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

FORM 10-Q

(Mark One)

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

For the quarterly period ended July 31, 2007

or

o 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: 000-25142

MITCHAM INDUSTRIES, INC.

(Exact name of registrant as specified in its charter)

Texas

(State or other jurisdiction of incorporation or organization)

76-0210849

(I.R.S. Employer Identification No.)

8141 SH 75 South P.O. Box 1175 Huntsville, Texas 77342

(Address of principal executive offices, including Zip Code)

(936) 291-2277

(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 such reports), and (2) has been subject to such filing requirements for the past 90 days. Yes \square No o

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 o Accelerated filer ☑ Non-accelerated filer o

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

Indicate the number of shares outstanding of each of the issuer's classes of common stock, as of the latest practicable date: 9,768,320 shares of common stock, \$0.01 par value, were outstanding as of August 31, 2007.

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PART I. FINANCIAL INFORMATION

Item 1. Financial Statements

MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED BALANCE SHEETS (in thousands, except per share data)

	July 31, 2007 (unaudited)	January 31, 2007
ASSETS		
Current assets:		
Cash and cash equivalents	\$ 13,712	\$ 12,582
Accounts receivable, net	11,278	11,823
Current portion of notes receivable, net	1,857	1,787
Inventories	6,630	7,308
Deferred tax asset	665	483
Prepaid expenses and other current assets	2,019	2,003
Total current assets	36,161	35,986
Seismic equipment lease pool and property and equipment, net	36,578	35,432
Intangible assets, net	1,899	2,127
Goodwill	4,358	3,358
Deferred tax asset	_	5,094
Long-term portion of notes receivable and other assets	117	1,305
Total assets	\$ 79,113	\$ 83,302
LIABILITIES AND SHAREHOLDERS' EQUITY		
Current liabilities:		
Accounts payable	\$ 3,915	\$ 16,343
Current maturities — long-term debt	1,500	1,500
Income taxes payable	163	328
Deferred revenue	2,456	948
Accrued expenses and other current liabilities	4,045	3,177
Total current liabilities	12,079	22,296
Non-current deferred tax liability	326	_
Non-current income taxes payable	833	_
Long-term debt	_	1,500
Total liabilities	13,238	23,796
Shareholders' equity:	,	,
Preferred stock, \$1.00 par value; 1,000 shares authorized; none issued and outstanding	_	_
Common stock \$.01 par value; 20,000 shares authorized; 10,687 and 10,601 shares issued at July 31 and		
January 31, 2007, respectively	107	106
Additional paid-in capital	69,173	67,385
Treasury stock, at cost (919 shares at July 31 and January 31, 2007)	(4,781)	(4,781)
Accumulated deficit	(5,116)	(6,142)
Accumulated other comprehensive income	6,492	2,938
Total shareholders' equity	65,875	59,506
Total liabilities and shareholders' equity	\$ 79,113	\$ 83,302

The accompanying notes are an integral part of these condensed consolidated financial statements.

MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF OPERATIONS (in thousands, except per share data) (unaudited)

	For the Three July	Months Ended	For the Six Months Ended July 31,	
_	2007	2006	2007	2006
Revenues:		h	.	.
Equipment leasing	\$ 6,249	\$ 4,970	\$ 16,330	\$ 11,980
Lease pool equipment sales	775	442	1,492	3,149
Seamap equipment sales	5,605	2,774	15,663	6,075
Other equipment sales	2,770	2,773	4,928	3,870
Total revenues	15,399	10,959	38,413	25,074
Cost of sales:				
Direct costs — equipment leasing	351	521	821	1,376
Direct costs — lease pool depreciation	2,442	1,811	4,846	3,551
Cost of equipment sales	6,033	3,495	16,069	7,718
Total cost of sales	8,826	5,827	21,736	12,645
Gross profit	6,573	5,132	16,677	12,429
Operating expenses:				
General and administrative	3,620	3,829	7,640	7,363
Depreciation and amortization	366	309	721	607
Total operating expenses	3,986	4,138	8,361	7,970
Operating income	2,587	994	8,316	4,459
Other income (expense)				
Interest, net	64	186	142	334
Other, net	_	24	2	34
Total other income	64	210	144	368
Income before income taxes	2,651	1,204	8,460	4,827
(Provision for) benefit from income taxes	(930)	49	(2,799)	(135)
Net income	<u>\$ 1,721</u>	\$ 1,253	\$ 5,661	\$ 4,692
Net income per common share:				
-			.	
Basic	\$ 0.18	\$ 0.13	\$ 0.59	\$ 0.49
Diluted	\$ 0.17	\$ 0.12	\$ 0.55	\$ 0.46
Shares used in computing net income per common share:				
Basic	9,672	9,599	9,657	9,585
Diluted	10,271	10,115	10,219	10,134
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The accompanying notes are an integral part of these condensed consolidated financial statements.

