

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

WASHINGTON, D.C. 20549
FORM 10-Q

(MARK ONE)

(X) QUARTERLY REPORT PURSUANT TO SECTION 13 OR 15(D) OF THE SECURITIES EXCHANGE ACT OF 1934 FOR THE QUARTERLY PERIOD ENDED DECEMBER 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 1-10596

ESCO TECHNOLOGIES INC.

(Exact name of registrant as specified in its charter)

MISSOURI 43-1554045
(State or other jurisdiction of (I.R.S. Employer
incorporation or organization) Identification No.)

9900A CLAYTON ROAD
ST. LOUIS, MISSOURI 63124-1186
(Address of principal executive offices) (Zip Code)

Registrant's telephone number, including area code: (314) 213-7200

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 such reports) and (2) has been subject to such filing requirements for the past 90 days. Yes X 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. Large accelerated filer X 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 X

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date.

Class	Outstanding at January 31, 2007
-----	-----
[Common stock, \$.01 par value per share]	25,890,425 shares

PART I. FINANCIAL INFORMATION

ITEM 1. FINANCIAL STATEMENTS

ESCO TECHNOLOGIES INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF OPERATIONS
(Unaudited)
(Dollars in thousands, except per share amounts)

	Three Months Ended December 31, -----	
	2006	2005
	-----	-----
Net sales	\$ 98,813	90,586
Costs and expenses:		
Cost of sales	71,344	63,986
Selling, general and administrative expenses	29,384	23,487

Amortization of intangible assets	2,137	513
Interest (income) expense, net	(338)	(717)
Other (income) and expenses, net	(513)	(378)
	-----	-----
Total costs and expenses	102,014	86,891
	-----	-----
(Loss) earnings before income taxes	(3,201)	3,695
Income tax (benefit) expense	(1,820)	1,491
	-----	-----
Net (loss) earnings	\$ (1,381)	2,204
	=====	=====
(Loss) earnings per share:		
Basic	\$ (0.05)	0.09
	=====	=====
Diluted	\$ (0.05)	0.08
	=====	=====

See accompanying notes to consolidated financial statements.

ESCO TECHNOLOGIES INC. AND SUBSIDIARIES
CONSOLIDATED BALANCE SHEETS
(Dollars in thousands)

	December 31, 2006 ----	September 30, 2006 ----
(Unaudited)		
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 27,998	36,819
Accounts receivable, net	75,430	83,816
Costs and estimated earnings on long-term contracts, less progress billings of \$12,063 and \$4,405, respectively	1,208	1,345
Inventories	55,292	50,984
Current portion of deferred tax assets	24,921	24,251
Other current assets	11,296	10,042
	-----	-----
Total current assets	196,145	207,257
Property, plant and equipment, net	69,227	68,754
Goodwill	143,399	143,450
Intangible assets, net	61,658	59,202
Other assets	9,083	10,031
	-----	-----
Total assets	\$ 479,512	488,694
	=====	=====
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Short-term borrowings and current maturities of long-term debt	\$ -	-
Accounts payable	32,122	39,496
Advance payments on long-term contracts, less costs incurred of \$8,818 and \$19,532, respectively	8,055	7,367
Accrued salaries	10,297	13,932
Accrued other expenses	20,105	15,100
	-----	-----
Total current liabilities	70,579	75,895
Deferred revenue	3,997	7,458
Pension obligations	13,138	13,143
Other liabilities	14,556	15,764
Long-term debt	-	-
	-----	-----
Total liabilities	102,270	112,260
Shareholders' equity:		
Preferred stock, par value \$.01 per share, authorized 10,000,000 shares	-	-
Common stock, par value \$.01 per share, authorized 50,000,000 shares, issued 29,044,285 and 29,030,995 shares, respectively	290	290
Additional paid-in capital	237,521	236,390
Retained earnings	191,665	193,046
Accumulated other comprehensive loss	(1,051)	(2,070)
	-----	-----
Total shareholders' equity	428,425	427,656
Less treasury stock, at cost: 3,163,626 and 3,166,026 common shares, respectively	(51,183)	(51,222)
	-----	-----
Total shareholders' equity	377,242	376,434
	-----	-----
Total liabilities and shareholders' equity	\$ 479,512	488,694
	=====	=====

See accompanying notes to consolidated financial statements.

ESCO TECHNOLOGIES INC. AND SUBSIDIARIES
CONSOLIDATED STATEMENTS OF CASH FLOWS
(Unaudited)
(Dollars in thousands)

	Three Months Ended December 31, -----	
	2006	2005
	----	----
Cash flows from operating activities:		
Net (loss) earnings	\$ (1,381)	2,204
Adjustments to reconcile net (loss) earnings to net cash provided by operating activities:		
Depreciation and amortization	4,909	3,078
Stock compensation expense	1,486	1,273
Changes in operating working capital	1,325	(532)
Effect of deferred taxes	(1,259)	(3,090)
Change in deferred revenue and costs, net	(2,278)	285
Other	(756)	(1,286)
	----	-----
Net cash provided by operating activities	2,046	1,932
Cash flows from investing activities:		
Acquisition of businesses, less cash acquired	-	(28,833)
Capital expenditures	(2,787)	(2,320)
Additions to capitalized software	(8,344)	(5,724)
	-----	-----
Net cash used by investing activities	(11,131)	(36,877)
Cash flows from financing activities:		
Excess tax benefit from stock options exercised	20	112
Proceeds from exercise of stock options	301	267
Other	(57)	441
	---	---
Net cash provided by financing activities	264	820
	---	---
Net decrease in cash and cash equivalents	(8,821)	(34,125)
Cash and cash equivalents, beginning of period	36,819	104,484
	-----	-----
Cash and cash equivalents, end of period	\$ 27,998	\$ 70,359
	=====	=====

See accompanying notes to consolidated financial statements.

