

SECURITIES AND EXCHANGE COMMISSION

FORM 10-Q

Quarterly report pursuant to sections 13 or 15(d)

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CENTILLIUM COMMUNICATIONS INC

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UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

FORM 10-Q

QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the quarterly period ended March 31, 2006

OR

TRANSITION REPORT PURSUANT TO SECTION 13 OR 15(d) OF THE SECURITIES EXCHANGE ACT OF 1934

For the transition period from _____ to _____

Commission file number 000-30649



Centillum Communications, Inc.

(Exact name of Registrant as Specified in its Charter)

Delaware
(State or Other Jurisdiction of Incorporation or Organization)

94-3263530
(I.R.S. Employer Identification Number)

215 Fourier Avenue
Fremont, California 94539

(Address of Principal Executive Offices including Zip Code)

(510) 771-3700

(Registrant's Telephone Number, Including Area Code)

Indicate by check mark whether the registrant (1) has filed all reports required to be filed by Section 13 or 15 (d) of the Securities Exchange Act of 1934 during the preceding 12 months (or for such shorter period that the registrant was required to file reports), and (2) has been subject to such filing requirements for the past 90 days. YES NO

Indicate by check mark whether the registrant is a large accelerated filer, an accelerated filer, or a non-accelerated filer. See definition of "accelerated filer and large accelerated filer" in Rule 12b-2 of the Exchange Act. (Check one):

Large accelerated filer Accelerated filer Non-accelerated filer

Indicate by check mark whether the registrant is a shell company (as defined in Rule 12b-2 of the Exchange Act). YES NO

The number of shares of the registrant's common stock, \$0.001 par value, outstanding as of April 24, 2006 was 40,447,547.

Centillum Communications, Inc.
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Part I -- FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

**CENTILLIUM COMMUNICATIONS, INC.
CONDENSED CONSOLIDATED BALANCE SHEETS**

	March 31, 2006 (Unaudited)	December 31, 2005(*)
	(In thousands, except share and per share data)	
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 41,010	\$ 39,440
Short-term investments	22,447	21,900
Accounts receivable (net of allowance for doubtful accounts of \$151 at March 31, 2006 and \$169 at December 31, 2005)	8,245	7,177
Inventories	3,194	3,609
Other current assets	1,758	1,780
Total current assets	76,654	73,906
Property and equipment, net	3,235	3,529
Other assets	794	912
Total assets	\$ 80,683	\$ 78,347
LIABILITIES AND STOCKHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 7,326	\$ 5,987
Accrued compensation and related expenses	3,887	4,247
Accrued liabilities	19,722	19,133
Total current liabilities	30,935	29,367
Long-term liabilities:		
Other long-term liabilities	2,201	2,368
Total liabilities	33,136	31,735
Commitments and contingencies (Note 4)		
Stockholders' equity:		
Common stock; \$0.001 par value:		
Authorized shares: 100,000,000; Issued and outstanding shares: 40,360,588 at March 31, 2006, 40,205,940 at December 31, 2005	40	40
Additional paid-in capital	248,296	247,081
Deferred compensation	-	(24)
Accumulated deficit	(200,753)	(200,440)
Accumulated other comprehensive loss	(36)	(45)
Total stockholders' equity	47,547	46,612
Total liabilities and stockholders' equity	\$ 80,683	\$ 78,347

* Derived from audited financial statements at December 31, 2005

See accompanying notes.

CENTILLIUM COMMUNICATIONS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)

	Three Months Ended March 31,	
	2006	2005
	(In thousands, except per share data)	
Net revenues	\$ 20,254	\$ 17,196
Cost of revenues (a)	8,741	8,733
Gross profit	11,513	8,463
Operating expenses:		
Research and development (a)	6,636	8,983
Selling, general and administrative (a)	5,772	6,092
Total operating expenses	12,408	15,075
Operating loss	(895)	(6,612)
Interest income and other, net	616	299
Loss before provision for income taxes	(279)	(6,313)
Provision for income taxes	34	40
Net loss	\$ (313)	\$ (6,353)
Basic and diluted net loss per share	\$ (0.01)	\$ (0.16)
Shares used to compute basic and diluted net loss per share	40,282	38,845
(a) Includes employee stock-based compensation as follows:		
Cost of revenues	\$ 22	\$ -
Research and development	349	-
Selling, general and administrative	523	-
	\$ 894	\$ -

See accompanying notes.

CENTILLIUM COMMUNICATIONS, INC.
CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)

	Three Months Ended March 31,	
	2006	2005
	(In thousands)	
OPERATING ACTIVITIES		
Net loss	\$ (313)	\$ (6,353)
Adjustments to reconcile net loss to net cash provided by (used in) operating activities:		
Depreciation and amortization expense	633	1,074
Stock-based compensation expense	911	-
Loss on retirement of property and equipment	-	4
Changes in operating assets and liabilities:		
Accounts receivable	(1,068)	(2,262)
Inventories	415	875
Other current assets	22	(1,452)
Other assets	118	10
Accounts payable	1,339	(849)
Accrued compensation and related expenses	(360)	474
Accrued liabilities	589	615
Other long-term liabilities	(167)	(17)
Net cash provided by (used in) operating activities	2,119	(7,881)
INVESTING ACTIVITIES		
Purchases of short-term investments	(28,000)	(7,564)
Sales and maturities of short-term investments	27,462	20,285
Purchases of property and equipment	(339)	(157)
Net cash provided by (used in) investing activities	(877)	12,564
FINANCING ACTIVITIES		
Proceeds from issuance of common stock	328	144
Net cash provided by financing activities	328	144
Net increase in cash and cash equivalents	1,570	4,827
Cash and cash equivalents at beginning of period	39,440	31,996
Cash and cash equivalents at end of period	\$ 41,010	\$ 36,823
SUPPLEMENTAL DISCLOSURES OF CASH FLOW		
Cash paid for income taxes	\$ 6	\$ 32

See accompanying notes.

CENTILLIUM COMMUNICATIONS, INC.
NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS
(UNAUDITED)

1. Description of Business

Centillum Communications, Inc. which we refer to as Centillum or the Company, was incorporated in California in February 1997 and was reincorporated in Delaware in December 1999. Centillum designs, develops and supplies highly-integrated programmable system-on-a-chip (SoC) solutions that enable high-speed broadband access, which is the delivery of high capacity bandwidth to consumers and enterprises for networking of data, voice and video signals. Our SoC products incorporate digital and mixed-signal semiconductors and related software. We serve the Digital Subscriber Line (DSL), Voice over Internet Protocol (VoIP) and Fiber-To-The-Premises (FTTP), which is also known as optical networking, markets. Our customers are systems vendors and original equipment manufacturers who sell DSL and optical network equipment, for deployment in central offices and customer premises, and VoIP equipment, for use in carrier-class and enterprise-class gateways and consumer telephony applications.

2. Summary of Significant Accounting Policies

Basis of Presentation

The accompanying unaudited condensed consolidated financial statements have been prepared in accordance with U.S. generally accepted accounting principles for interim financial information and the instructions to Form 10-Q and Article 10 of Regulation S-X. In the opinion of management, the unaudited condensed consolidated financial statements contain all adjustments (consisting of normal recurring adjustments) that are necessary for a fair presentation of Centillum's consolidated financial position at March 31, 2006, the consolidated results of operations for the three months ended March 31, 2006 and its consolidated cash flows for the three months ended March 31, 2006. Operating results for the three months ended March 31, 2006 are not necessarily indicative of the results that may be expected for the year ending December 31, 2006.

The unaudited condensed consolidated financial statements include all the accounts of Centillum and those of its wholly owned subsidiaries. All intercompany accounts and transactions have been eliminated.

The accompanying unaudited condensed consolidated financial statements do not include certain financial footnotes and disclosures required under U.S. generally accepted accounting principles for audited financial statements. Therefore, these financial statements should be read in conjunction with Centillum's audited consolidated financial statements and footnotes thereto for the year ended December 31, 2005 included in Centillum's Annual Report on Form 10-K, filed with the Securities and Exchange Commission on March 13, 2006.

Use of Estimates

The preparation of the consolidated financial statements in conformity with U.S. generally accepted accounting principles requires Centillum to make assumptions, estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosures of contingent assets and liabilities reported in the condensed consolidated financial statements and accompanying notes. On an on-going basis, Centillum evaluates its estimates and assumptions related to revenue recognition, sales returns and allowances, allowance for doubtful accounts, inventories, warranty and litigation and contingencies. Estimates on historical experience and on various other assumptions are believed to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities. Actual results may differ from these estimates under different assumptions or conditions.

Recent Accounting Pronouncements

In May 2005, the Financial Accounting Standards Board (FASB) issued SFAS No. 154, "Accounting Changes and Error Corrections-a Replacement of APB Opinion No. 20 and FASB Statement No. 3" (SFAS 154), which requires retrospective application to prior periods' financial statements of every voluntary change in accounting principal unless it is impracticable to do so. SFAS 154 is effective for accounting changes and corrections of errors beginning in fiscal 2007. Centillum does not expect the adoption of this standard to have a material effect on Centillum's financial position or results of operations.

In December 2004, the FASB issued SFAS No. 153, Exchanges of Nonmonetary Assets, an amendment of APB Opinion No. 29. The guidance in APB Opinion No. 29, Accounting for Nonmonetary Transactions, is based on the principle that exchanges of nonmonetary assets should be measured based on the fair value of assets exchanged. The guidance in that Opinion, however, included certain exceptions to that principle. This Statement amends Opinion 29 to eliminate the exception for nonmonetary exchanges of similar productive assets that do not have commercial substance. A nonmonetary exchange has commercial substance if the future cash flows of the entity are expected to change significantly as a result of the exchange. SFAS No. 153 is effective for nonmonetary exchanges occurring in fiscal periods beginning after June 15, 2005. The adoption of SFAS No. 153 did not have a material impact on the Company's financial position and results of operations.

In November 2004, the FASB issued Statement No. 151 "Inventory Costs, an amendment of ARB No. 43, Chapter 4," (SFAS 151), which amends the guidance in ARB No. 43, Chapter 4, "Inventory Pricing" to clarify the accounting for abnormal amounts of idle facility expense, freight, handling costs and spoilage. This statement now requires that these costs be expensed as current period charges. In addition, this statement requires that the allocation of fixed production overhead to the costs of conversion be based on the normal capacity of the production facilities. The provisions of this statement are effective for inventory costs incurred during fiscal years beginning after June 15, 2005. The Company's adoption of SFAS 151 on January 1, 2006 did not have a material effect on its financial position, results of operations or cash flows.

3. Stock-based Compensation

Adoption of SFAS 123R

The Company adopted Statement of Financial Accounting Standards No. 123 (revised 2004), "*Share-Based Payment*," (SFAS 123(R)) effective January 1, 2006. SFAS 123(R) requires the recognition of the fair value of stock compensation in net income. The Company recognizes the stock compensation expense over the requisite service period of the individual grantees, which generally equals the vesting period of the stock-based award. Prior to January 1, 2006, the Company followed Accounting Principles Board ("APB") Opinion 25, "*Accounting for Stock Issued to Employees*," and related interpretations in accounting for its stock compensation.

The Company elected the modified prospective transition method for adopting SFAS 123(R).

Determining Fair Value

Valuation and amortization method

-The Company estimates the fair value of stock options granted using the Black-Scholes option-pricing formula and a single option award approach. This fair value is then amortized on a ratable basis over the requisite service periods of the awards, which is generally the vesting period.

Expected Term

-The Company's expected term represents the period that the Company's stock-based awards are expected to be outstanding and is determined based on the Staff Accounting Bulletin 107 simplified method.

Expected Volatility

-The fair value of stock based payments made prior to January 1, 2006 were based on the Black-Scholes valuation method with a volatility factor based on the Company's stock price history. Commencing in periods ending after December 31, 2005, the Company's volatility factor is estimated using the Company's stock price history and management's forecast.

