u>	<u>Ratio</u>	<u>Rate</u>	<u>Weighted Cost</u>
Equity	83.72%	14.30%-14.53%	11.97%-12.16%
Debt	<u>16.28%</u>	6.95%	<u>1.13%</u>
Total	100.00%		13.10%-13.29%

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Market Value Capital Structure of
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**Market Value Capital Structure of Portfolio of Companies Comparable in Risk to
BellSouth Telecommunications
March 31, 1998**

COMPANY	MARKET VALUE OF COMMON EQUITY	BOOK VALUE OF TOTAL DEBT	BOOK VALUE OF PREFERRED EQUITY	DEBT / TOTAL CAPITAL ¹	EQUITY / TOTAL CAPITAL
Abbott Laboratories	44744.09	2719.33	0.00	0.0573	0.9427
Aluminum Co. of America	12512.21	1952.10	55.80	0.1383	0.8617
Amoco	43146.52	5688.00	0.00	0.1165	0.8835
Anheuser-Busch	21302.93	4365.60	0.00	0.1701	0.8299
Avery Dennison	4293.47	447.70	0.00	0.0944	0.9056
Cincinnati Bell	4044.29	459.80	0.00	0.1021	0.8979
Corning	9591.79	1349.10	19.80	0.1249	0.8751
Donnelley (R. R.) & Sons	4902.86	1198.23	0.00	0.1964	0.8036
Du Pont (E. I.)	62453.11	12083.00	237.00	0.1648	0.8352
Electronic Data Systems	21081.98	1900.40	0.00	0.0827	0.9173
Hershey Foods	7420.25	1317.38	0.00	0.1508	0.8492
Kellogg	14196.64	1995.20	0.00	0.1232	0.8768
Lilly (Eli)	48318.84	2553.70	0.00	0.0502	0.9498
Mobil	50875.51	6664.00	336.00	0.1209	0.8791
Nalco Chemical	2511.62	357.40	33.40	0.1346	0.8654
Rohm & Haas	5321.77	606.00	126.00	0.1209	0.8791
Southern New England Telecom.	2397.59	1343.20	0.00	0.3591	0.6409
Texaco	27615.77	6392.00	368.00	0.1967	0.8033
TRW	6676.10	1656.00	1.00	0.1988	0.8012

¹ Debt is defined as the book value of total debt plus the book value of preferred equity.

BellSouth Telecommunications
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 Market Value Capital Structure of
 BST Comparables
 Page 2 of 2

COMPANY	MARKET VALUE OF COMMON EQUITY	BOOK VALUE OF TOTAL DEBT	BOOK VALUE OF PREFERRED EQUITY	DEBT / TOTAL CAPITAL ¹	EQUITY / TOTAL CAPITAL
Warner-Lambert	23634.57	2203.30	0.00	0.0853	0.9147
Average ²	\$20852.09	\$2862.57	\$58.85	0.1394	0.8606

² The average debt and equity ratios are calculated as the average of the respective ratios for each individual company.

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& Sprint-Florida
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Billingsley Exhibit No. RSB-12
Market Value Capital Structure of
Sprint-FL Comparables
Page 1 of 2

**Market Value Capital Structure of Portfolio of Companies Comparable in Risk to
Sprint-Florida
March 31, 1998**

COMPANY	MARKET VALUE OF COMMON EQUITY	BOOK VALUE OF TOTAL DEBT	BOOK VALUE OF PREFERRED EQUITY	DEBT / TOTAL CAPITAL ¹	EQUITY / TOTAL CAPITAL
Anheuser Busch	21302.93	4365.60	0.00	0.1701	0.8299
Apache Corporation	2989.53	1518.58	0.00	0.3369	0.6631
Atlantic Richfield	20981.97	6201.00	1.00	0.2281	0.7719
Avery Dennison	4293.47	447.70	0.00	0.0944	0.9056
Avon Products	7562.04	234.30	0.00	0.0301	0.9699
Cincinnati Bell	4044.29	459.80	0.00	0.1021	0.8979
Dow Chemical	19160.01	6258.00	49.00	0.2477	0.7523
Du Pont (E.I.)	62453.11	12083.00	237.00	0.1648	0.8352
Ecolab	2462.74	308.27	0.00	0.1112	0.8888
Electronic Data Systems	21081.98	1900.40	0.00	0.0827	0.9173
Harley-Davidson	2746.12	370.64	0.00	0.1189	0.8811
Leggett & Platt	3242.51	512.80	0.00	0.1366	0.8634
Phillips Petroleum	10890.80	3659.00	0.00	0.2515	0.7485
PPG Industries	10063.90	1701.00	0.00	0.1446	0.8554
Rayonier	1114.18	425.52	0.00	0.2764	0.7236
Rohm & Haas	5321.77	606.00	126.00	0.1209	0.8791
Sprint Corporation	19350.09	3879.60	11.50	0.1674	0.8326
Sundstrand	2674.37	365.00	0.00	0.1201	0.8799
TRW	6676.10	1656.00	1.00	0.1988	0.8012

¹ Debt is defined as the book value of total debt plus the book value of preferred equity.