ESCO TECHNOLOGIES INC. AND SUBSIDIARIES
NOTES TO CONSOLIDATED FINANCIAL STATEMENTS
(Unaudited)

1. BASIS OF PRESENTATION

The accompanying consolidated financial statements, in the opinion of management, include all adjustments, consisting only of normal recurring accruals, necessary for a fair presentation of the results for the interim periods presented. The consolidated financial statements are presented in accordance with the requirements of Form 10-Q and consequently do not include all the disclosures required by accounting principles generally accepted in the United States of America (GAAP). For further information refer to the consolidated financial statements and related notes included in the Company's Annual Report on Form 10-K for the fiscal year ended September 30, 2006.

The Company's business is typically not impacted by seasonality, however, the results for the three-month period ended December 31, 2006 are not necessarily indicative of the results for the entire 2007 fiscal year.

2. EARNINGS PER SHARE (EPS)

Basic EPS is calculated using the weighted average number of common shares outstanding during the period. Diluted EPS is calculated using the weighted average number of common shares outstanding during the period plus shares issuable upon the assumed exercise of dilutive common share options and vesting of performance-accelerated restricted shares (restricted shares) by using the treasury stock method. The number of shares used in the calculation of earnings per share for each period presented is as follows (in thousands):

	Three Months Ended December 31, -----	
	2006 ----	2005 ----
Weighted Average Shares Outstanding - Basic	25,874	25,575
Dilutive Options and Restricted Shares	-	759
	-----	-----
Adjusted Shares- Diluted	25,874 =====	26,334 =====

The Company incurred a net loss in the first quarter of fiscal 2007, therefore, the dilutive options and restricted shares are not included if the result would be antidilutive and therefore, diluted EPS is computed in the same manner as basic EPS. Options to purchase 574,418 shares of common stock at prices ranging from \$42.10 - \$54.88 and options to purchase 166,420 shares of common stock at prices ranging from \$38.85 - \$50.26 were outstanding during the three month periods ended December 31, 2006 and 2005, respectively, but were not included in the computation of diluted EPS because the options' exercise prices were greater than the average market price of the common shares. The options expire at various periods through 2013. Approximately 34,000 restricted shares were excluded from the computation of diluted EPS based upon the application of the treasury stock method for the three-month period ended December 31, 2005.

3. SHARE-BASED COMPENSATION

The Company provides compensation benefits to certain key employees under several share-based plans providing for employee stock options and/or performance-accelerated restricted shares (restricted shares), and to non-employee directors under a non-employee directors compensation plan.

Stock Option Plans

The Company's stock option awards are generally subject to graded vesting over a three year service period. All outstanding options were granted at prices equal to fair market value at the date of grant. The options granted prior to September 30, 2003 have a ten-year contractual life from date of issuance, expiring in various periods through 2013. Beginning in fiscal 2004, the options granted have a five-year contractual life from date of

issuance. Beginning with fiscal 2006 awards, the Company recognizes compensation cost on a straight-line basis over the requisite service period for the entire award. Prior to fiscal 2006, the Company calculated the pro forma compensation cost using the graded vesting method (FIN 28 approach).

The fair value of each option award is estimated as of the date of grant using a Black-Scholes option pricing model. The weighted average assumptions for the periods indicated are noted below. Expected volatility is based on historical volatility of ESCO's stock calculated over the expected term of the option. The expected term was calculated in accordance with Staff Accounting Bulletin No. 107 using the simplified method for "plain-vanilla" options. The risk-free rate for the expected term of the option is based on the U.S. Treasury yield curve in effect at the date of grant.

The fair value of each option grant is estimated on the date of grant using the Black-Scholes option-pricing model with the following weighted-average assumptions used for grants in the three month period ended December 31, 2006 and 2005, respectively: expected dividend yield of 0% in both periods; expected volatility of 27.2% and 28.6%; risk-free interest rate of 4.6% and 4.5%; and expected term of 3.5 years for both periods. Pre-tax compensation expense related to the stock option awards was \$0.8 million and \$0.5 million for the three-month periods ended December 31, 2006 and 2005, respectively.

Information regarding stock options awarded under the option plans is as follows:

	Shares	Weighted Avg. Price	Aggregate Intrinsic Value (in millions)	Weighted- Average Remaining Contractual Life
	-----	-----	-----	----
Outstanding at October 1, 2006	1,387,348	\$26.60		
Granted	284,780	\$45.76		
Exercised	(14,381)	\$24.28	\$0.3	
Cancelled	(3,168)	\$41.36		
	-----	-----		
Outstanding at December 31, 2006	1,654,579	\$29.89	\$26.2	3.7 years
	=====	=====		
Exercisable at December 31, 2006	979,281	\$21.14	\$23.8	
	=====	=====		

The weighted-average grant-date fair value of options granted during the three-month period ended December 31, 2006 and 2005 was \$12.25 and \$11.74, respectively.