Expected Dividend

-The Black-Scholes valuation model calls for a single expected dividend yield as an input. The dividend yield of zero is based on the fact that the Company has never paid cash dividends and has no present intention to pay cash dividends in the future.

Risk-Free Interest Rate

-The Company bases the risk-free interest rate used in the Black-Scholes valuation method on the implied yield currently available on U.S. Treasury zero-coupon issues with an equivalent remaining term.

Estimated Forfeitures

-When estimating forfeitures, the Company considers voluntary termination behavior as well as analysis of actual option forfeitures.

Fair Value

-The fair value of the Company's stock options granted to employees for the three months ended March 31, 2006 and 2005 was estimated using the following weighted-average assumptions:

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
Option Plan Shares		
Expected term (in years)	2.7 years	2.9 years
Volatility	71%	93%
Expected dividend	-%	-%
Risk free interest rate	4.84%	3.88%
Estimated forfeitures	6.60%	-%
ESPP Shares		
Expected term (in years)	0.5 years	0.5 years
Volatility	72%	93%
Expected dividend	-%	-%
Risk free interest rate	4.37%	3.88%

Stock Compensation Expense

Under the provisions of SFAS 123(R), the Company recorded \$894,000 of stock compensation expense on our unaudited condensed consolidated statement of operations for the three months ended March 31, 2006. The Company utilized the Black-Scholes valuation model for estimating the fair value of the stock compensation granted both before and after the adoption of SFAS 123(R).

At March 31, 2006, the total compensation cost related to unvested stock-based awards granted to employees under the Company's stock option plans but not yet recognized was approximately \$3.5 million, net of estimated forfeitures of \$524,000. This cost will be amortized on a ratable basis over a weighted-average period of approximately 2.7 years and will be adjusted for subsequent changes in estimated forfeitures.

Pro-forma Disclosures

FAS 123(R) requires the Company to present pro forma information for the comparative period prior to adoption as if it had accounted for all our employee stock options under the fair value method of the original SFAS 123. The following table illustrates the effect on net income and earnings per share if the Company had applied the fair value recognition provisions of SFAS 123 to stock-based employee compensation to the prior-year period (dollars in thousands, except per share data):

	Three Months Ended March 31, 2005
Net loss as reported	\$ (6,353)
Add: Stock-based compensation expense included in reported net loss, net of recovery	-
Less: Total stock-based compensation expense under fair value based method for all awards, net of related tax effects	<u>(2,155)</u>
Pro forma net loss	<u>\$ (8,508)</u>
Basic and diluted net loss per share:	
As reported	\$ (0.16)
Pro forma	\$ (0.22)

4. Commitments and Contingencies

The Company leases its facilities under operating leases, expiring through March 2011. In conjunction with its lease of new facilities in Fremont, California, in March 2004 the Company capitalized \$731,000 of incentives, which is being amortized over the seven year lease period. Rental expense was approximately \$3.7 million, \$2.2 million and \$2.4 million in 2005, 2004 and 2003, respectively. The rental expense in 2005 includes \$2.2 million in surplus space charges. Additionally, the Company leases certain software under operating leases expiring through December 2010.

Changes to the surplus space liability as of March 31, 2006 are as below (in thousands):

Surplus space charges:	<u>Amount</u>
Surplus space charges recorded in the year ended December 31, 2005	\$ 2,186
Leasehold improvements abandoned	(386)
Facility costs incurred and offset against liability	<u>(223)</u>
Ending surplus space liability balance at December 31, 2005	1,577
Facility costs incurred and offset against liability during the three months ended March 31, 2006	<u>(121)</u>
Ending surplus space liability balance at March 31, 2006	<u>\$ 1,456</u>

The Company does not own or operate a fabrication facility and foundries located in Asia currently supply substantially all of its wafer requirements. The Company's purchase obligations to these foundries are based on non-cancelable purchase orders. As of March 31, 2006, the Company's non-cancelable purchase obligations for wafers, all expected to be delivered within the next nine months, is \$10.7 million.

Centillum enters into standard indemnification agreements in the ordinary course of business. Pursuant to these agreements, Centillum indemnifies, holds harmless, and agrees to reimburse the indemnified party for losses suffered or incurred by the indemnified party, generally its business partners or customers, in connection with certain patent, copyright or other intellectual property infringement claims by any third parties with respect to its products. The term of these indemnification agreements is generally perpetual but is typically subject to an overall cap on liability. Centillum has not incurred significant costs to defend lawsuits or settle claims related to these indemnification agreements and it has no liabilities recorded for these agreements as of March 31, 2006.

The semiconductor and telecommunications industries are characterized by substantial litigation regarding patent and other intellectual property rights. In August 2004, Fujitsu Limited filed a suit against Centillum Communications, Inc. and Centillum Japan K.K. ("Centillum Japan") in the Tokyo District Court alleging that Centillum and Centillum Japan infringe one Japanese patent jointly owned by Fujitsu and Ricoh Co. Ltd. The complaint seeks monetary damages against Centillum and Centillum Japan. The suit is in process and we do not believe it is feasible to predict or determine the outcome or resolution of this litigation with any certainty at this point. The Company believes it has meritorious defenses and is continuing to defend itself against these claims vigorously. The Company has incurred and is likely to continue to incur substantial expenses in its defense against these claims. In the event of a determination adverse to the Company, it may incur substantial liability and this could have a material adverse effect on its financial position, results of operations or cash flows.

The Company is involved in other litigation and responding to claims arising in the ordinary course of business. In December 2005, Accton Technology Corporation ("Accton") filed a suit against Centillum in the Superior Court of the State of California for the County of Alameda alleging a variety of claims, including breach of contract, breach of express warranty and fraud and concealment in connection with certain products that Accton purchased in 2002 and 2003. The complaint seeks monetary damages against Centillum. Centillum is in the process of evaluating the complaint, and the probable outcome of this suit cannot be predicted with any certainty and a reasonable range of loss, if any, cannot be estimated. The Company believes it has meritorious defenses and is continuing to defend itself against these claims vigorously. The Company has incurred and is likely to continue to incur substantial expenses in its defense against these claims. In the event of a determination adverse to the Company, it may incur substantial liability and this could have a material adverse effect on its financial position, results of operations or cash flows.

In addition, Centillum is responding to other claims arising in the ordinary course of business. In certain cases, management has accrued estimates of the amounts it expects to pay upon resolution of such matters and such amounts are included in accrued liabilities. Should Centillum not be able to secure the terms it expects, these estimates may change and will be recognized in the period in which they are identified. Although the ultimate outcome of such inquiries is not presently determinable, management believes that the resolution of these matters will not have a material adverse effect on Centillum's financial position or results of operations.

5. Balance Sheet Information

Inventories (in thousands):

	March 31, 2006	December 31, 2005
Work-in-process	\$ 1,464	\$ 1,371
Finished goods	1,730	2,238
	<u>\$ 3,194</u>	<u>\$ 3,609</u>

Property and equipment, net (in thousands):

	March 31, 2006	December 31, 2005
Equipment and software	\$ 28,931	\$ 28,742
Furniture and fixtures	1,107	1,107
Leasehold improvements	1,439	1,439
	<u>31,477</u>	<u>31,288</u>
Accumulated depreciation and amortization	(28,242)	(27,759)
Property and equipment, net	<u>\$ 3,235</u>	<u>\$ 3,529</u>

Accrued liabilities:

The components of accrued liabilities are as follows (in thousands):

	March 31, 2006	December 31, 2005
Accrued royalties	\$ 16,745	\$ 16,323
Accrued other liabilities	2,977	2,810
	<u>\$ 19,722</u>	<u>\$ 19,133</u>

Warranty:

Warranty activity for the three months ended March 31, 2006 and 2005 was as follows (in thousands):

	March 31, 2006	March 31, 2005
Balance at beginning of period	\$ 112	\$ 164
Product warranty accruals	14	(60)
Warranty costs incurred	(4)	(14)
Balance at end of period	<u>\$ 122</u>	<u>\$ 90</u>

6. Cash Equivalents and Short-term Investments

Cash equivalents and short-term investments (in thousands):

	March 31, 2006		
	Gross Unrealized		
	Amortized Cost	Gains/ (Losses)	Estimated Fair Value
Cash Equivalents			
Money market funds	\$ 29,656	\$ -	\$ 29,656
Short-term Investments			
Obligations of the U.S. government and affiliated agencies	22,483	(36)	22,447
Total	<u>\$ 52,139</u>	<u>\$ (36)</u>	<u>\$ 52,103</u>

December 31, 2005

	Amortized	Gross Unrealized Gains/ (Losses)	Estimated Fair Value
	Cost		
Cash Equivalents			
Money market funds	\$ 29,620	\$ -	\$ 29,620
Short-term Investments			
Obligations of the U.S. government and affiliated agencies	21,945	(45)	21,900
Total	<u>\$ 51,565</u>	<u>\$ (45)</u>	<u>\$ 51,520</u>

7. Provision for Income Taxes

The provision for income taxes for the three months ended March 31, 2006 and 2005 relates to current taxes payable for Centillum's subsidiaries located in foreign jurisdictions. Income tax expense differs from the expected benefit that was derived by applying the applicable U.S. federal statutory rate to the loss from operations primarily due to losses that are not currently benefited. Due to Centillum's loss position, a full valuation allowance has been established against Centillum's deferred tax assets, consisting primarily of net operating loss carryforwards.

8. Net Loss Per Share

Basic and diluted net loss per share have been computed using the weighted average number of shares of common stock outstanding during the period. The following table presents the computation of basic and diluted net loss per share (in thousands, except per share amounts):

	Three Months Ended March 31,	
	2006	2005
Net loss	<u>\$ (313)</u>	<u>\$ (6,353)</u>
Basic and diluted weighted average shares used to compute basic and diluted net loss per share	<u>40,282</u>	<u>38,845</u>
Basic and diluted net loss per common share	<u>\$ (0.01)</u>	<u>\$ (0.16)</u>

Centillum has excluded all outstanding warrants and stock options from the calculation of diluted net loss per share because these securities are antidilutive for all periods presented. These excluded common share equivalents could be dilutive in the future. Options and warrants of approximately 8,763,000 and 7,183,000 shares of common stock have been excluded at March 31, 2006 and 2005, respectively.

9. Comprehensive Net Loss

The following table presents the computation of comprehensive net loss (in thousands):

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
Net loss as reported	\$ (313)	\$ (6,353)
Change in unrealized gain on available-for-sale investments	9	(11)
Total comprehensive loss	<u>\$ (304)</u>	<u>\$ (6,364)</u>

10. Business Segment Information and Customer Concentration

Centillum operates in one operating segment, broadband communications. Centillum's foreign operations consist primarily of design centers in India and France, and sales and marketing offices in several locations around the world. Long-lived assets outside the United States are not significant. Geographic sales information is based on the location of the Company's end customer.

The following customers, the first two of whom are located in Japan, accounted for more than 10% of net revenues:

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
NEC	32%	29%
Sumitomo Electric Industries	32%	36%
Lucent Technologies Inc	11%	18%

The following is a summary of net revenues by major geographic area (in thousands):

	<u>Three Months Ended March 31,</u>	
	<u>2006</u>	<u>2005</u>
Japan	\$ 13,223	\$ 11,168
United States	2,601	3,977
Other Asia-Pacific	3,373	1,572
Europe	1,057	479
	<u>\$ 20,254</u>	<u>\$ 17,196</u>

11. Related Party Transactions

One of Centillum's directors, elected in the first quarter of 2004, is a director of Cadence Design Systems, Inc. , a company from which Centillum licenses software tools. In December 2005, Centillum entered into an arrangement to license certain software tools from Cadence under an operating lease that requires quarterly payments through the fourth quarter of 2008. The first payment of \$88,000 was paid to Cadence during the three months ended March 31, 2006 and a liability of \$59,000 was recorded as of March 31, 2006. During 2003, the Company entered into an agreement to license certain software tools from Cadence under an operating lease that required quarterly payments through the third quarter of 2005. This agreement was amended in December 2004 resulting in a \$1.4 million charge for termination of certain licensed software tools that had no future use. The

Company expanded its access to these software tools in 2006 due to increased program development levels from the substantially reduced levels in 2005. Payments to Cadence were \$1.1 million for the year ended December 31, 2005. As of December 31, 2005, the Company had no liability to Cadence.