BellSouth Telecommunications
 & Sprint-Florida
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 Billingsley Exhibit No. RSB-12
 Market Value Capital Structure of
 Sprint-FL Comparables
 Page 2 of 2

COMPANY	MARKET VALUE OF COMMON EQUITY	BOOK VALUE OF TOTAL DEBT	BOOK VALUE OF PREFERRED EQUITY	DEBT / TOTAL CAPITAL ¹	EQUITY / TOTAL CAPITAL
U. S. Freightways	644.93	115.65	0.00	0.1521	0.8479
Average ²	511452.84	52353.39	521.28	0.1628	0.8372

² The average debt and equity ratios are calculated as the average of the respective ratios for each individual company.

1 average risk premium of 6.94% is added to the recent average Aaa-public utility bond return of
2 6.85% to yield an expected cost of equity return on the S&P 500 of 13.79%.

3
4 Billingsley Exhibit No. RSB-6 shows that the average expected risk premium relative to A-
5 rated public utility bonds from 1987 to July of 1998 is 6.59%. The average yield on A-rated
6 public utility over the most recent three months (May to July of 1998) is 7.07%. Thus, the
7 average risk premium of 6.59% is added to the recent average A-public utility bond return of
8 7.07% to yield an expected cost of equity return on the S&P 500 of 13.66%.

9
10 In summary, risk premium analyses using both Aaa- and A-rated public utility bond return
11 reference points indicate that the expected return on the broad equity market, as measured by
12 the S&P 500, is currently between 13.66% and 13.83%.

13
14 **B. ADJUSTMENT FOR POTENTIAL CHANGES IN THE RISK**
15 **PREMIUM OVER TIME**

16
17 Q. What specific adjustment do you make to update your risk premium analysis in light of the
18 evidence cited in your previously filed direct testimony on the inverse relationship between the
19 risk premium and the level of interest rates?

20
21 A. As noted in my direct testimony, during the period of the Harris and Marston study (R. S.
22 Harris and F.C. Marston, "Estimating Shareholder Risk Premia Using Analysts' Growth
23 Forecasts," *Financial Management*, Vol. 21, No. 2, 1992, pp. 63-70), the average risk
24 premium was 6.47% and the average yield on long-term U.S. Treasury bonds was 9.84%. The
25 study finds evidence that the equity market risk premium is expected to change an average of -

**CERTIFICATE OF SERVICE
DOCKET NO. 980696-TP (HB4785)**

I HEREBY CERTIFY that a true and correct copy of the foregoing was served via Federal Express this 21st day of September, 1998 to the following:

Jack Shreve, Esquire
Charles Beck, Esquire
Office of Public Counsel
c/o The Florida Legislature
111 W. Madison Street, Rm. 812
Tallahassee, Florida 32399-1400
Tel. No. (850) 488-9330
Fax. No. (850) 488-4491

Michael Gross, Esquire (+)
Assistant Attorney General
Office of the Attorney General
PL-0 1 The Capitol
Tallahassee, Florida 32399-1050
Tel. No. (850) 414-3300
Fax. No. (850) 488-6589

Hand Deliveries:
The Collins Building
107 West Gaines Street
Tallahassee, FL 32301

Tracy Hatch, Esquire (+)
AT&T
101 N. Monroe Street, Suite 700
Tallahassee, Florida 32301
Tel. No. (850) 425-6364
Fax. No. (850) 425-6361

Richard D. Melson, Esquire
Hopping, Green, Sams & Smith, P.A.
123 South Calhoun Street
Tallahassee, Florida 32314
Tel. No. (850) 425-2313
Fax. No. (850) 224-8551
Atty. for MCI

Thomas K. Bond
MCI Metro Access Transmission
Services, Inc.
780 Johnson Ferry Road
Suite 700
Atlanta, GA 30342
Tel. No. (404) 267-6315
Fax. No. (404) 267-5992

Robert M. Post, Jr.
ITS
16001 S.W. Market Street
Indiantown, FL 34956
Tel. No. (561) 597-3113
Fax. No. (561) 597-2115

Charles Rehwinkel
Sprint-Florida, Inc.
1313 Blair Stone Road,
MC FLTHOO 107
Tallahassee, Florida 32301
Tel. No. (850) 847-0244
Fax. No. (850) 878-0777

Carolyn Marek
VP-Regulatory Affairs
S.E. Region
Time Warner Comm.
2828 Old Hickory Boulevard
Apt. 713
Nashville, TN 37221
Tel. No. (615) 673-1191
Fax. No. (615) 673-1192