Performance-accelerated Restricted Share Awards

The performance-accelerated restricted shares (restricted shares) vest over five years with accelerated vesting if certain performance targets are achieved. In these cases, if it is probable that the performance condition will be met, the Company recognizes compensation cost on a straight-line basis over the shorter performance period; otherwise, it will recognize compensation cost over the longer service period. Compensation cost for all outstanding restricted share awards is being recognized over the shorter performance period as it is probable the performance condition will be met. The restricted share award grants were valued at the stock price on the date of grant. Pre-tax compensation expense related to the restricted share awards was \$0.5 million and \$0.6 million for the three-month periods ended December 31, 2006 and 2005, respectively.

The following summary presents information regarding outstanding restricted share awards as of December 31, 2006 and changes during the three-month period then ended:

	Shares	Weighted Avg. Price
Nonvested at October 1, 2006	155,730	\$34.33
Granted	62,030	\$45.69
	-----	-----
Nonvested at December 31, 2006	217,760	\$37.56
	=====	=====

Non-Employee Directors Plan

Pursuant to the non-employee directors compensation plan, each non-employee director receives a retainer of 800 common shares per quarter. Pre-tax compensation expense related to the non-employee director grants was \$0.2 million and \$0.2 million for the three-month periods ended December 31, 2006 and 2005, respectively.

The total share-based compensation cost that has been recognized in results of operations and included within SG&A was \$1.5 million and \$1.3 million for the three-month periods ended December 31, 2006 and 2005, respectively. The total income tax benefit recognized in results of operations for share-based compensation arrangements was \$0.4 million and \$0.4 million for the three-month periods ended December 31, 2006 and 2005, respectively. As of December 31, 2006, there was \$13.6 million of total unrecognized compensation cost related to share-based compensation arrangements. That cost is expected to be recognized over a weighted-average period of 3.5 years.

4. INVENTORIES

Inventories consist of the following (in thousands):

	December 31, 2006 ----	September 30, 2006 ----
Finished goods	\$ 15,971	12,834
Work in process, including long-term contracts	14,343	13,211
Raw materials	24,978	24,939
	-----	-----
Total inventories	\$ 55,292	50,984
	=====	=====

5. COMPREHENSIVE (LOSS) INCOME

Comprehensive (loss) income for the three-month periods ended December 31, 2006 and 2005 was \$(0.4) million and \$1.5 million, respectively. For the three-month period ended December 31, 2006, the Company's comprehensive loss was positively impacted by foreign currency translation adjustments of \$1.0 million. For the three-month period ended December 31, 2005, the Company's comprehensive income was negatively impacted by foreign currency translation adjustments of \$0.7 million.

6. BUSINESS SEGMENT INFORMATION

The Company is organized based on the products and services that it offers. Under this organizational structure, the Company operates in three segments: Communications, Filtration/Fluid Flow and Test. The components of the Filtration/Fluid Flow segment are presented separately due to differing long-term economics.

Management evaluates and measures the performance of its operating segments based on "Net Sales" and "EBIT", which are detailed in the table below. EBIT is defined as earnings from continuing operations before interest and taxes.

(\$ in thousands)	Three Months ended December 31, -----	
	2006	2005
NET SALES	2006	2005
-----	----	----
Communications	\$ 30,034	19,133
PTI	11,619	10,697
VACCO	6,681	8,054
Filtertek	22,277	22,695

Filtration/Fluid Flow	40,577	41,446
Test	28,202	30,007
Consolidated totals	\$ 98,813	90,586
EBIT		
Communications	(2,782)	(959)
PTI	1,103	1,199
VACCO	338	1,891
Filtertek	376	997
Filtration/Fluid Flow	1,817	4,087
Test	2,143	2,916
Corporate	(4,717)	(3,066)
Consolidated EBIT	(3,539)	2,978
Add: Interest income	338	717
Earnings (loss) before income taxes	\$ (3,201)	3,695

7. RETIREMENT AND OTHER BENEFIT PLANS

A summary of net periodic benefit expense for the Company's defined benefit plans and postretirement healthcare and other benefits for the three-month periods ended December 31, 2006 and 2005 are shown in the following tables. Net periodic benefit cost for each period presented is comprised of the following:

(Dollars in thousands)	Three Months Ended December 31,	
	2006	2005
Defined benefit plans		
Interest cost	\$ 688	650
Expected return on assets	(700)	(675)
Amortization of:		
Prior service cost	2	-
Actuarial loss	98	125
Net periodic benefit cost	\$ 88	100

Net periodic postretirement (retiree medical) benefit cost for each period presented is comprised of the following:

(Dollars in thousands)	Three Months Ended December 31,	
	2006	2005
Service cost	\$ 10	9
Interest cost	12	10
Prior service cost	(1)	-
Amortization of actuarial gain	(11)	(9)
Net periodic postretirement benefit cost	\$ 10	10

8. RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

In September 2006, the FASB issued SFAS No. 158, "Employer's Accounting for Defined Benefit Pension and Other Postretirement Plans" (SFAS 158), which amends SFAS 87 and SFAS 106 to require recognition of the overfunded or

underfunded status of pension and other postretirement benefit plans on the balance sheet. Under SFAS 158, gains and losses, prior service costs and credits, and any remaining transition amounts under SFAS 87 and SFAS 106 that have not yet been recognized through net periodic benefit cost will be recognized in accumulated other comprehensive income, net of tax effects. The measurement date - the date at which the benefit obligation and plan assets are measured - is required to be the Company's fiscal year-end, which is the date the Company currently uses. SFAS 158 is effective for publicly-held companies for fiscal years ending after December 15, 2006. The adoption of SFAS 158 is not expected to have a material impact to the Company's financial position or results of operations.