This director is also a director of Semiconductor Manufacturing International Corporation (SMIC), a company from which Centillium purchases foundry services and products. The Company purchased \$3.5 million and \$2.8 million of foundry services and products from SMIC for the three months ended March 31, 2006 and 2005, respectively. As of March 31, 2006 and 2005, the Company had recorded a liability of \$1.8 million and \$1.1 million due to SMIC, respectively.

ITEM 2. MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS

OF OPERATIONS

You should read the following discussion and analysis in conjunction with our consolidated financial statements and the related notes thereto included in our Annual Report on Form 10-K, filed with the Securities and Exchange Commission on March 13, 2006. The information in this report is not a complete description of our business or the risks associated with an investment in our common stock. We urge you to carefully review and consider the various disclosures made by us in this report and in our other reports filed with the SEC.

All statements included or incorporated by reference in this report, other than statements or characterizations of historical fact, are "forward-looking statements" that are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Examples of forward-looking statements include, but are not limited to, statements concerning projected net revenues, costs and expenses and gross margin; our accounting estimates, assumptions and judgments; the impact of new accounting rules related to the expensing of stock options on our future reported results; the impact of the maturation of the DSL market; our ability to deepen and diversify our DSL business; our ability to continue to control expenses; and the impact of competition and technological change in the DSL market. Additional forward-looking statements may be preceded by words that imply a future state such as "expected" or "anticipated" or imply that a particular future event or events will occur such as "will". These forward-looking statements are based on our current expectations, estimates and projections about our industry and business, management's beliefs, and certain assumptions made by us, all of which are subject to change. Investors are cautioned that all forward-looking statements involve risks and uncertainties and that actual results could be materially different from those expressed in any forward-looking statement. We undertake no obligation to revise or update publicly any forward-looking statements for any reason.

The section entitled "Risk Factors" and similar discussions in our other SEC reports filed with the SEC discuss some of the important risk factors that may affect our business, results of operations and financial condition. Copies of our reports filed with the SEC are available from us without charge and on the SEC's website at www.sec.gov. You should carefully consider those risks, in addition to the other information in this report and in our other filings with the SEC, before deciding to invest in Centillium or to maintain or increase your investment.

Overview

Centillium Communications, Inc. (Centillium or the Company) designs, develops and supplies highly-integrated programmable system-on-a-chip (SoC) solutions that enable high-speed broadband access, which is the delivery of high capacity bandwidth to consumers and enterprises for networking of data, voice and video signals. Our SoC products incorporate digital and mixed-signal semiconductors and related software. We serve the Digital Subscriber Line (DSL), Voice over Internet Protocol (VoIP) and Fiber-To-The-Premises (FTTP), which is also known as optical networking, markets. Our customers are systems vendors and original equipment manufacturers who sell DSL and optical network equipment, for deployment in central offices and customer premises, and VoIP equipment, for use in carrier-class and enterprise-class gateways and consumer telephony applications.

We currently market and sell through our direct sales force and through independent sales representatives in the Asia-Pacific region, Europe, and North America.

Since inception, our net revenues have been derived primarily from the sale of our DSL products to two customers in Japan. These two customers are NEC Corporation (NEC) and Sumitomo Electric Industries, Ltd. (Sumitomo). The low number of net new DSL subscribers in Japan has continued to impact our DSL revenues compared to its last peak in 2003. The Asymmetric DSL (ADSL) new subscriber market in Japan shrank dramatically in 2004 and 2005 compared to 2003 and has adversely impacted our financial performance. We expect that the incremental net subscriber rate in Japan will continue to decrease in 2006 and beyond.

We have not reported an operating profit for any year since inception and have experienced net losses of approximately \$313,000 and \$6.4 million for the three months ended March 31, 2006 and 2005, respectively. We expect to continue to incur operating losses and negative cash flows.

We must achieve substantial revenue growth and continue to control expenses to improve our financial position. Our ability to achieve the necessary revenue growth will depend on how successful we are in diversifying our DSL business to markets outside of Japan and diversifying our business by targeting opportunities in the FTTP and VoIP markets. During the first quarter of 2006, we announced our Maximus™ III and Pharos™ III ADSL chipsets for the central office. These chipsets are optimized to bring high definition quality to next-generation video and IPTV applications for service providers worldwide. Additionally, we announced during the first quarter of 2006 our newest optical transceiver chipset families, Zeus™ 2 and Apollo™ 2. The Zeus 2 and Apollo 2 are the industry's first fully integrated optical transceiver product families in CMOS technology that provide optical module vendors and service providers with transmission rates up to 2.5Gbps, with a high level of reliability, increased flexibility, faster time-to-market and reduced bill of materials cost. During the third quarter of 2005, we announced our entry into the VDSL market with eXtremeVDSL2™, a highly optimized and flexible solution that will complement our FTTP initiative and extend our DSL product portfolio. In the second quarter of 2005, we announced the Palladia™ 400, which delivers the industry's first integrated VoIP solution for the ADSL market. In 2004, we introduced Atlanta 100, which provides a secure high performance router solution for the CPE market with superior VoIP capability, and our Voice Services Platform (VSP), which is designed as the consumer electronics industry's turnkey platform for the development and deployment of carrier-grade VoIP products.

We announced in 2004 a line of optical access products for the developing FTTP market. Our FTTP revenues were \$1.2 million in the three months ended March 31, 2006, and \$3.8 million and \$877,000 for the years ended December 31, 2005 and 2004, respectively. Growth, if any, in our FTTP revenues in 2006 and beyond is dependent on qualification of our FTTP products and the purchase of significant quantities of these products by our customers. One such customer in Japan, which we had expected to account for a significant percentage of this growth, has postponed purchases because our product did not meet a previously waived requirement. Moreover, for this customer, our product must now meet additional requirements and we are in the process of redesigning this product. This is expected to significantly slow our anticipated growth in optical revenues in 2006. We will also incur further costs to implement these customer requirements. Even if we are successful, we expect the delay to defer revenue to at best the fourth quarter of 2006 and possibly beyond. However, there can be no assurance that our product will meet customer requirements now or in the future and that even if they do meet these requirements, that our customers will purchase our product.

In addition to our expanded product lines, we have also increased our sales and marketing presence outside of Japan. We reduced our operating expenses, primarily in the research and development area. The investments we made in our design center in India and in attracting talented engineers resulted in our ability to reduce expenses by conducting more of our research and development in India, where costs are substantially lower than in the United States.

In 2005, we recorded total charges of \$2.2 million for surplus space in a building at our Fremont, California location, which we abandoned. In addition during 2005, we recorded a \$1.0 million charge for licensed software tools, which were written off as these tools are not expected to have future alternative uses. During the fourth quarter of 2004, we restructured our organization by implementing a workforce reduction and terminating a \$1.4 million license for certain software design tools. We also cancelled certain development programs to better focus on higher growth opportunities. The total expense related to the reduction in force was \$1.3 million, of which \$1.0 million related to research and development personnel. These initiatives coupled with a 7% increase in 2005 revenues, an increase in the 2005 gross margin, as well as further expense reductions resulted in a significant decrease in our net

loss for 2005. Our net loss decreased by approximately \$31.8 million, or 74%, to a net loss of \$11.3 million for 2005 as compared to \$43.1 million for 2004.

Our planned actions for 2006 are based on certain assumptions concerning the adoption of broadband technologies, the rate of DSL subscriber growth, the successful deployment of our FTTP products in Japan and the cost and expense structure of our business. These assumptions could prove to be inaccurate. If current economic conditions deteriorate to an unexpected degree, or if our planned actions are not successful in achieving our goals, there could be additional adverse impacts on our revenues, profitability, financial position, or cash flows. In that case, we might need to modify our strategic focus and restructure our business to realign our resources and achieve additional cost and expense savings.

Net Revenues:

DSL revenues accounted for 82%, 79%, 94% and 98% of our net revenues for the three months ended March 31, 2006 and for the years ended December 31, 2005, 2004 and 2003, respectively. NEC accounted for 32%, 26%, 42% and 49% of our net revenues for the three months ended March 31, 2006 and for the years ended December 31, 2005, 2004 and 2003, respectively. Sumitomo accounted for 32%, 35%, 35% and 31% of our net revenues for the three months ended March 31, 2006 and for the years ended December 31, 2005, 2004 and 2003, respectively. Lucent Technologies accounted for 11% and 13% of net revenues for the three months ended March 31, 2006 and for the year ended December 31, 2005. No other customer accounted for 10% or more of our net revenues in any period during the three months ended March 31, 2006 and during the years ended December 31, 2005, 2004 and 2003.

We believe revenues from our DSL products will continue to decrease as a percentage of net revenues due to expected decreases in DSL revenue in Japan and to the anticipated growth in revenues from VoIP and FTTP products. We believe that our three largest customers will continue to account for a substantial portion of our net revenues in 2006.

Our sales have historically been denominated in U.S. dollars, and major fluctuations in currency and exchange rates could materially impact our customers' demand and pricing overall.

The cycle for test, evaluation and adoption of our products by customers can range from three to more than six months, with an additional three to more than nine months before a customer commences volume production of equipment incorporating our products. Additionally, this cycle may be as long as 18 to 24 months for our VoIP products. Due to this lengthy sales cycle, we may experience significant delays from the time we incur expenses for research and development, marketing and selling, and investment in inventory, to the time we generate corresponding revenues, if any. We anticipate that the rate of orders may vary significantly from quarter to quarter. If anticipated shipments in any quarter do not occur when expected, expenses and inventory levels could be disproportionately high or low, and our results of operations for that quarter, and potentially for future quarters, would be materially and adversely affected.

Competition and technological change in the rapidly evolving DSL market has and may continue to influence our quarterly and annual net revenues and results of operations. Average selling prices of our products tend to be higher at the time of introduction and decline over time due to competitive pressures. We expect this pattern to continue with existing and future products. Our average selling prices are also impacted by our customer concentration and product mix.

Cost of Revenues:

We are a fabless semiconductor company and we outsource the wafer fabrication, assembly and testing of our products. Our cost of revenues primarily consists of purchased finished wafers, assembly and test services, royalties, overhead associated with procurement and production engineering, provisions for excess and obsolete inventories, and product warranty costs.

Research and Development Expenses:

Research and development expenses consist primarily of employee compensation and related personnel expenses, fees paid to consultants, non-recurring engineering, prototype costs, evaluation and testing of pre-production parts and engineering design tools. We expense our research and development costs as they are incurred. Several components of our research and development effort require significant expenditures, the timing of which can cause significant quarterly variability in our expenses.

Selling, General and Administrative Expenses:

Selling, general and administrative (SG&A) expenses include employee compensation and related personnel expenses in sales and marketing, product marketing, applications engineering, and corporate functions including accounting, finance, legal, human resources and information systems.

Interest Income and Other, Net:

Interest income consists of interest earned on cash and cash equivalent balances and short-term investments.

Provision for Income Taxes:

Income tax expense was \$34,000 and \$40,000 for the three months ended March 31, 2006 and 2005, respectively. The provisions for income taxes relate to current taxes payable for income generated by the Company's subsidiaries located in foreign jurisdictions. Income tax expense differs from the expected benefit that was derived by applying the applicable U.S. federal statutory rate to the loss from operations primarily due to losses that are not currently benefited. Due to our loss position, a full valuation allowance has been established against our deferred tax assets, consisting primarily of net operating loss carry-forwards.