MITCHAM INDUSTRIES, INC. CONDENSED CONSOLIDATED STATEMENTS OF CASH FLOWS (in thousands) (unaudited)

	For the Six M	
	2007	2006
Cash flows from operating activities:	Ф. Б. СС1	ф. 4.60D
Net income	\$ 5,661	\$ 4,692
Adjustments to reconcile net income to net cash provided by operating activities:	F F C 7	4.150
Depreciation and amortization	5,567	4,158
Stock-based compensation	985	794
Recovery of doubtful accounts	(134)	
Provision for inventory obsolescence	288	(1.500)
Gross profit from sale of lease pool equipment	(818)	(1,509)
Excess tax benefit from exercise of non-qualified stock options	(483)	(272)
Deferred tax provision (benefit)	1,794	(415)
Changes in:	1 222	(2.016)
Trade accounts receivable	1,222	(2,016)
Notes receivable	1,111	(0.004)
Inventories	653	(2,231)
Income taxes payable	109	490
Accounts payable, accrued expenses, other current liabilities and deferred revenue	1,304	(53)
Prepaid expenses and other current assets	245	(256)
Net cash provided by operating activities	17,504	3,382
Cash flows from investing activities:		
Purchases of seismic equipment held for lease	(17,240)	(4,078)
Sales and maturities of short-term investments	_	550
Purchases of property and equipment	(355)	(1,270)
Additional payments related to subsidiary acquisition	_	(1,000)
Sale of used lease pool equipment	1,492	3,149
Net cash used in investing activities	(16,103)	(2,649)
Cash flows from financing activities:		
Proceeds from borrowings	4,500	_
Payments on borrowings	(6,000)	_
Proceeds from issuance of common stock upon exercise of warrants and stock options, net of stock surrendered	322	611
Excess tax benefit from exercise of non-qualified stock options	483	272
Net cash (used in) provided by financing activities	(695)	883
Effect of changes in foreign exchange rates on cash and cash equivalents	424	(154)
Net increase in cash and cash equivalents	1,130	1,462
Cash and cash equivalents, beginning of period	12,582	16,438
Cash and cash equivalents, end of period	<u>\$ 13,712</u>	\$ 17,900
Supplemental cash flow information:		_
Interest paid	\$ 244	\$ 153
Income taxes paid	\$ 588	Ψ 155
The accompanying notes are an integral part of these condensed consolidated financial sto	itements.	

MITCHAM INDUSTRIES, INC. NOTES TO CONDENSED CONSOLIDATED FINANCIAL STATEMENTS (In thousands, except per share amounts) (unaudited)

1. Basis of Presentation

The condensed consolidated balance sheet as of January 31, 2007 for Mitcham Industries, Inc. ("Mitcham" or the "Company") has been derived from audited financial statements. The unaudited interim condensed consolidated financial statements have been prepared by the Company, without audit, pursuant to the rules and regulations of the Securities and Exchange Commission ("SEC"). Certain information and footnote disclosures normally included in financial statements prepared in accordance with accounting principles generally accepted in the United States of America have been condensed or omitted pursuant to such rules and regulations, although the Company believes that the disclosures are adequate to make the information presented not misleading. These condensed consolidated financial statements should be read in conjunction with the financial statements and the related notes included in the Company's Annual Report on Form 10-K for the year ended January 31, 2007. In the opinion of the Company, all adjustments, consisting only of normal recurring adjustments, necessary to present fairly the financial position as of July 31, 2007; the results of operations for the three and six months ended July 31, 2007 and 2006; and the cash flows for the six months ended July 31, 2007 and 2006, have been included. The foregoing interim results are not necessarily indicative of the results of the operations to be expected for the full fiscal year ending January 31, 2008.

Certain fiscal 2007 amounts have been reclassified to conform to the fiscal 2008 presentation. Such reclassifications had no effect on net income.