In June 2006, the FASB issued FASB Interpretation No. 48, "Accounting for Uncertainty in Income Taxes, an Interpretation of FASB Statement No. 109." This Interpretation is effective for the Company beginning October 1, 2007. This Interpretation prescribes a recognition threshold and measurement process for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. The Company is currently evaluating the adoption of this Interpretation and does not currently have an estimate of the impact on the consolidated financial statements.

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

RESULTS OF OPERATIONS

The following discussion refers to the Company's results from continuing operations, except where noted. References to the first quarters of 2006 and 2005 represent the fiscal quarters ended December 31, 2006 and 2005, respectively.

NET SALES

Net sales increased \$8.2 million, or 9.1%, to \$98.8 million for the first quarter of 2007 from \$90.6 million for the first quarter of 2006 due to the 2006 acquisitions of Hexagram and Nexus. Favorable foreign currency values resulted in approximately \$1.1 million of the sales increase realized during the 2007 first quarter.

- -Communications - - - - -

Net sales increased \$10.9 million, or 57.1%, to \$30.0 million for the first quarter of 2007 from \$19.1 million for the first quarter of 2006. The sales increase in the first quarter of 2007 as compared to the prior year quarter was due to: \$7.6 million in sales from Hexagram; an increase in sales of \$2.4 million from Nexus (due to a full quarter of sales compared to one month included in prior year quarter); an additional \$0.8 million of sales of DCSI's automatic meter reading (AMR) products to COOP customers and investor-owned utilities (IOUs); and \$0.1 million of higher shipments of Comtrak's SecurVision video security products. In the first quarter of 2007, DCSI's sales to COOP and public power (Municipal) customers were \$11.7 million compared to \$11.4 million in the first quarter of 2006.

Sales of SecurVision products were \$2.6 million for the first quarter of 2007 as compared to \$2.5 million for the prior year first quarter.

- -Filtration/Fluid Flow - - - - -

Net sales decreased \$0.9 million, or 2.2%, to \$40.6 million for the first quarter of 2007 from \$41.5 million for the first quarter of 2006. The sales decrease during the fiscal quarter ended December 31, 2006 as compared to the prior year quarter is mainly due to: a decrease in defense spares and T-700 shipments at VACCO of \$1.4 million; a net sales decrease at Filtertek of \$0.4 million driven by lower automotive shipments; partially offset by higher commercial aerospace shipments at PTI of \$0.9 million.

- -Test - - - - -

For the first quarter of 2007, net sales of \$28.2 million were \$1.8 million, or 6.0%, lower than the \$30.0 million of net sales recorded in the first quarter of fiscal 2006. The sales decrease in the first quarter of 2007 as compared to the prior year quarter was mainly due to: a \$1.5 million decrease in net sales from the Company's European operations due to the timing of test chamber sales; a \$1.0 million decrease in net sales from the Company's U.S. operations driven by the timing of sales of test chambers and components; partially offset by a \$0.7 million increase in net sales from the Company's Asian operations due to several chamber projects in Japan. Approximately \$3 million of test chamber and component sales were delayed due to site readiness issues ("parent building"

general contracting delays) at several locations.

ORDERS AND BACKLOG

Backlog was \$300.9 million at December 31, 2006 compared with \$253.4 million at September 30, 2006. The Company received new orders totaling \$146.3 million in the first quarter of 2007 compared to \$126.1 million (\$117.1 million of new orders and \$9.0 million of Nexus acquired backlog) in the prior year quarter. New orders of \$61.8 million were received in the first quarter of 2007 related to Communications products, \$45.3 million related to Filtration/Fluid Flow products and \$39.3 million related to Test products. Significant orders received in the first quarter of 2007 included: \$15.5 million of orders from Pacific Gas & Electric (PG&E) mentioned below; a \$6.3 million automotive test chamber order in India; a \$3.4 million aerospace filtration order with Boeing; a \$1.0 million chamber order in Korea; and a \$1.0 million chamber order in Canada to test handheld communications devices

In November 2005, DCSI signed an agreement with PG&E with an anticipated contract value of up to approximately \$310 million covering up to five million endpoints over a five year deployment period beginning in fiscal 2007. Also, in November 2005, Hexagram entered into an agreement to provide equipment, software and services to PG&E in support of the gas utility portion of PG&E's AMI project. The total anticipated contract revenue from commencement through the five-year full deployment for this Hexagram contract is expected to be up to approximately \$225 million. The Company received orders totaling \$15.5 million from PG&E under these agreements during the first quarter of fiscal 2007.

New orders of \$59.2 million were received in the first quarter of 2006 related to Communications products (including the \$9.0 million of Nexus acquired backlog), \$41.1 million related to Filtration/Fluid Flow products and \$25.8 million related to Test products.

AMORTIZATION OF INTANGIBLE ASSETS

Amortization of intangible assets was \$2.1 million and \$0.5 million for the three-month periods ended December 31, 2006 and 2005, respectively. Amortization of intangible assets for the three-month periods ended December 31, 2006 and 2005, included \$0.7 million and \$0.1 million, respectively, of amortization of acquired intangible assets related to the Nexus and Hexagram acquisitions. The amortization of acquired intangible assets related to Nexus and Hexagram are included in Corporate's operating results, see "EBIT - Corporate". The remaining amortization expenses consist of other identifiable intangible assets (primarily software, patents and licenses). During the three-month periods ended December 31, 2006 and 2005, the Company recorded \$0.9 million and zero, respectively, of amortization related to DCSI's TNG capitalized software.