Critical Accounting Policies

General: Our discussion and analysis of our financial condition and results of operations are based upon our condensed consolidated financial statements, which have been prepared in accordance with accounting principles generally accepted in the United States. The preparation of these financial statements requires that we make assumptions, estimates and judgments that affect the reported amounts of assets, liabilities, revenues and expenses, and related disclosures of contingent assets and liabilities reported in the condensed consolidated financial statements and accompanying notes. On an on-going basis, we evaluate our estimates and assumptions related to revenue recognition, sales returns and allowances, allowance for doubtful accounts, inventories, warranty and litigation and contingencies. We base our estimates on historical experience and on various other assumptions that we believe to be reasonable under the circumstances, the results of which form the basis for making judgments about the carrying values of assets and liabilities. Actual results may differ from these estimates under different assumptions or conditions.

We believe the following critical accounting policies affect our more significant judgments and estimates used in the preparation of our consolidated financial statements.

Revenue Recognition:

Revenues related to product sales are generally recognized when the products have been shipped and risk of loss has passed to the customer, collection of the resulting receivable is reasonably assured, persuasive evidence of an arrangement exists, and the price is fixed or determinable. If sales arrangements contain customer-specific acceptance requirements, revenue is deferred and is recognized upon receipt of customer acceptance.

Stock Compensation

: We adopted Statement of Financial Accounting Standards ("SFAS") No. 123 (revised 2004), "Share-Based Payment," effective January 1, 2006. SFAS 123(R) requires the recognition of the fair value of stock compensation in net income. SFAS 123(R) is a new and very complex accounting standard, the application of which requires significant judgment and the use of estimates, particularly surrounding Black-Scholes assumptions such as stock price volatility and expected option lives, as well as expected option forfeiture rates to value equity-based compensation.

Sales Returns and Allowances:

We establish, upon shipment of our products, a provision for estimated returns. Under certain circumstances, we allow our customers to return products and a provision is made for such returns. Our estimate of product returns is based on contractual terms or sales agreements, historical experience and expectation of future conditions. Additional provisions and allowances may be required, resulting in decreased net revenue and gross profit, should we experience increased product returns.

Allowance for Doubtful Accounts:

We perform ongoing credit evaluations of our customers and adjust credit limits, as determined by our review of current credit information. We record allowances for doubtful accounts for estimated losses based upon specifically identified amounts that we believe to be uncollectible. We record additional allowances based on certain percentages of our aged receivables, which are determined based on historical experience and our assessment of the general financial condition of our customer base. If our actual collections experience changes, revisions to our allowances may be required. We have a limited number of customers with

individually large amounts due at any given balance sheet date. Any unanticipated change in one of those customers' creditworthiness or other matters affecting the collectibility of amounts due from such customers could have a material effect on our results of operations in the period in which such changes or events occur.

Inventories:

Inventories are stated at the lower of standard cost, which approximates actual cost, or net realizable value. Cost is based on a first-in, first-out basis. We perform detailed reviews of the net realizable value of inventories, both on hand as well as for inventories we are committed to purchase with consideration given to deterioration, obsolescence, and other factors. Currently, we use a nine-month rolling forecast based on the type of products, anticipated product orders, product order history, forecasts and backlog. We compare our current or committed inventory levels to these forecasts on a regular basis and any adverse changes to our future product demand may result in increased writedowns, resulting in decreased gross profit. In the event we experience unanticipated demand and are able to sell previously written down inventories, gross profit will increase.

Warranty:

A limited warranty is provided on our products generally for a period of one year and allowances for estimated warranty costs are recorded during the period of sale. While we engage in product quality programs and processes, including monitoring and evaluating the quality of our suppliers, our warranty obligation is affected by product failure rates, the cost of replacing chipsets, rework costs and freight incurred in replacing a chipset after failure. We monitor chipset returns for warranty and maintain a reserve for the related warranty expenses based on historical experience of similar products. The determination of such allowances requires us to make estimates of product return rates and expected costs to repair or replace the products under warranty. We periodically assess the adequacy of the warranty liability and adjust such amounts as necessary.

Litigation and Contingencies:

From time to time, we receive various inquiries or claims in connection with patent and other intellectual property rights. In certain cases, we have accrued estimates of the amounts we expect to pay upon resolution of such matters. Should we not be able to secure the terms we expect or should the terms become more favorable than the terms we expect, these estimates may change and may result in increased accruals, resulting in decreased profit or decreased accruals, resulting in increased profit, respectively.

The above items are not a comprehensive list of all of our accounting policies. In many cases, the accounting treatment of a particular transaction is specifically dictated by generally accepted accounting principles in the United States with no need for our management's judgment in their application. There are also areas in which our management's judgment in selecting any available alternative would not produce a materially different result.

Results of Operations -- Comparison of First Quarters of 2006 and 2005

The following table sets forth, for the periods presented, certain data from our unaudited condensed consolidated statements of operations expressed as a percentage of net revenues.

	Three Months Ended March	
	31,	
	2006	2005
Net revenues	100 %	100 %
Cost of revenues	43	51
Gross profit	57	49
Operating expenses:		
Research and development	33	52
Selling, general and administrative	28	35
Total operating expenses	61	87
Operating loss	(4)	(38)
Interest income and other, net	2	1

Loss before provision for income taxes	(2)	(37)
Provision for income taxes	*	*
Net loss	<u>(2)%</u>	<u>(37)%</u>

* Less than 1%

Net Revenues

. The following tables present net revenues, cost of revenues and gross profit for the three months ended March 31, 2006 and 2005 (in thousands except for percentages):

	Three Months Ended March 31, 2006		Three Months Ended March 31, 2005		Increase/ (Decrease)	% Change
	Amount	% of Net Revenues	Amount	% of Net Revenues		
Net revenues	\$ 20,254	100%	\$ 17,196	100%	\$ 3,058	18%
Cost of revenues	8,741	43%	8,733	51%	8	*
Gross Profit	\$ 11,513	57%	\$ 8,463	49%	\$ 3,050	36%

* Less than 1%

Our revenues are generated principally by sales of our DSL, VoIP and FTTP products. The following tables present net revenues for each of our major product lines (in thousands except for percentages):

Products	Three Months Ended March 31, 2006		Three Months Ended March 31, 2005		Increase/ (Decrease)	% Change
	Amount	% of Net Revenues	Amount	% of Net Revenues		
DSL	\$ 16,509	82%	\$ 14,960	87%	\$ 1,549	10%
VoIP	2,535	12%	2,236	13%	299	13%
FTTP	1,210	6%	-	-%	1,210	*
Net revenues	\$ 20,254	100%	\$ 17,196	100%	\$ 3,058	18%

* Not meaningful

Net revenues in the three months ended March 31, 2006 were \$20.3 million, compared with \$17.2 million in the three months ended March 31, 2005, an increase of \$3.1 million, or 18%. Revenues from our DSL products accounted for \$16.5 million, or 82%, of net revenues in the three months ended March 31, 2006, as compared to \$15.0 million, or 87%, of net revenues in the comparable period of 2005. The growth in DSL revenues was primarily due to higher unit shipments and to a lesser extent, offset by a decrease in the average selling price of our DSL products. Average selling prices of products are expected to decline as they mature. Historically, competition in the semiconductor industry has driven down the average selling prices of products. Japan's DSL market has been an important part of our business, and new DSL subscribers in Japan has been a significant driver of consumption for Centillium's DSL products. However, we expect that the incremental net subscriber rate in Japan will continue to decrease in 2006 and beyond.

Revenues from VoIP products accounted for \$2.5 million of revenues in the three months ended March 31, 2006 as compared to \$2.2 million in the three months ended March 31, 2005, or 12% and 13% of net revenues, respectively. We expect our VoIP revenues to continue to grow in absolute dollars and as a percentage of revenues in 2006. Revenues from our FTTP products accounted for \$1.2 million of revenues in the three months ended March 31, 2006 as compared to none in the three months ended March 31, 2005, or 6% and 0% of net revenues, respectively. We expect our FTTP revenues to continue to grow in 2006, but this growth is highly dependent on qualification of our FTTP products and the purchase of significant quantities of these products by our customers. One such customer in Japan has postponed purchases because our product did not meet a previously waived

requirement. This is expected to significantly slow our anticipated growth in optical revenues in 2006 and we expect the delay to defer revenue to at best the fourth quarter of 2006 and possibly beyond.

The following customers, the first two of whom are located in Japan, accounted for more than 10% of net revenues:

	Three Months Ended March 31,	
	2006	2005
NEC	32%	29%
Sumitomo Electric Industries	32%	36%
Lucent Technologies Inc	11%	18%

Japan's DSL market has been an important part of our business, and net new DSL subscribers in Japan has been a significant driver of consumption for Centillium's DSL products. Therefore, the continuing low number of net new DSL subscribers in Japan will likely continue to impact our future revenues. Revenues from Japan comprised 65% of our net revenues in both the three months ended March 31, 2006 and 2005. Revenues from Japan, which have been largely attributable to our DSL products, increased by \$2.0 million to \$13.2 million in the three months ended March 31, 2006 as compared to \$11.2 million in the three months ended March 31, 2005. However, we believe there will be a decreasing number of new DSL subscribers in Japan in the remaining nine months of 2006, which will likely impact our future revenues.

Gross Profit

. Gross profit represents net revenues less the cost of revenues. Gross profit increased to \$11.5 million in the three months ended March 31, 2006, as compared to \$8.5 million in the three months ended March 31, 2005 while the gross margin increased to 57% from 49% for the respective periods. The increase in gross profit was attributable to the significant increases in DSL, VoIP and FTTP revenues and lower wafer, assembly and test costs and product mix. Our future gross margins may be affected by pricing pressures from our customers and competitors, fluctuations in unit volume, fluctuation in silicon wafer costs, changes in the costs charged by our assembly and test subcontractors and changes in product mix, among other factors.

Research and Development Expenses

. Research and development expenditures decreased by 26% to \$6.6 million for the three months ended March 31, 2006 from \$9.0 million for the three months ended March 31, 2005. The \$2.4 million decrease resulted primarily from \$0.3 million in decreased employee compensation and related personnel expenses, \$0.6 million in consulting expense, \$0.2 million in engineering design tools expense, \$1.3 million in engineering evaluation board and pre-production expenses and \$0.3 million in facilities partially offset by an increase of \$0.3 million in stock compensation expense due to the adoption of SFAS 123(R). The decreased expenses in employee compensation and related personnel expenses was primarily attributable to lower headcount in the United States due to decreases in headcount in 2005. The decrease in engineering evaluation board and pre-production expenses was due to the low level of tapeouts during the quarter. However, we expect research and development expenses to be significantly higher in the second quarter of 2006 compared to the first quarter of 2006 as we anticipate a higher level of program development. We hold 32 U.S. patents and 8 foreign patents, and we maintain an active program of filing for and acquiring additional U.S. and foreign patents in the broadband communications field.

Selling, General and Administrative Expenses

. Selling, general and administrative expenses decreased by 5% to \$5.8 million for the three months ended March 31, 2006 from \$6.1 million for the three months ended March 31, 2005. The \$0.3 million decrease resulted primarily from \$0.8 million in decreased employee compensation and related personnel expenses, \$0.2 million in public company compliance, and \$0.1 million in travel partially offset by an increase of \$0.5 million in stock compensation expense due to the adoption of SFAS 123(R) and \$0.3 million in legal expenses. We expect that selling, general and administrative expenses in the second quarter of 2006 will be flat in absolute dollars and higher as a percentage of revenues compared to the first quarter of 2006. However, there can be no assurance that our selling, general and administrative expenses will not further increase in the future or that we will develop a cost structure, which will lead to profitability under current and expected revenue levels.

Interest Income, Net

. Interest income, net, was \$616,000 for the three months ended March 31, 2006 as compared to \$299,000 for the three months ended March 31, 2005. The increase was due to the impact of higher interest rates in 2006 and an increase in funds available for investment in 2006.