2. Organization

Mitcham Industries, Inc., a Texas corporation, was incorporated in 1987. The Company, through its wholly owned Canadian subsidiary, Mitcham Canada, Ltd. ("MCL") and its wholly owned Russian subsidiary, Mitcham Seismic Eurasia LLC ("MSE"), provides full-service equipment leasing, sales and service to the seismic industry worldwide. The Company, through its wholly owned Australian subsidiary, Seismic Asia Pacific Pty Ltd. ("SAP"), provides seismic, oceanographic and hydrographic leasing and sales worldwide, primarily in Southeast Asia and Australia. The Company, through its wholly owned subsidiary, Seamap International Holdings Pte, Ltd. ("Seamap"), designs, manufactures and sells a broad range of proprietary products for the seismic, hydrographic and offshore industries with product sales and support facilities based in Texas, Singapore and the United Kingdom. All intercompany transactions and balances have been eliminated in consolidation.

3. New Accounting Pronouncements

In June 2006, the Financial Accounting Standards Board ("FASB") issued Interpretation No. 48, *Accounting for Uncertainty in Income Taxes* ("FIN 48"). FIN 48 clarifies the accounting for uncertainty in income taxes recognized in an enterprise's financial statements in accordance with Statement of Financial Accounting Standards ("SFAS") 109, *Accounting for Income Taxes*, and prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN 48 also provides guidance on de-recognition, classification, interest and penalties, accounting in interim periods, disclosure and transition.

The evaluation of a tax position in accordance with FIN 48 is a two-step process. The first step is recognition: the enterprise determines whether it is more likely than not that a tax position will be sustained upon examination, including resolution of any related appeals or litigation processes, based on the technical merits of the position. In evaluating whether a tax position has met the more-likely-than-not recognition threshold, the enterprise should presume that the position will be examined by the appropriate taxing authority that would have full knowledge of all relevant information. The second step is measurement: a tax position that meets the more-likely-than-not recognition threshold is measured to determine the amount of benefit to recognize in the financial statements. The tax position is measured at the largest amount of benefit that is greater than 50% likely of being realized upon ultimate settlement. Differences between tax positions taken in a tax return and amounts recognized in the financial statements will generally result in (1) an increase in a liability for income taxes payable or a reduction of an income tax refund receivable or (2) a reduction in a deferred tax asset or an increase in a deferred tax liability or both (1) and (2). The Company adopted FIN 48 effective February 1, 2007. See Note 8 – *Income Taxes* for a discussion of the impact of adoption on the Company's financial statements.

In September 2006, the FASB issued SFAS No. 157, *Fair Value Measurements* ("SFAS 157"), to define fair value, establish a framework for measuring fair value and expand disclosures about the use of fair value to measure assets and liabilities. SFAS 157 requires quantitative disclosures using a tabular format in all periods (interim and annual) and qualitative disclosures about the valuation techniques used to measure fair value in all annual periods. SFAS 157 will be

effective for the Company's fiscal year beginning February 1, 2008. The Company is currently evaluating the effect that the adoption of SFAS 157 will have on its consolidated financial position and results of operations.

In February 2007, the FASB issued SFAS No. 159, The Fair Value Option for Financial Assets and Financial Liabilities ("SFAS 159"). SFAS 159 expands opportunities to use fair value measurements in financial reporting and permits entities to choose to measure many financial instruments and certain other items at fair value. SFAS 159 will be effective for the Company on February 1, 2008. The Company is currently evaluating the impact of adopting SFAS 159 on its consolidated financial position and results of operations.

3. Balance Sheet

	July 31, 2007	January 31, 2007
Accounts receivable:		
Accounts receivable	\$ 12,300	\$ 13,035
Allowance for doubtful accounts	(1,022)	(1,212)
Total accounts receivable, net	\$ 11,278	\$ 11,823
Notes receivable:		
Notes receivable	\$ 1,966	\$ 3,077
Allowance for doubtful accounts		
	1,966	3,077
Less current portion of notes receivable	(1,857)	(1,787)
Long-term portion of notes receivable	\$ 109	\$ 1,290
Inventories:		
Raw materials	\$ 3,119	\$ 3,996
Finished goods	1,644	2,023
Work in progress	2,594	1,686
	7,357	7,705
Less allowance for obsolescence	(727)	(397)
Total inventories, net	\$ 6,630	\$ 7,308
Seismic equipment lease pool and property and equipment:		
Seismic equipment lease pool	\$ 95,322	\$ 88,301
Land and buildings	366	366
Furniture and fixtures	4,651	4,347
Autos and trucks	519	382
	100,858	93,396
Accumulated depreciation and amortization	(64,280)	(57,964)
Total seismic equipment lease pool and property and equipment, net	\$ 36,578	\$ 35,432
Accrued expenses and other current liabilities:		
Accrued expenses	\$ 3,045	\$ 3,177
Accrued earn-out payment	1,000	_
Total accrued expenses and other current liabilities	\$ 4,045	\$ 3,177
5		