SELLING, GENERAL AND ADMINISTRATIVE EXPENSES

Selling, general and administrative (SG&A) expenses for the first quarter of 2007 were \$29.4 million (29.7% of net sales), compared with \$23.5 million (25.9% of net sales) for the prior year quarter. The increase in SG&A spending in the quarter ended December 31, 2006 as compared to the prior year quarter was primarily due to: \$2.8 million of SG&A expenses related to Hexagram; an increase of \$1.9 million in SG&A expenses related to Nexus (due to a full quarter of SG&A expenses compared to one month included in the prior year quarter); \$0.8 million of sales and marketing expenses incurred in the Test segment to further expand its Asian presence; and \$0.4 million increase at Corporate due to an increase in professional fees incurred to support a research tax credit project.

OTHER (INCOME) AND EXPENSES, NET

Other income, net, was \$0.5 million for the first quarter of 2007 compared to \$0.4 million for the prior year quarter. Principal components of other income, net, for the first quarter of 2007 included \$0.6 million of royalty income. The principal components of other income, net, for the first quarter of fiscal 2006 included the following items: \$0.6 million of royalty income; partially offset by a \$0.2 million charge related to the termination of a subcontract manufacturer.

EBIT

The Company evaluates the performance of its operating segments based on EBIT, defined below. EBIT was \$(3.5) million (3.6% of net sales) for the first quarter of 2007 and \$3.0 million (3.3% of net sales) for the first quarter of 2006. The decrease in EBIT for the first quarter of 2007 as compared to the prior year period is primarily due to the decrease in margins in the Communications segment described below.

This Form 10-Q contains the financial measure "EBIT", which is not calculated in accordance with generally accepted accounting principles in the United States of America (GAAP). EBIT provides investors and Management with an alternative method for assessing the Company's operating results. The Company defines "EBIT" as earnings from continuing operations before interest and taxes. Management evaluates the performance of its operating segments based on EBIT and believes that EBIT is useful to investors to demonstrate the operational profitability of

the Company's business segments by excluding interest and taxes, which are generally accounted for across the entire Company on a consolidated basis. EBIT is also one of the measures Management uses to determine resource allocations within the Company and incentive compensation. The following table presents a reconciliation of EBIT to net (loss) earnings.

(\$ in thousands)	Three Months ended December 31, -----	
	2006 ----	2005 ----
EBIT	\$ (3,539)	2,978
Add: Interest income	338	717
Income taxes	(1,820)	1,491
	-----	-----
Net (loss) earnings	\$ (1,381)	2,204
	=====	=====

- -Communications
- - - - -

EBIT in the first quarter of 2007 was a loss of \$(2.8) million compared to a loss of \$(1.0) million in the prior year quarter. The additional loss for the first quarter of 2007 was due to: a \$1.7 million increase in loss at DCSI resulting from the amortization expenses of its TNG software and PG&E related program support costs; a \$0.3 million loss at Hexagram due to development costs incurred on new products; a \$0.2 million increase in loss at Nexus due to additional SG&A spending related to marketing and new product initiatives; partially offset by an EBIT contribution of \$0.3 million at Comtrak. The Company does not expect an EBIT loss in the Communications segment to continue during the remainder of fiscal 2007 due to the projected increase in sales supported by the orders received during the first quarter of 2007.

- -Filtration/Fluid Flow
- - - - -

EBIT was \$1.8 million (4.5% of net sales) and \$4.1 million (9.9% of net sales) in the first quarters of 2007 and 2006, respectively. For the first quarter of 2007 as compared to the prior year quarter, EBIT decreased \$2.3 million due to: a \$1.6 million decrease at VACCO due to lower defense spares shipments and additional engineering costs on new Space programs; a \$0.6 million decrease at Filtertek due to lower sales volumes and higher raw material costs; and a \$0.1 million decrease at PTI resulting from changes in sales mix and higher material costs.

- -Test
- - - - -

EBIT in the first quarter of 2007 was \$2.1 million (7.6% of net sales) as compared to \$2.9 million (9.7% of net sales) in the prior year quarter. EBIT decreased \$0.8 million as compared to the prior year quarter due to timing delays in chamber projects, reduced component sales, additional sales and marketing costs to support near-term sales growth opportunities and increased material costs.

- -Corporate
- - - - -

Corporate costs included in EBIT were \$4.7 million and \$3.1 million for the three-month periods ended December 31, 2006 and 2005, respectively. The increase in Corporate costs in the first quarter of 2007 as compared to the prior year quarter was due to: \$0.6 million of additional pre-tax amortization of acquired intangible assets related to Nexus and Hexagram; \$0.4 million of additional professional fees incurred to support a research tax credit project; \$0.2 million of additional expense related to stock compensation, and an increase in headcount. In the first quarter of 2007, Corporate costs included \$1.5 million of pre-tax stock compensation expense and \$0.7 million of pre-tax amortization of acquired intangible assets related to Nexus and Hexagram.

INTEREST INCOME, NET

Interest income, net, was \$0.3 million and \$0.7 million for the three-month periods ended December 31, 2006 and 2005, respectively. The decrease in interest income in the first quarter of 2007 as compared to the prior year quarter was due to lower average cash balances on hand.

INCOME TAX EXPENSE

The first quarter 2007 effective income tax rate was a benefit of 56.9% compared to an expense of 40.4 % in the first quarter of 2006. The first quarter 2007 income tax benefit was favorably impacted by a \$0.9 million, net, research tax credit. The effect of the research tax credit positively impacted the first quarter 2007 rate by 27.9%. The first quarter 2007 rate was unfavorably impacted by 8.5% due to additional state and foreign tax liabilities and by 1.9% due to

non-deductible stock option expense related to foreign optionees. The Company estimates the fiscal 2007 tax rate to be approximately 39%.