Provision for Income Taxes

. Income tax expense was \$34,000 for the three months ended March 31, 2006, as compared to \$40,000 for the three months ended March 31, 2005. The provisions for income taxes relate to current taxes payable for income generated by Centillium subsidiaries located in foreign jurisdictions. Income tax expense differs from the expected benefit that was derived by applying the applicable U.S. federal statutory rate to the loss from operations primarily due to losses that are not currently benefited. Due to our loss position, a full valuation allowance has been established against our deferred tax assets, consisting primarily of net operating loss carry-forwards.

Recent Accounting Pronouncements

In May 2005, the Financial Accounting Standards Board (FASB) issued SFAS No. 154, "Accounting Changes and Error Corrections-a Replacement of APB Opinion No. 20 and FASB Statement No. 3" (SFAS 154), which requires retrospective application to prior periods' financial statements of every voluntary change in accounting principal unless it is impracticable to do so. SFAS 154 is effective for accounting changes and corrections of errors beginning in fiscal 2007. We do not expect the adoption of this standard to have a material effect on our financial position or results of operations.

In December 2004, the FASB issued SFAS No. 153, Exchanges of Nonmonetary Assets, an amendment of APB Opinion No. 29. The guidance in APB Opinion No. 29, Accounting for Nonmonetary Transactions, is based on the principle that exchanges of nonmonetary assets should be measured based on the fair value of assets exchanged. The guidance in that Opinion, however, included certain exceptions to that principle. This Statement amends Opinion 29 to eliminate the exception for nonmonetary exchanges of similar productive assets that do not have commercial substance. A nonmonetary exchange has commercial substance if the future cash flows of the entity are expected to change significantly as a result of the exchange. SFAS No. 153 is effective for nonmonetary exchanges occurring in fiscal periods beginning after June 15, 2005. The adoption of SFAS No. 153 did not have a material impact on the our financial position and results of operations.

In November 2004, the FASB issued Statement No. 151 "Inventory Costs, an amendment of ARB No. 43, Chapter 4," (SFAS 151), which amends the guidance in ARB No. 43, Chapter 4, "Inventory Pricing" to clarify the accounting for abnormal amounts of idle facility expense, freight, handling costs and spoilage. This statement now requires that these costs be expensed as current period charges. In addition, this statement requires that the allocation of fixed production overhead to the costs of conversion be based on the normal capacity of the production facilities. The provisions of this statement are effective for inventory costs incurred during fiscal years beginning after June 15, 2005. Our adoption of SFAS 151 on January 1, 2006 did not have a material effect on our financial position, results of operations or cash flows.

In various areas, including revenue recognition and stock option accounting, accounting standards and practices continue to evolve. Additionally, the SEC and the FASB's Emerging Issues Task Force continue to address revenue and stock option related accounting issues. The management of Centillium believes it is in compliance with all of the rules and related guidance as they currently exist. However, any changes to U.S. generally accepted accounting principles in these areas could impact Centillium's future accounting.

Liquidity and Capital Resources

Since our inception, we have financed our operations primarily through operating activities and the sale of equity securities. At March 31, 2006, we had \$63.5 million in cash, cash equivalents and short-term investments as compared to \$61.3 million at December 31, 2005.

Operating activities for the three months ended March 31, 2006 provided \$2.1 million in cash primarily due to our \$0.3 million net loss adjusted for non-cash expenses of \$0.9 million for stock compensation expense and \$0.6 million for depreciation and amortization, increases in accounts payable of \$1.3 million and \$0.6 million in accrued

liabilities and decreases in inventories of \$0.4 million and \$0.1 million in other current assets. Net cash provided in operating activities was partially offset by increases in accounts receivable of \$1.1 million and decreases of \$0.4 million in accrued compensation and related expenses and \$0.2 million in other long-term liabilities. Both the inventories decrease and the accounts payable increase at March 31, 2006 was primarily due to the timing of inventory purchases related to the first quarter revenues. The increase in accounts receivable resulted from higher shipments in the three months ended March 31, 2006 as compared to the three months ended March 31, 2005.

Net cash used in investing activities was \$0.9 million in the three months ended March 31, 2006. Net cash used in investing activities related to sales and maturities of short-term investments of \$27.5 million, offset by purchases of short-term investments of \$28.0 million and the purchase of \$0.3 million of property and equipment. Property and equipment purchases relate principally to the purchase of engineering design tools, lab equipment and computer hardware to support our research and development. We expect expenditures for property and equipment to continue at a similar level in the near term to support our current operating and research and development activities.

Net cash provided by financing activities was \$0.3 million in the three months ended March 31, 2006, which consisted of net proceeds from the exercise of stock options under the Company's stock plans.

Our principal source of liquidity as of March 31, 2006 consisted of \$63.5 million of cash and cash equivalents, and short-term investments. We believe our cash, cash equivalents and investment securities will be sufficient to meet our anticipated cash needs for working capital and capital expenditures for at least the next twelve months. The rate at which we will consume cash will be dependent on the cash needs of future operations that will, in turn, be directly affected by various risks and uncertainties, including, but not limited to, the levels of demand for our products and other risks listed in the "Risk Factors" section.

Contractual Obligations

Significant contractual obligations and commercial commitments are shown in the table below (in thousands):

	Payments Due by Period				
	Total	Less than 1 Year	1-3 Years	3-5 Years	More Than 5 Years
Operating leases	\$ 12,423	\$ 3,432	\$ 8,045	\$ 946	\$ -
Purchase obligations	10,664	10,664	-	-	-
Total	\$ 23,087	\$ 14,096	\$ 8,045	\$ 946	\$ -

We have taken substantial steps during the second half of 2004 and during 2005 to reduce losses and preserve cash and anticipate operating expenses in 2006 to be less than 2005. Our future capital requirements depend on many factors that affect our research and development, and sales and marketing activities. We believe that existing cash and investment securities and anticipated cash flows from operations will be sufficient to support our current operating plan for 2006. These cash flow and operating results expectations are subject to numerous assumptions, many of which may not actually occur. If some or all of such assumptions do not occur, our results may be substantially lower or different than expected. Such assumptions include, without limitation, assumptions that new product introductions will occur on a timely basis and achieve market acceptance, that our existing and potential customer base will continue to grow and that our industry's competitive landscape will not change adversely. For more information about the risks relating to our business, please read carefully the Risk Factors set forth below.

We expect to devote capital resources to continue our research and development efforts, to support our sales and marketing, and to fund general corporate activities. From time to time, we receive various inquiries or claims in connection with intellectual property and other rights and may become party to associated claims. In certain cases, management has accrued estimates of the amounts it expects to pay upon resolution of such matters. Depending on the amount and timing of the resolutions of these claims, our future cash flows could be materially adversely affected in a particular period.

If our existing resources and cash generated from operations are insufficient to satisfy our liquidity requirements in the long term, we may seek to raise additional funds through public or private debt or equity financings. The sale of

of equity or debt securities could result in additional dilution to our stockholders, and we cannot be certain that additional financing will be available in amounts or on terms acceptable to us, if at all. If we are unable to obtain this additional financing, we may be required to reduce the scope of our planned product development and sales and marketing efforts, which could harm our business, financial condition and operating results.

Off-Balance Sheet Arrangements

As of March 31, 2006, we did not have any significant off-balance-sheet arrangements, as defined in Item 303(a)(4)(ii) of SEC Regulation S-K.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

The primary objective of our investment activities is to preserve principal while concurrently maximizing the income we receive from our investments without significantly increasing risk. Some of the securities that we may invest in may be subject to market risk. This means that a change in prevailing interest rates may cause the principal amount of the investment to fluctuate. For example, if we hold a security that was issued with a fixed interest rate at the then-prevailing rate and the prevailing interest rate later rises, the current value of the principal amount of our investment will decline. To minimize this risk in the future, we intend to maintain our portfolio of cash equivalents and short-term investments in a variety of securities, including commercial paper, money market funds, government and non-government debt securities, with maturities of less than eighteen months. In general, money market funds are not subject to market risk because the interest paid on such funds fluctuates with the prevailing interest rate. As of March 31, 2006, all of our investments were in money market funds, high quality commercial paper and government and non- government debt securities. A hypothetical 100 basis point increase in interest rates would result in an approximate \$72,000 decrease in the fair value of our available-for-sale securities as of March 31, 2006.

ITEM 4. CONTROLS AND PROCEDURES

Evaluation of disclosure controls and procedures.

Our management evaluated, with the participation of our Chief Executive Officer and our Chief Financial Officer, the effectiveness of our disclosure controls and procedures (as defined in Rules 13a-15(c) and 15(d)-15(e) under the Exchange Act) as of the end of the period covered by this Quarterly Report on Form 10-Q. Based on this evaluation, our Chief Executive Officer and our management, including our Chief Financial Officer has concluded that our disclosure controls and procedures are effective to ensure that information we are required to disclose in reports that we file or submit under the Exchange Act of 1934 is recorded, processed, summarized and reported within the time periods specified in Securities and Exchange Commission rules and forms.

Changes in internal control over financial reporting.

There was no change in our internal control over financial reporting that occurred during the period covered by this Quarterly Report on Form 10-Q that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II. OTHER INFORMATION

ITEM 1. LEGAL PROCEEDINGS

In August 2004, Fujitsu Limited filed a suit against Centillium and Centillium Japan K.K. ("Centillium Japan") in the Tokyo District Court alleging that Centillium and Centillium Japan infringe one Japanese patent jointly owned by Fujitsu and Ricoh Co. Ltd. The complaint seeks monetary damages against Centillium and Centillium Japan. Centillium is in the process of evaluating the complaint, and the probable outcome of this suit cannot be predicted with any certainty and a reasonable range of loss, if any, cannot be estimated. An unfavorable ruling could have a material adverse impact on Centillium's financial position or results of operations.

In December 2005, Accton Technology Corporation ("Accton") filed a suit against Centillium in the Superior Court of the State of California for the County of Alameda alleging a variety of claims, including breach of contract, breach of express warranty and fraud and concealment in connection with certain products that Accton purchased in 2002 and 2003. The complaint seeks monetary damages against Centillium. Centillium is in the process of evaluating the complaint, and the probable outcome of this suit cannot be predicted with any certainty and a reasonable range of loss, if any, cannot be estimated. An unfavorable ruling could have a material adverse impact on Centillium's financial position or results of operations.

In addition, we are responding to other claims arising in the ordinary course of business. We intend to defend ourselves vigorously in these matters. Our management believes that it is unlikely that the outcome of these matters will have a material adverse effect on our financial statements, although there can be no assurance in this regard.

ITEM 1A. RISK FACTORS

Before deciding to purchase, hold or sell our common stock, you should carefully consider the risks described below, in addition to the other cautionary statements and risks described elsewhere and the other information contained in our Annual Report on Form 10-K, this Report and in our other filings with the SEC, including subsequent reports on Forms 10-Q and 8-K. The risks and uncertainties described below are not the only ones we face. Additional risks and uncertainties not presently known to us or that we currently deem immaterial may also affect our business. If any of these known or unknown risks or uncertainties actually occurs, our business, financial condition and results of operations could be seriously be harmed.

Risks Related to Our Business

We have a history of losses and may experience losses in the future.

We have not reported an operating profit for any year since our inception and have experienced a net loss of \$0.3 million in the first quarter of 2006 and net losses of \$11.3 million, \$43.1 million and \$13.4 million in 2005, 2004 and 2003, respectively. With the adoption of SFAS 123(R), we will not be profitable in the foreseeable future and it will have a material adverse impact on our operating results.

Our success may depend in large part upon the adoption and utilization of our products and technology, as well as our ability to effectively maintain existing relationships and develop new relationships with customers and strategic partners. If we do not succeed in doing so, we may not achieve or maintain profitability on a timely basis or at all. In particular, we intend to expend significant financial and management resources on product development, sales and marketing, strategic relationships, technology and operating infrastructure. This includes our focus on development of new optical network products and improvements to our DSL products. As a result, we may incur additional losses and continued negative cash flow from operations for the foreseeable future and may not achieve or maintain profitability.