Norman H. Horton, Jr., Esquire (+)
Messer, Caparello & Self P. A.
215 South Monroe Street
Suite 701
Tallahassee, Florida 32301
Tel. No. (850) 222-0720
Fax. No. (850) 224-4359
Represents e.spire™

David B. Erwin, Esquire
Attorney-at-Law
127 Riversink Road
Crawfordville, Florida 32327
Tel. No. (850) 926-9331
Fax. No. (850) 926-8448
Represents GTC, Frontier,
ITS and TDS

Floyd R. Self, Esquire
Messer, Caparello & Self, P.A.
215 South Monroe Street
Suite 701
Tallahassee, FL 32301
Tel. No. (850) 222-0720
Fax. No. (850) 224-4359
Represents WorldCom

Patrick Wiggins, Esquire
Donna L. Canzano, Esquire (+)
Wiggins & Villacorta
2145 Delta Blvd.
Suite 200
Tallahassee, Florida 32302
Tel. No. (850) 385-6007
Fax. No. (850) 385-6008

Kimberly Caswell, Esquire
GTE Florida Incorporated
201 North Franklin Street
16th Floor
Tampa, Florida 33602
Tel. No. (813) 483-2617
Fax. No. (813) 204-8870

Jeffry J. Wahlen, Esquire
Ausley & McMullen
227 South Calhoun Street
Tallahassee, Florida 32301

Tel. No. (850) 425-5471 or 5487
Fax. No. (850) 222-7560
Represents ALLTEL, NEFTC,
and Vista-United

Tom McCabe
TDS Telecom
107 West Franklin Street
Quincy, FL 32351
Tel. No. (850) 875-5207
Fax. No. (850) 875-5225

Peter M. Dunbar, Esquire
Barbara D. Auger, Esquire
Pennington, Moore, Wilkinson,
& Dunbar, P. A.
215 South Monroe Street
2nd Floor
Tallahassee, Florida 32301
Tel. No. (850) 222-3533
Fax. No. (850) 222-2126

Brian Sulmonetti
WorldCom, Inc.
1515 South Federal Highway
Suite 400
Boca Raton, FL 33432
Tel. No. (561) 750-2940
Fax. No. (561) 750-2629

Kelly Goodnight
Frontier Communications
180 South Clinton Avenue
Rochester, New York 14646
Tel. No. (716) 777-7793
Fax. No. (716) 325-1355

Laura Gallagher (+)
VP-Regulatory Affairs
Florida Cable Telecommunications
Association, Inc.
310 N. Monroe Street
Tallahassee, Florida 32301
Tel. No. (850) 681-1990
Fax. No. (850) 681-9676

Mark Ellmer
GTC Inc.
502 Fifth Street
Port St. Joe, Florida 32456
Tel. No. (850) 229-7235
Fax. No. (850) 229-8689

Steven Brown
Intermedia Communications, Inc.
3625 Queen Palm Drive
Tampa, Florida 33619-1309
Tel. No. (813) 829-0011
Fax. No. (813) 829-4923

Harriet Eudy
ALLTEL Florida, Inc.
206 White Avenue
Live Oak, Florida 32060
Tel. No. (904) 364-2517
Fax. No. (904) 364-2474

Lynne G. Brewer
Northeast Florida Telephone Co.
130 North 4th Street
Macclenny, Florida 32063
Tel. No. (904) 259-0639
Fax. No. (904) 259-7722

James C. Falvey, Esquire
e.spire™ Comm. Inc.
133 National Business Pkwy.
Suite 200
Annapolis Junction, MD 20701
Tel. No. (301) 361-4298
Fax. No. (301) 361-4277

Lynn B. Hall
Vista-United Telecomm.
3100 Bonnet Creek Road
Lake Buena Vista, FL 32830
Tel. No. (407) 827-2210
Fax. No. (407) 827-2424

William Cox
Staff Counsel
Florida Public Svc. Comm.

2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850
Tel. No. (850) 413-6204
Fax. No. (850) 413-6250

Suzanne F. Summerlin, Esq.
1311-B Paul Russell Road
Suite 201
Tallahassee, FL 32301
Tel. No. (850) 656-2288
Fax. No. (850) 656-5589

Paul Kouroupas
Michael McRae, Esq.
Teleport Comm. Group, Inc.
2 Lafayette Centre
1133 Twenty-First Street, N.W.
Suite 400
Washington, D.C. 20036
Tel. No. (202) 739-0032
Fax. No. (202) 739-0044

Joseph A. McGlothlin
Vicki Gordon Kaufman
McWhirter, Reeves, McGlothlin,
Davidson, Rief & Bakas, P.A.
117 South Gadsden Street
Tallahassee, FL 32301
Tel. No. (850) 222-2525


Mary K. Keyser

(+) Protective Agreements