In December 2006, the President signed into law the "Tax Relief and Health Care Act of 2006" (The Act). The Act extended the expiration date for the research tax credit from December 31, 2005 to December 31, 2007. The Company expects an additional research credit claim of approximately \$1.0 million, net, to be recorded for the year ending September 30, 2007.

CAPITAL RESOURCES AND LIQUIDITY

Working capital (current assets less current liabilities) decreased to \$125.6 million at December 31, 2006 from \$131.4 million at September 30, 2006. Accounts receivable decreased by \$8.4 million in the first quarter of 2007, of which \$6.3 million related to DCSI due to customer collections; and \$2.9 million related to the Filtration segment due to timing and volume of sales. The \$4.3 million increase in inventories at December 31, 2006 is mainly due to a \$3.4 million increase within the Communications segment due to the timing of expected sales. Accounts payable decreased by \$7.4 million in the first quarter of 2007, of which \$3.2 million related to DCSI due to timing of vendor payments.

Net cash provided by operating activities was \$2.0 million and \$1.9 million for the three-month periods ended December 31, 2006 and 2005, respectively.

In December 2006, DCSI signed an agreement with an additional independent manufacturer to produce and supply a significant portion of DCSI's end-products.

Capital expenditures were \$2.8 million and \$2.3 million in the first quarter of fiscal 2007 and 2006, respectively. Major expenditures in the current period included manufacturing equipment used in the Filtration/Fluid Flow businesses.

At December 31, 2006, intangible assets, net, of \$61.7 million included \$48.5 million of capitalized software. Approximately \$42.6 million of the capitalized software balance represents software development costs on the TNG software within the Communications segment to further penetrate the IOU market. TNG is being deployed to efficiently handle the additional levels of communications dictated by the size of the service territories and the frequency of reads that are required under time-of-use or critical peak pricing scenarios to meet the requirements of large IOUs. At December 31, 2006, the Company had approximately \$8 million of commitments related to the development of TNG version 2.0 which is expected to be spent over the next seven months. Amortization of TNG is on a straight-line basis over seven years and began in March 2006. The Company recorded \$0.9 million in amortization expense related to TNG in the first quarter of 2007.

The closure and relocation of the Filtertek Puerto Rico facility was completed in March 2004. The Puerto Rico facility is included in other current assets with a carrying value of \$3.6 million at December 31, 2006. The facility is being marketed for sale.

In October 2004, the Company entered into a \$100 million five-year revolving bank credit facility with a \$50 million increase option that has a final maturity and expiration date of October 6, 2009. At December 31, 2006, the Company had approximately \$99.2 million available to borrow under the credit facility in addition to \$28.0 million cash on hand. At December 31, 2006, the Company had no borrowings, and outstanding letters of credit of \$2.2 million (\$0.8 million outstanding under the credit facility). Cash flow from operations and borrowings under the Company's bank credit facility are expected to meet the Company's capital requirements and operational needs for the foreseeable future.

Pacific Gas & Electric

- - - - -

In November 2005, DCSI entered into a contract to provide equipment, software and services to Pacific Gas & Electric (PG&E) in support of the electric portion of PG&E's Advanced Metering Infrastructure (AMI) project. PG&E's current AMI project plan calls for the purchase of TWACS communication equipment for up to approximately five million electric customers over a five-year period after the commencement of full deployment. The total anticipated contract value from commencement through the five-year full deployment period is expected to be up to approximately \$310 million. PG&E also has the right to purchase additional equipment and services to support existing and new customers through the twenty year term of the contract. Equipment will be purchased by PG&E only upon issuance of purchase orders and release authorizations. PG&E will continue to have the right to purchase products or services from other suppliers for the electric portion of the AMI project. On July 20, 2006, the California Public Utilities Commission approved PG&E's AMI project. DCSI has agreed to deliver to PG&E versions of its newly developed TNG software as they become available and are tested. Delivery of the final version for which DCSI has committed is currently anticipated in the fourth quarter of fiscal 2007. In accordance with U.S. generally accepted accounting standards, the Company will defer all revenue related to the DCSI arrangement until all software is delivered and acceptance criteria have been met. The contract provides for liquidated damages in the

event of DCSI's late development or delivery of hardware and software, and includes indemnification and other customary provisions. The contract may be terminated by PG&E for default, for its convenience and in the event of a force majeure lasting beyond certain prescribed periods. The Company has guaranteed the obligations of DCSI under the contract. If PG&E terminates the contract for its convenience, DCSI will be entitled to recover certain costs.

In November 2005, Hexagram entered into a contract to provide equipment, software and services to PG&E in support of the gas utility portion of PG&E's AMI project. The total anticipated contract revenue from commencement through the five-year full deployment is expected to be up to approximately \$225 million. As with DCSI's contract with PG&E, equipment will be purchased only upon issuance of purchase orders and release authorizations, and PG&E will continue to have the right to purchase products or services from other suppliers for the gas utility portion of the AMI project. On July 20, 2006, the California Public Utilities Commission approved PG&E's AMI project. The contract provides for liquidated damages in the event of late deliveries, includes indemnification and other customary provisions, and may be terminated by PG&E for default, for its convenience and in the event of a force majeure lasting beyond certain prescribed periods. The Company has guaranteed the performance of the contract by Hexagram.