Because of our lack of diversity in geographic sources of revenues, the

slowdown in deployment of DSL in Japan and other factors have affected and may continue to adversely affect our business and operating results.

Historically, our revenues have been largely dependent on the growth of new DSL subscribers in Japan. Revenues from Japan comprised 65% of our net revenues in both the three months ended March 31, 2006 and 2005. Revenues from Japan, which have been largely attributable to our DSL products, increased by \$2.1 million to \$13.2 million in the three months ended March 31, 2006 as compared to \$11.2 million in the three months ended March 31, 2005. However, we believe there will be a decreasing number of new DSL subscribers in Japan in the remaining nine months of 2006 and beyond, which will likely impact our future revenues.

Because a substantial portion of our revenues have been derived from sales into Japan, our revenues have been heavily dependent on developments in the Japanese market. Our sales in Japan have been historically denominated

in U.S. dollars and major fluctuations in currency exchange rates could materially affect our Japanese customers' demand, thereby forcing them to reduce their orders, which could adversely affect our operating results. While part of our strategy is to diversify the geographic sources of our revenues, failure to further penetrate markets outside of Japan could harm our business and results of operations and subject us to increased currency risk.

We derive a substantial majority of our revenues from DSL products, and our failure to diversify our sources of our revenues could harm our business and operating results.

Historically, our revenues have been derived primarily from the sale of our DSL products. DSL revenues accounted for 82%, 79%, 94% and 98% of our net revenues for the three months ended March 31, 2006 and the years ended December 31, 2005, 2004 and 2003, respectively. If we are unsuccessful in generating meaningful sales of our VoIP and FTTP products, we may not be able to achieve or sustain profitability.

We depend on a few customers, and if we lose any of them, our sales and operations will suffer.

We sell our products primarily to network equipment manufacturers. NEC accounted for 32%, 26%, 42% and 49% of our net revenues for the three months ended March 31, 2006 and the years ended December 31, 2005, 2004 and 2003, respectively. Sumitomo accounted for 32%, 35%, 35% and 31% of net revenues for the three months ended March 31, 2006 and the years ended December 31, 2005, 2004 and 2003, respectively. Lucent Technologies accounted for 11% and 13% of net revenues for the three months ended March 31, 2006 and year ended December 31, 2005. No other customer accounted for 10% or more of our net revenues in any period during the three months ended March 31, 2006 and during the years ended December 31, 2005, 2004 and 2003. We do not have contractual volume commitments with these customers; instead we sell our products to them on an order-by-order basis. Our ability to maintain relationships with these large customers is essential to our ability to meet financial metrics. However, this dependence means that we are especially susceptible to factors that affect their purchasing decisions that are, in many instances, outside of our direct control. These factors include, among other things:

- the fact that many of our customers have pre-existing or concurrent relationships with our competitors that may affect the customers' decision to purchase our products;
- the success of our largest OEM customers; and
- the continued demand for our customers' systems products.

As a result, we may not be able to maintain or increase sales to certain of our large customers for various reasons. Our concentration of business and on-going relationships with our major customers may also deter other potential customers who compete with these existing customers from buying our products. We expect to be dependent upon a relatively small number of large customers in future periods, although the specific customers may vary from period to period. If we are not successful in maintaining relationships with key customers and winning new customers, our business and results of operations will suffer.

We anticipate lower margins as products mature and as we experience aggressive competition, which could adversely affect our profitability.

We expect the average selling prices of our products to decline as they mature. Historically, competition in the semiconductor industry has driven down the average selling prices of products. If we price our products too high, our customers may use a competitor's product or an in-house solution. To maintain profit margins, we must reduce our costs sufficiently to offset declines in average selling prices, or successfully sell proportionately more new products with higher average selling prices. Yield or other production problems, or shortages of supply may preclude us from lowering or maintaining current product costs.

We have also experienced more aggressive price competition from competitors in market segments in which we are attempting to expand our business. These circumstances may make some of our products less competitive and we may be forced to decrease our prices significantly to win a design. We may lose design opportunities or may experience overall declines in gross margins as a result of increased price competition.

Our markets are highly competitive and many of our competitors are established

and have greater resources than we have.

The market for communications semiconductor and software solutions is intensely competitive. Given our stage of development, there is a substantial risk that we will not have the financial resources, technical expertise or marketing and support capabilities to compete successfully. In addition, a number of other semiconductor companies have entered or may enter the market segments adjacent to or addressed by our products. These competitors may have longer operating histories, greater name recognition, larger installed customer bases and significantly greater financial, technical and marketing resources than we have. We may also face competition from customers' or prospective customers' own internal development efforts. Any of these competitors may be able to introduce new technologies, respond more quickly to changing customer requirements or devote greater resources to the development, promotion and sale of their products than we can.

Third-party claims regarding intellectual property matters could cause us to

stop selling our products, pay monetary damages or obtain licenses on adverse terms.

There is a significant risk that third parties, including current and potential competitors, will claim that our products, or our customers' products, infringe on their intellectual property rights. From time to time, third parties have asserted, and may in the future assert, patent, copyright, trademark or other intellectual property rights to technologies that are important to our business and have demanded or in the future may demand that we license their patents and technology. Any such litigation, whether or not determined in our favor or settled by us, would be costly and divert the attention of our management and technical personnel. Inquiries with respect to the coverage of our intellectual property could develop into litigation. In such a litigation, a court could issue a preliminary injunction that would require us to withdraw or recall certain products. Moreover, we cannot assure you that we would prevail in litigation given the complex technical issues and inherent uncertainties in intellectual property litigation. In the event of an adverse ruling for an intellectual property infringement claim, we could be required to obtain a license or pay substantial damages (including treble damages) or have the sale of our products stopped by a permanent injunction. Such a license may not be available on reasonable terms, or at all. In addition, if a customer of our products cannot acquire a required license on commercially reasonable terms, that customer may choose not to use our products.

We also have obligations to indemnify our customers under some circumstances for infringement of third-party intellectual property rights. We have also received requests from certain customers to include increasingly broad indemnification provisions in our agreements with them. These indemnification provisions may, in some circumstances, result in liability for combinations of components or system level designs and consequential damages and/or lost profits and the costs to us could be substantial and our business could be harmed. Even if claims against us are not valid or successfully asserted, these claims could result in significant costs and a diversion of the attention of management and other key employees to defend. If any intellectual property claims from third parties against one of our customers whom we have indemnified is held to be valid, the costs to us could be substantial and our business could be harmed.

In August 2004, Fujitsu Limited filed a suit against Centillium and Centillium Japan K.K. ("Centillium Japan") in the Tokyo District Court alleging that Centillium and Centillium Japan infringe one Japanese patent jointly owned by Fujitsu and Ricoh Co., Ltd. The complaint seeks significant monetary damages against Centillium and Centillium Japan. The suit is in process and we do not believe it is feasible to predict or determine the outcome or resolution of this litigation with any certainty at this point. We believe we have meritorious defenses and we are continuing to defend ourselves against these claims vigorously. We have already incurred and are likely to continue to incur substantial expenses in our defense against these claims. In the event of a determination adverse to us, we may incur substantial liability and this could have a material adverse effect on our financial position, results of operations or cash flows.

We operate in the highly cyclical semiconductor industry, which is subject to significant downturns.

The semiconductor industry is highly cyclical and is characterized by constant and rapid technological change, rapid product obsolescence and price erosion, evolving technical standards, short product life cycles and wide fluctuations in product supply and demand. From time to time these and other factors, together with changes in

general economic conditions, cause significant upturns and downturns in the industry, and in our business in particular. Periods of industry downturns have been characterized by diminished product demand, production overcapacity, high inventory levels and accelerated erosion of average selling prices. The semiconductor industry also periodically experiences increased demand and production capacity constraints, which may affect our ability to ship product compared to our competitors and result in deteriorating market share. These factors have caused substantial fluctuations in our revenues and results of operations. We have experienced these cyclical fluctuations in our businesses in the past and we may experience cyclical fluctuations in the future.

If we are unable to develop and introduce new products successfully and in a cost-effective and timely manner or to achieve market acceptance of our new products, our operating results would be adversely affected.

Our future success is dependent upon our ability to develop new semiconductor products for existing and new markets, introduce these products in a cost-effective and timely manner and have these products selected by leading equipment manufacturers for design into their own new products. The development of new silicon products is highly complex, and from time to time we have experienced delays in completing the development and introduction of new products and lower than anticipated manufacturing yields in the early production of such products. Our ability to develop and deliver new products successfully will depend on various factors, including our ability to:

- timely and accurately predict market requirements and evolving industry standards;
- successfully define new products;
- timely and accurately identify opportunities in new markets;
- timely complete and introduce new product designs;
- scale our operations in response to changes in demand for our products and services;
- license any desired third party technology or intellectual property rights;
- timely qualify and obtain industry interoperability certification of our products and the products of our customers into which our products will be incorporated;
- obtain sufficient foundry capacity and packaging materials;
- achieve high manufacturing yields;
- shift our products to smaller geometry process technologies to achieve lower cost and higher levels of design integration; and
- gain market acceptance of our products and our customers' products.

If we are not able to develop and introduce new products successfully and in a cost-effective and timely manner, we may need to explore purchasing new products and if unsuccessful, we may be unable to attract new customers or to retain our existing customers as these customers may choose or transition to other companies that can meet their product development needs, which would materially and adversely affect our results of operations. For example, one such FTTP customer in Japan has delayed orders due to its customers' requirements until at best the fourth quarter of 2006 and possibly beyond.

We depend on sole or limited source suppliers for the manufacture of our products.

As a fabless semiconductor that neither owns nor operates a fabrication or manufacturing facility, we are heavily dependent on certain suppliers. We obtain certain parts, components and packaging used in the delivery of our products from sole or limited sources of supply. For example, we obtain certain semiconductor wafers on a sole source basis from Taiwan Semiconductor Manufacturing Co., Ltd and Semiconductor Manufacturing International

Corporation. Developing and maintaining these strategic relationships with our vendors is critical for us to be successful. Any of our sole or limited source suppliers may:

- experience delays in meeting our customer demand on a timely basis, or at all;
- enter into exclusive arrangements with our competitors;
- stop selling their products or components to us at commercially reasonable prices;
- refuse to sell their products or components to us at any price; or
- be subject to production disruptions caused by power outages, earthquakes and financial difficulties.

Developing and maintaining these strategic relationships with our vendors is critical for us to be successful, but our business is susceptible to disruption, and our results of operations can be adversely affected, by any inability to do so. In periods of high demand in the semiconductor market, we may experience delays in meeting our capacity demand for components and as a result may be unable to deliver products to our customers on a timely basis. In addition, we could experience similar delays due to technical and quality control problems at our suppliers' facilities. If any of these events occur, or if our suppliers' facilities suffer any damage or disruption, we may not be able to meet our customer demand on a timely basis, or at all, and may need to successfully qualify an alternative supplier in a timely manner in order to not disrupt our business. We typically require a significant period of time to qualify a new supplier or process before we can begin shipping products. If we cannot accomplish this qualification in a timely manner, we would experience a significant interruption in supply of the affected products. If we are unable to secure sufficient capacity at our suppliers' existing facilities, or in the event of a closure or significant delay at any of these facilities, our relationships with our customers would be harmed and our market share and operating results would suffer as a result.

Sales of our products depend on the widespread adoption of broadband access

services, especially DSL, VoIP and FTTP. If the demand for broadband access service does not increase, we may not be able to generate substantial sales.

Sales of our products depend on the increased use and widespread adoption of broadband access services, and DSL services in particular, and the ability of telecommunications service providers to market and sell broadband access services. Our business would be harmed, and our results of operations and financial condition would be adversely affected, if the use of broadband access services does not increase as anticipated. Certain critical factors will likely continue to affect the development of the broadband access service market. These factors include:

- inconsistent quality and reliability of service;
- lack of availability of cost-effective, high-speed service;
- lack of interoperability among multiple vendors' network equipment;
- congestion in service providers' networks;
- inadequate security; and
- slow deployment of new broadband services over DSL lines.

Rapid changes in the market for broadband access chip sets may render our chip sets obsolete

or unmarketable.

The market for chip sets for our products is characterized by:

- intense competition;
- rapid technological change;
- frequent new product introductions by our competitors;
- changes in customer demands; and
- evolving industry standards.

Any of these factors could make our products obsolete or unmarketable. In addition, the life cycles of some of our products may depend upon the life cycles of the end products into which our products will be designed. Products with short life cycles require us to closely manage production and inventory levels. Unanticipated changes in the estimated total demand for our products and/or the estimated life cycles of the end products into which our products are designed may result in obsolete or excess inventories, which in turn may adversely affect our operating results. To compete, we must innovate and introduce new products. If we fail to successfully introduce new products on a timely and cost-effective basis that meet customer requirements and are compatible with evolving industry standards, then our business, financial condition and results of operations will be seriously harmed.

Because the sales cycle for our products typically lasts up to one year or

longer, and may be subject to delays, it is difficult to forecast sales for any given period.

The sales cycle of our products is lengthy and typically involves a detailed initial technical evaluation of our products by our prospective customers, followed by the design, construction and testing of prototypes incorporating our products. Only after these steps are complete will we receive a purchase order from a customer for volume shipments. This process generally takes from 9 to 12 months, and may last longer. Additionally, this cycle may be as long as 18 to 24 months for our VoIP products. Given this lengthy sales cycle, it is difficult to accurately predict when sales to a particular customer will occur. In addition, we may experience unexpected delays in orders from customers, which may prevent us from realizing forecasted sales for a particular period and in turn adversely impact our stock price. Our products are typically sold to equipment manufacturers, who incorporate our products in the products that they in turn sell to consumers or to network service providers. As a result, any delay by our customers, or by our customers' customers, in the manufacture or distribution of their products will result in a delay in obtaining orders for our products, which could cause our business and results to suffer.

Because other broadband technologies may compete effectively with DSL services

or other services addressed by our products, a slowdown in deployment of DSL services, the lack of significant growth in non-DSL markets that we are targeting and our lack of success in penetrating such markets would adversely affect our business and operating results.

Our revenues are heavily dependent on the increase in demand for DSL services. DSL services are competing with a variety of different broadband data transmission technologies, including cable modems, satellite and other wireless technologies. While part of our strategy is to diversify our product markets beyond DSL into such areas as FTTP and VoIP, if any technology that is competing with the technologies that we offer is more reliable, faster and/or less expensive or has any other advantages over the technologies for which we have products, then the demand for our products may decrease. The lack of significant growth in those markets we are targeting in general and the lack of success of our products in particular would also adversely affect our business and results of operations.

Because our products are components of other equipment, if broadband equipment

manufacturers do not incorporate our products in their equipment, or if the equipment incorporating our products are not successful, we may not be able to generate sales of our products in volume quantities.

Our products are not sold directly to the end-user; they are components of other products. As a result, we rely upon equipment manufacturers to design our products into their equipment. We further rely on the manufacturing and deployment of the equipment to be successful. Our customers are typically not obligated to purchase our products and can choose at any time to stop using our products if their own products are not commercially successful or for any other reason. If equipment that incorporates our products is not accepted in the marketplace, we may not achieve sales of our products in volume quantities, which would have a negative impact on our results of operations.

We are subject to order and shipment uncertainties, and any significant order

cancellations or deferrals could adversely affect our business.

We typically sell products pursuant to purchase orders that customers can generally cancel or defer on short notice without incurring a significant penalty. Any significant cancellations or deferrals in the future could materially and adversely affect our business, financial condition and results of operations. In addition, cancellations or deferrals of product orders, the return of previously sold products or the overproduction of products due to the failure of anticipated orders to materialize could cause us to hold excess or obsolete inventory, which could reduce our profit margins, increase product obsolescence and restrict our ability to fund our operations. Furthermore, we generally recognize revenues upon shipment of products to a customer. If a customer refuses to accept shipped products, we could incur significant charges against our revenues.

We derive a substantial amount of our revenues from international sources, and

difficulties associated with international operations could harm our business.

A substantial portion of our revenues has been derived from customers located outside of the United States. Customers located in Asia accounted for 82%, 74%, 86% and 87% of our net revenues for the three months ended March 31, 2006 and the years ended December 31, 2005, 2004 and 2003, respectively. We may be unable to successfully overcome the difficulties associated with international operations. These difficulties include:

- political, social and economic instability;
- exposure to different legal standards, particularly with respect to intellectual property;
- natural disasters and public health emergencies;
- nationalization of business and blocking of cash flows;
- trade and travel restrictions;
- the imposition of governmental controls and restrictions;
- burdens of complying with a variety of foreign laws;
- import and export license requirements and restrictions of the United States and each other country in which we operate;
- unexpected changes in regulatory requirements;
- foreign technical standards;
- changes in taxation and tariffs;

- difficulties in staffing and managing international operations;
- foreign currency exchange rates;
- difficulties in collecting receivables from foreign entities or delayed revenue recognition; and
- potentially adverse tax consequences.

Any of the factors described above may have a material adverse effect on our ability to increase or maintain our foreign sales.

Because sales of our products are denominated exclusively in United States dollars, increases in the value of the United States dollar could increase the price of our products so that they become relatively more expensive to customers in the local currency of a particular country, leading to a reduction in sales and profitability in that country.

We are exposed to increased costs and risks associated with complying with

increasing and new regulation of corporate governance and disclosure standards.

We are spending an increased amount of management time and internal and external resources to comply with changing laws, regulations and standards relating to corporate governance and public disclosure, including the Sarbanes-Oxley Act of 2002, new SEC regulations and NASDAQ Stock Market rules. In particular, our management, including our CEO and CFO, does not expect that our internal controls over financial reporting will prevent all error and all fraud. A control system, no matter how well designed and operated, can provide only reasonable, not absolute, assurance that the control system's objectives will be met. Further, the design of a control system must reflect the fact that there are resource constraints, and the benefits of controls must be considered relative to their costs. Because of the inherent limitations in all control systems, no evaluation of controls can provide absolute assurance that all control issues and instances of fraud, if any, involving Centillum have been, or will be, detected. These inherent limitations include the realities that judgments in decision making can be faulty and that breakdowns can occur because of simple error or mistake. Controls can also be circumvented by the individual acts of some persons, by collusion of two or more people, or by management override of the controls. The design of any system of controls is based in part on certain assumptions about the likelihood of future events, and we cannot assure you that any design will succeed in achieving its stated goals under all potential future conditions. Over time, controls may become inadequate because of changes in conditions or deterioration in the degree of compliance with policies or procedures. Because of the inherent limitations in a cost-effective control system, misstatements due to error or fraud may occur and not be detected.

Although our management has determined, and our independent registered public accounting firm has attested, that our internal control over financial reporting was effective as of December 31, 2005, we cannot assure you that we or our independent registered public accounting firm will not identify a material weakness in our internal controls in the future. A material weakness in our internal controls over financial reporting would require management and our independent registered public accounting firm to evaluate our internal controls as ineffective. If our internal controls over financial reporting are not considered adequate, we may experience a loss of public confidence, which could have an adverse effect on our business and our stock price.

Because manufacturers of communications equipment may be reluctant to change

their sources of components, if we do not achieve design wins with such manufacturers, we may be unable to secure sales from these customers in the future.

Once a manufacturer of communications equipment has designed a supplier's semiconductor into its products, the manufacturer may be reluctant to change its source of semiconductors due to the significant costs associated with qualifying a new supplier. Accordingly, our failure to achieve design wins with equipment manufacturers, who have chosen a competitor's semiconductors could create barriers to future sales opportunities with these manufacturers.

We may need to raise additional capital which might not be available or which, if available, could be on terms adverse to our common stockholders.

We expect that our current cash and cash equivalents and investment securities balances will be adequate to meet our working capital and capital expenditure needs for at least twelve months. After that, we may need to raise additional funds, and we cannot be certain that additional financing will be available in amounts or on terms acceptable to us, if at all. We may also require additional capital for the acquisition of businesses, products and technologies that are complementary to ours. Further, if we issue equity securities, the ownership percentage of our stockholders would be reduced, and the new equity securities may have rights, preferences or privileges senior to those existing holders of our common stock. If we are unable to obtain this additional financing, we may not be able to develop or enhance our products, take advantage of future opportunities or respond to competitive pressures or unanticipated requirements, which could seriously harm our business, operating results and financial condition.

A general economic slowdown and a slowdown in spending in the telecommunications industry have affected and may continue to negatively affect our business and operating results.

There have been announcements throughout the worldwide telecommunications industry of current and planned reductions in component inventory levels and equipment production volumes, and of delays in the build-out of new infrastructure. Any of these trends, if continued, could result in lower than expected demand for our products, which could have a material adverse effect on our revenues and results of operations generally, and could cause the market price of our common stock to decline. Specifically, we have experienced:

- reduced demand for our products;
- increased price competition for our products;
- increased risk of excess and obsolete inventories; and
- higher research and development and general and administrative costs, as a percentage of revenues.

Recent geopolitical and social turmoil in many parts of the world, including actual incidents and potential future acts of terrorism and war, may continue to put pressure on global economic conditions. These geopolitical and social conditions, together with the resulting economic uncertainties, make it extremely difficult for us, our customers and our vendors to accurately forecast and plan future business activities. This reduced predictability challenges our ability to operate profitably or to increase revenues. In particular, it is difficult to develop and implement strategies to create sustainable business models and efficient operations, and to effectively manage outsourced relationships for services such as contract manufacturing and information technology. If the current uncertain economic conditions continue or deteriorate, there could be additional material adverse impact on our financial position, revenues, results of operations, or cash flow.

Our customers may demand preferential terms or lengthen our sales cycle, which would adversely affect our results of operations.

Our customers are in most cases larger than us and are able to exert a high degree of influence over us. These customers may have sufficient bargaining power to demand low prices and other terms and conditions that may materially adversely affect our business, financial condition and results of operations. In addition, prior to selling our products to such customers, we must typically undergo lengthy product approval processes, often taking up to one year. Accordingly, we are continually submitting successive versions of our products as well as new products to our customers for approval. The length of the approval process can vary and is affected by a number of factors, including customer priorities, customer budgets and regulatory issues affecting telecommunication service providers. Delays in the product approval process could materially adversely affect our business, financial condition and results of operations. While we have been successful in the past in obtaining product approvals from our customers, such approvals and the ensuing sales of such products may not continue to occur. Delays can also be caused by late deliveries by other vendors, changes in implementation priorities and slower than anticipated growth

in demand for the services that our products support. A delay in, or cancellation of, the sale of our products could adversely affect our results from operations or cause them to significantly vary from quarter to quarter.

We may be unable to attract, retain and motivate qualified personnel, which could seriously harm our business.

Our future success depends on our ability to attract, retain and motivate qualified personnel, including executive officers and other key management and technical personnel. As the source of our technological and product innovations, our key technical personnel represent a significant asset. The competition for such personnel can be intense in the semiconductor industry. We do not have employment agreements with these executives, or any other key employees, that govern the length of their service. We have had, and may continue to have, particular difficulty attracting and retaining key personnel during periods of poor operating performance. The loss of the services of certain key senior management or technical personnel, or our inability to attract, retain and motivate qualified personnel, could materially and adversely affect our business, financial condition and results of operations.

Future consolidation in the telecommunications equipment industry may increase competition that could harm our business.