CRITICAL ACCOUNTING POLICIES

Management has evaluated the accounting policies used in the preparation of the Company's financial statements and related notes and believes those policies to be reasonable and appropriate. Certain of these accounting policies require the application of significant judgment by Management in selecting appropriate assumptions for calculating financial estimates. By their nature, these judgments are subject to an inherent degree of uncertainty. These judgments are based on historical experience, trends in the industry, information provided by customers and information available from other outside sources, as appropriate. The most significant areas involving Management judgments and estimates may be found in the Critical Accounting Policies section of Management's Discussion and Analysis and in Note 1 to the Consolidated Financial Statements contained in the Company's Annual Report on Form 10-K for the fiscal year ended September 30, 2006 at Exhibit 13, as supplemented by Note 2 to the Consolidated Financial Statements in Item 1 hereof.

OTHER MATTERS

Contingencies

As a normal incident of the businesses in which the Company is engaged, various claims, charges and litigation are asserted or commenced against the Company. In the opinion of Management, final judgments, if any, which might be rendered against the Company in current litigation are adequately reserved, covered by insurance, or would not have a material adverse effect on its financial statements.

RECENTLY ISSUED ACCOUNTING PRONOUNCEMENTS

In September 2006, the FASB issued SFAS No. 158, "Employer's Accounting for Defined Benefit Pension and Other Postretirement Plans" (SFAS 158), which amends SFAS 87 and SFAS 106 to require recognition of the overfunded or underfunded status of pension and other postretirement benefit plans on the balance sheet. Under SFAS 158, gains and losses, prior service costs and credits, and any remaining transition amounts under SFAS 87 and SFAS 106 that have not yet been recognized through net periodic benefit cost will be recognized in accumulated other comprehensive income, net of tax effects. The measurement date - the date at which the benefit obligation and plan assets are measured - is required to be the Company's fiscal year-end, which is the date the Company currently uses. SFAS 158 is effective for publicly-held companies for fiscal years ending after December 15, 2006. The adoption of SFAS 158 is not expected to have a material impact to the Company's financial position or results of operations.

In June 2006, the FASB issued FASB Interpretation No. 48, "Accounting for Uncertainty in Income Taxes, an Interpretation of FASB Statement No. 109." This Interpretation is effective for the Company beginning October 1, 2007. This Interpretation prescribes a recognition threshold and measurement process for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. The Company is currently evaluating the adoption of this Interpretation and does not currently have an estimate of the impact on the consolidated financial statements.

FORWARD LOOKING STATEMENTS

Statements in this report that are not strictly historical are "forward looking" statements within the meaning of the safe harbor provisions of the federal

securities laws. Forward looking statements include those relating to the estimates or projections made in connection with the Company's accounting policies, SFAS 158, FASB Interpretation No. 48, annual effective tax rate, research tax credits, timing of Communications segment commitments and expenditures, outcome of current claims and litigation, future cash flow, capital requirements and operational needs for the foreseeable future, the ultimate values and timing of revenues under the DCSI / PG&E contract and the Hexagram / PG&E contract, the start of deployment under the Company's PG&E contracts, the future delivery and acceptance of the TNG software by PG&E, and timing of spending for TNG commitments. Investors are cautioned that such statements are only predictions, and speak only as of the date of this report. The Company's actual results in the future may differ materially from those projected in the forward-looking statements due to risks and uncertainties that exist in the Company's operations and business environment including, but not limited to: actions by PG&E's Board of Directors and PG&E's management impacting PG&E's AMI projects; the timing and success of DCSI's software development efforts; the timing and content of purchase order releases under PG&E's contracts; the Company's successful performance under the PG&E contracts; weakening of economic conditions in served markets; changes in customer demands or customer insolvencies; competition; intellectual property rights; successful execution of the planned sale of the Company's Puerto Rico facility; material changes in the costs of certain raw materials including steel, copper and petroleum based resins; delivery delays or defaults by customers; termination for convenience of customer contracts; timing and magnitude of future contract awards; performance issues with key suppliers, customers and subcontractors; collective bargaining and labor disputes; changes in laws and regulations including changes in accounting standards and taxation requirements; costs relating to environmental matters; litigation uncertainty; and the Company's successful execution of internal operating plans.

ITEM 3. QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK

Market risks relating to the Company's operations result primarily from changes in interest rates and changes in foreign currency exchange rates. There has been no material change to the Company's market risks since September 30, 2006. Refer to the Company's Annual Report on Form 10-K for the fiscal year ended September 30, 2006 for further discussion about market risk.

ITEM 4. CONTROLS AND PROCEDURES

The Company carried out an evaluation, under the supervision and with the participation of Management, including the Company's Chief Executive Officer and Chief Financial Officer, of the effectiveness of the design and operation of the Company's disclosure controls and procedures as of the end of the period covered by this report. Based upon that evaluation, the Company's Chief Executive Officer and Chief Financial Officer concluded that the Company's disclosure controls and procedures were effective as of that date. Disclosure controls and procedures are controls and procedures that are designed to ensure that information required to be disclosed in Company reports filed or submitted under the Securities Exchange Act of 1934 (the "Exchange Act") is recorded, processed, summarized and reported within the time periods specified in the Securities and Exchange Commission's rules and forms. There has been no change in the Company's internal control over financial reporting (as defined in Rule 13a-15(f) under the Exchange Act) during the period covered by this report that has materially affected, or is reasonably likely to materially affect, the Company's internal control over financial reporting.