The markets in which we compete are characterized by increasing consolidation both within the telecommunications equipment sector and by companies combining or acquiring data communications assets and assets for delivering voice-related services. We cannot predict with certainty how industry consolidation will affect our competitors. We may not be able to compete successfully in an increasingly consolidated industry. Increased competition and consolidation in our industry may require that we reduce the prices of our products or result in a loss of market share, which could materially adversely affect our business, financial condition and results of operations. Additionally, because we are now, and may in the future be, dependent on certain strategic relationships with third parties in our industry, any additional consolidation involving these parties could reduce the demand for our products and otherwise harm our business prospects.

If we deliver products with defects, our credibility will be harmed, and the sales and market acceptance of our products will decrease.

Our products are complex and have contained errors, defects and bugs when introduced and revised. In the future we may experience further errors, defects and bugs. If we deliver products with errors, defects or bugs or products that have reliability, quality or compatibility problems, our credibility and the market acceptance and sales of our products could be harmed, which could adversely affect our ability to retain existing customers or attract new customers. Further, if our products contain errors, defects and bugs, then we may be required to expend significant capital and resources to alleviate such problems and may have our sales to customers interrupted or delayed. If any of these problems are not found until we have commenced commercial production, we may be required to incur additional development costs and product repair or replacement costs. Defects could also lead to potential liability as a result of product liability lawsuits against us or against our customers. We have agreed to indemnify some of our customers in some circumstances against liability from defects in our products. A successful product liability claim could seriously harm our business, financial condition and results of operations, and may divert our technical and other resources from other development efforts.

We may experience difficulties in transitioning to smaller geometry process technologies or in achieving higher levels of design integration and that may result in reduced manufacturing yields, delays in product deliveries and increased expenses.

In order to remain competitive, we expect to continue to transition our products to increasingly smaller line width geometries. This transition will require us to modify the manufacturing processes for our products and redesign some products. We periodically evaluate the benefits, on a product-by-product basis, of migrating to smaller geometry process technologies to reduce our costs, and we have designed some of our products to be manufactured in .35 micron, .25 micron, .18 micron and .13 micron geometry processes.

In the past, we have experienced some difficulties in shifting to smaller geometry process technologies or new manufacturing processes, which resulted in reduced manufacturing yields, delays in product deliveries and increased

expenses. We may face similar difficulties, delays and expenses as we continue to transition our products to smaller geometry processes. We are dependent on our relationships with our foundries to transition to smaller geometry processes successfully. We cannot assure you that our foundries will be able to effectively manage the transition or that we will be able to maintain our foundry relationships. If our foundries or we experience significant delays in this transition or fail to efficiently implement this transition, our business, financial condition and results of operations could be materially and adversely affected. As smaller geometry processes become more prevalent, we expect to continue to integrate greater levels of functionality, as well as customer and third party intellectual property, into our products. However, we may not be able to achieve higher levels of design integration or deliver new integrated products on a timely basis, or at all.

Our future success will depend in part on our ability to protect our

proprietary rights and the technologies used in our principal products, and if we do not enforce and protect our intellectual property, our business will be harmed.

We rely on a combination of patent, copyright and trademark laws, trade secrets, confidentiality agreements and other contractual provisions to protect our proprietary rights. However, these measures afford only limited protection. Our failure to adequately protect our proprietary rights may adversely affect us. Despite our efforts to protect our proprietary rights, unauthorized parties may attempt to copy aspects of our products or to obtain and use trade secrets or other information that we regard as proprietary.

The laws of some foreign countries do not protect our proprietary rights to the same extent as do the laws of the United States, and many U.S. companies have encountered substantial infringement problems in these countries. There is a risk that our efforts to protect proprietary rights may not be adequate. For example, our competitors may independently develop similar technology, duplicate our products or design around our patents or our other intellectual property rights. If we fail to adequately protect our intellectual property or if the laws of a foreign jurisdiction do not effectively permit such protection, it would be easier for our competitors to sell competing products.

Risks Related to Our Common Stock

Our stock price may continue to be volatile.

The market price of our common stock has been volatile. Since January 1, 2002 our common stock has traded at prices as low as \$1.08 and as high as \$14.58 per share. The price of our common stock will likely continue to fluctuate significantly in response to the following factors, some of which are beyond our control:

- variations in our quarterly operating results;
- changes in financial estimates of our revenues and operating results by securities analysts;
- changes in market valuations of integrated circuit companies;
- announcements by us, our competitors or others in related market segments of significant contracts, acquisitions, strategic partnerships, joint ventures or capital commitments;
- loss or decrease in sales to a major customer or failure to complete significant transactions;
- loss or reduction in manufacturing capacity from one or more of our key suppliers;
- additions or departures of key personnel;
- future sales of our common stock;
- inconsistent or low levels of trading volume of our common stock;
- commencement of or involvement in litigation;

- announcements by us or our competitors of key design wins and product introductions;
- a decrease in the average selling price of our products;
- ability to achieve cost reductions; and
- fluctuations in the timing and amount of customer requests for product shipments.

Class action litigation due to stock price volatility or other factors could cause us to incur substantial costs and divert our management's attention and resources.

In the past, securities class action litigation often has been brought against a company following periods of volatility in the market price of its securities. Companies such as ours in the semiconductor industry and other technology industries are particularly vulnerable to this kind of litigation due to the high volatility of their stock prices. While we are not aware of any such contemplated class action litigation against us, we may in the future be the target of securities litigation. Any securities litigation could result in substantial costs and could divert the attention and resources of our management.

If securities or industry analysts do not publish research or reports about our business or if they issue an adverse opinion regarding our stock, our stock price and trading volume could decline.

The trading market for our common stock is influenced by the research and reports that industry or securities analysts publish about us or our business. If one or more of the analysts who cover us issue an adverse opinion regarding our stock, our stock price would likely decline. If one or more of these analysts cease coverage of our company or fail to regularly publish reports on us, we could lose visibility in the financial markets, which in turn could cause our stock price or trading volume to decline.

ITEM 2. UNREGISTERED SALES OF EQUITY SECURITIES AND USE OF PROCEEDS

None

ITEM 3. DEFAULTS UPON SENIOR SECURITIES

None

ITEM 4. SUBMISSION OF MATTERS TO A VOTE OF SECURITY HOLDERS

None

ITEM 5. OTHER INFORMATION

None

ITEM 6. EXHIBITS

3.1(1) Certificate of Incorporation of the Registrant

4.2(1) Bylaws of the Registrant

10.48(18) Change of Control Severance Agreement between the Registrant and Jitesh Vadhia dated February 16, 2006

10.49(19) 2005 Executive Bonus Summary

- 31.1 Certification of the Chief Executive Officer Pursuant to Rules 13a-14 and 15d-14 under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 31.2 Certification of the Chief Financial Officer Pursuant to Rules 13a-14 and 15d-14 under the Securities Exchange Act of 1934, as Adopted Pursuant to Section 302 of the Sarbanes-Oxley Act of 2002.
- 32.1 Certification of the Chief Executive Officer of Centillum Communications, Inc., Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- 32.2 Certification of the Chief Financial Officer of Centillum Communications, Inc., Pursuant to 18 U.S.C. Section 1350, as Adopted Pursuant to Section 906 of the Sarbanes-Oxley Act of 2002.
- (1) Incorporated by reference to the Exhibits filed with the Registration Statement of Form S-1 (No. 333-30772), declared effective by the Commission on May 23, 2000.
- (18) Incorporated by reference to the Exhibits filed with the Registrant's Current Report on Form 8-K filed with the Commission on February 16, 2006.
- (19) Incorporated by reference to the Exhibits filed with the Registrant's Annual Report on Form 10-K for the year ended December 31, 2005 filed with the Commission on March 13, 2006.

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

CENTILLIUM COMMUNICATIONS, INC.
(Registrant)

/s/ J. Scott Kamsler

Dated: May 5, 2006

J. Scott Kamsler
Vice President and Chief Financial
Officer
(Principal Financial and Accounting
Officer)

Exhibit Index

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CERTIFICATION PURSUANT TO
RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, Faraj Aalaei, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Centillum Communications, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - (a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
 - (d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the Audit Committee of the registrant's Board of Directors (or persons performing the equivalent functions):
 - (a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ Faraj Aalaei

Date: May 5, 2006

Faraj Aalaei
Chief Executive Officer

CERTIFICATION PURSUANT TO
RULES 13a-14(a) AND 15d-14(a) UNDER THE SECURITIES EXCHANGE ACT OF 1934
AS ADOPTED PURSUANT TO
SECTION 302 OF THE SARBANES-OXLEY ACT OF 2002

I, J. Scott Kamsler, certify that:

1. I have reviewed this quarterly report on Form 10-Q of Centillum Communications, Inc.;
2. Based on my knowledge, this report does not contain any untrue statement of a material fact or omit to state a material fact necessary to make the statements made, in light of the circumstances under which such statements were made, not misleading with respect to the period covered by this report;
3. Based on my knowledge, the financial statements, and other financial information included in this report, fairly present in all material respects the financial condition, results of operations and cash flows of the registrant as of, and for, the periods presented in this report;
4. The registrant's other certifying officer and I are responsible for establishing and maintaining disclosure controls and procedures (as defined in Exchange Act Rules 13a-15(e) and 15d-15(e)) and internal control over financial reporting (as defined in Exchange Act Rules 13a-15(f) and 15d-15(f)) for the registrant and we have:
 - (a) designed such disclosure controls and procedures, or caused such disclosure controls and procedures to be designed under our supervision, to ensure that material information relating to the registrant, including its consolidated subsidiaries, is made known to us by others within those entities, particularly during the period in which this report is being prepared;
 - (b) designed such internal control over financial reporting, or caused such internal control over financial reporting to be designed under our supervision, to provide reasonable assurance regarding the reliability of financial reporting and the preparation of financial statements for external purposes in accordance with generally accepted accounting principles;
 - (c) evaluated the effectiveness of the registrant's disclosure controls and procedures and presented in this report our conclusions about the effectiveness of the disclosure controls and procedures as of the end of the period covered by this report based on such evaluation; and
 - (d) disclosed in this report any change in the registrant's internal control over financial reporting that occurred during the registrant's most recent fiscal quarter (the registrant's fourth fiscal quarter in the case of an annual report) that has materially affected, or is reasonably likely to materially affect, the registrant's internal control over financial reporting; and
5. The registrant's other certifying officer and I have disclosed, based on our most recent evaluation of internal control over financial reporting, to the registrant's auditors and the Audit Committee of the registrant's Board of Directors (or persons performing the equivalent functions):
 - (a) all significant deficiencies and material weaknesses in the design or operation of internal control over financial reporting which are reasonably likely to adversely affect the registrant's ability to record, process, summarize and report financial information; and
 - (b) any fraud, whether or not material, that involves management or other employees who have a significant role in the registrant's internal control over financial reporting.

/s/ J. Scott Kamsler

Date: May 5, 2006

J. Scott Kamsler

Vice President and Chief Financial Officer

CERTIFICATION OF CHIEF EXECUTIVE OFFICER
PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

I, Faraj Aalaei, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Centillium Communications, Inc. (the "Company") on Form 10-Q for the quarter ended March 31, 2006 fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of the Company.

/s/ Faraj Aalaei

Date: May 5, 2006

Faraj Aalaei
Chief Executive Officer

CERTIFICATION OF CHIEF FINANCIAL OFFICER
PURSUANT TO
18 U.S.C. SECTION 1350,
AS ADOPTED PURSUANT TO
SECTION 906 OF THE SARBANES-OXLEY ACT OF 2002

I, J. Scott Kamsler, certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 906 of the Sarbanes-Oxley Act of 2002, that the Quarterly Report of Centillium Communications, Inc. (the "Company") on Form 10-Q for the quarter ended March 31, 2006 complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934 and that information contained in such Quarterly Report on Form 10-Q fairly presents in all material respects the financial condition and results of operations of the Company.

/s/ J. Scott Kamsler

Date: May 5, 2006

J. Scott Kamsler

Vice President and Chief Financial Officer