PART II OTHER INFORMATION

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

In August 2006, the Company's Board of Directors authorized an open market common stock repurchase program for up to 1.2 million shares, subject to market conditions and other factors, which covers the period through September 30, 2008. There were no stock repurchases during the three-month period ended December 31, 2006.

ITEM 6. EXHIBITS

a) Exhibits

Exhibit
Number

- | | | |
|------|---|---|
| 3.1 | Restated Articles of Incorporation | Incorporated by reference to Form 10-K for the fiscal year ended September 30, 1999, at Exhibit 3(a) |
| 3.2 | Amended Certificate of Designation Preferences and Rights of Series A Participating Cumulative Preferred Stock of the Registrant | Incorporated by reference to Form 10-Q for the fiscal quarter ended March 31, 2000, at Exhibit 4(e) |
| 3.3 | Articles of Merger effective July 10, 2000 | Incorporated by reference to Form 10-Q for the fiscal quarter ended June 30, 2000, at Exhibit 3(c) |
| 3.4 | Bylaws, as amended and restated as of July 10, 2000. | Incorporated by reference to Form 10-K for the fiscal year ended September 30, 2003, at Exhibit 3.4 |
| 3.5 | Amendment to Bylaws effective as of February 2, 2007. | |
| 4.1 | Specimen Common Stock Certificate | Incorporated by reference to Form 10-Q for the fiscal quarter ended June 30, 2000, at Exhibit 4(a) |
| 4.2 | Specimen Rights Certificate | Incorporated by reference to Current Report on Form 8-K dated February 3, 2000, at Exhibit B to Exhibit 4.1 |
| 4.3 | Rights Agreement dated as of September 24, 1990 (as amended and Restated as of February 3, 2000) between the Registrant and Registrar and Transfer Company, as successor Rights Agent | Incorporated by reference to Current Report on Form 8-K dated February 3, 2000, at Exhibit 4.1 |
| 4.4 | Credit Agreement dated as of October 6, 2004 among the Registrant, Wells Fargo Bank, N.A., as agent, and the lenders listed therein | Incorporated by reference to Form 10-K for the fiscal year ended September 30, 2004, at Exhibit 4.4 |
| 4.5 | Consent and waiver to Credit Agreement (listed as 4.4, above) dated as of January 20, 2006 | Incorporated by reference to Current Report on Form 8-K dated February 2, 2006 at Exhibit 4.1 |
| 31.1 | Certification of Chief Executive Officer relating to Form 10-Q for period ended December 31, 2006 | |
| 31.2 | Certification of Chief Financial Officer relating to Form 10-Q for period ended December 31, 2006 | |
| 32 | Certification of Chief Executive Officer and Chief Financial Officer | |

relating to Form 10-Q
for period ended
December 31, 2006

SIGNATURE

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.

ESCO TECHNOLOGIES INC.

/s/ Gary E. Muenster
Gary E. Muenster
Senior Vice President and Chief Financial
Officer
(As duly authorized officer and principal
accounting officer of the registrant)

Dated: February 8, 2007

AMENDMENT TO BYLAWS
EFFECTIVE AS OF FEBRUARY 2, 2007

Section 3.8 Qualifications. No person shall be qualified to be elected and to hold office as a Director if such person is determined by a majority of the Board of Directors to have acted in a manner contrary to the best interests of the Corporation, including, but not limited to, the violation of either Federal or State law, or breach of any agreement between that Director and the Corporation relating to his services as a Director, employee or agent of the Corporation. A Director need not be a shareholder.

CERTIFICATIONS

I, V.L. Richey, Jr., certify that:

1. I have reviewed this quarterly report on Form 10-Q of ESCO Technologies Inc.;
2. Based on my knowledge, this quarterly 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 quarterly report;
3. Based on my knowledge, the financial statements, and other financial information included in this quarterly 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 quarterly 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 quarterly 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.
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 and finance 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.

Date: February 8, 2007

(s) V.L. Richey, Jr.

V.L. Richey, Jr.
Chief Executive Officer

CERTIFICATIONS

I, G.E. Muenster, certify that:

1. I have reviewed this quarterly report on Form 10-Q of ESCO Technologies Inc.;
2. Based on my knowledge, this quarterly 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 quarterly report;
3. Based on my knowledge, the financial statements, and other financial information included in this quarterly 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 quarterly 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 quarterly 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.
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 and finance 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.

Date: February 8, 2007

(s) G.E. Muenster

G.E. Muenster
Chief Financial Officer

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

In connection with the quarterly report of ESCO Technologies Inc. (the "Company") on Form 10-Q for the period ended December 31, 2006 as filed with the Securities and Exchange Commission on the date hereof (the "Report"), we, V. L. Richey, Jr., Chief Executive Officer of the Company, and G. E. Muenster, Chief Financial Officer of the Company, certify, to the best of our knowledge, pursuant to 18 U.S.C. 1350, as adopted pursuant to 906 of the Sarbanes-Oxley Act of 2002, that:

- (1) The Report fully complies with the requirements of Section 13(a) or 15(d) of the Securities Exchange Act of 1934; and
- (2) The information contained in the Report fairly presents, in all material respects, the financial condition and results of operations of the Company.

Dated: February 8, 2007

/s/ V.L. Richey, Jr.

V.L. Richey, Jr.
Chief Executive Officer
ESCO Technologies Inc.

/s/ G.E. Muenster

G.E. Muenster
Chief Financial Officer
ESCO Technologies Inc.