4. Goodwill and Other Intangible Assets

	Weighted			July	31, 2007				Janua	y 31, 2007	
	Average Life at 7/31/07	Ca	Gross rrying nount		mulated rtization	Net arrying mount	C	Gross arrying mount		mulated rtization	Net arrying amount
Goodwill		\$	4,358				\$	3,358			
Proprietary rights	12.9	\$	1,850	\$	(257)	\$ 1,593	\$	1,850	\$	(195)	\$ 1,655
Covenants not-to-compete	1.0		1,000		(694)	306		1,000		(528)	472
Amortizable intangible assets		\$	2,850	\$	(951)	\$ 1,899	\$	2,850	\$	(723)	\$ 2,127

On July 12, 2005, the Company acquired 100% of the stock of Seamap. Under the Purchase Agreement, the Company agreed to pay to the sellers certain contingent purchase price payments provided that certain earn-out earnings thresholds and prerequisites are achieved. Earn-out earnings thresholds are based upon total revenues of the acquired companies of Seamap ("earn-out revenues"). For each of the years ending April 30, 2007 through April 30, 2010, the annual earn-out revenues threshold is \$10,000. The Company accrued the final earn-out threshold payment at April 30, 2007 and recorded \$1,000 as additional goodwill. The accrued payment was made in August 2007. As of July 31, 2007, the Company had goodwill of \$4,358, all of which is allocated to the Seamap segment. No impairment has been recorded against the goodwill account.

Amortizable intangible assets are amortized over their estimated useful lives of three to 15 years using the straight-line method. Aggregate amortization expense was \$114 for the three months ended July 31, 2007 and 2006 and \$228 for the six months ended July 31, 2007 and 2006. As of July 31, 2007, future estimated amortization expense related to amortizable intangible assets is estimated to be:

\$ 229
262
123
123
1,162
\$ 1,162 1,899
\$

5. Long-Term Debt and Notes Payable

On June 27, 2005, the Company entered into a \$12,500 revolving loan agreement with First Victoria National Bank (the "Bank"). On February 1, 2007, the facility was amended to extend its term to February 1, 2009. The facility bears interest at the prime rate. Amounts available for borrowing under the facility are determined by a borrowing base. The borrowing base is computed based on certain outstanding accounts receivable, certain portions of the Company's lease pool and any lease pool assets that are to be purchased with proceeds of the facility. Borrowings under the facility are secured by essentially all of the Company's domestic assets. Interest on any outstanding principal balance is payable monthly, while the principal is due at maturity. The loan agreement also contains certain financial covenants that require, among other things, that the Company maintain a debt to shareholder's equity ratio of a maximum of 1.3 to 1.0, maintain a current assets to current liabilities ratio of a minimum of 1.25 to 1.0, and not incur or maintain any indebtedness or obligations or guarantee the debts or obligations of others in a total aggregate amount which exceeds \$1,000 without the prior written approval of the Bank, except for indebtedness incurred as a result of the Seamap acquisition and other specific exceptions. The Company has borrowed and repaid \$4,500 under this facility during the current fiscal year and no amounts are currently outstanding under this facility.

In connection with the Seamap acquisition in July 2005, the Company issued \$3,000 in promissory notes payable to the former shareholders of Seamap, of which \$1,500 is now outstanding. The notes bear interest at 5%, which is payable annually on the anniversary of the notes. The remaining principal is payable on July 31, 2008.

6. Shareholders' Equity

During the six months ended July 31, 2007, 63 shares were issued upon the exercise of stock options by employees and non-employee directors pursuant to various stock option plans of the Company. Additionally, 23 shares were issued in July 2007 upon the exercise of warrants.

7. Comprehensive Income

Comprehensive income generally represents all changes in shareholders' equity during the period, except those resulting from investments by, or distributions to, shareholders. The Company has comprehensive income related to changes in foreign currency to U.S. dollar exchange rates, which is recorded as follows:

	Three Mont July 3		Six Months Ended July 31,		
	2007	2006	2007	2006	
Net income	\$ 1,721	\$ 1,253	\$ 5,661	\$ 4,692	
Gain (loss) from foreign currency translation adjustment	1,248	(223)	3,554	368	
Comprehensive income	\$ 2,969	\$ 1,030	\$ 9,215	\$ 5,060	

8. Income Taxes

The Company adopted the provisions of FIN 48 on February 1, 2007. As a result of the implementation of FIN 48, the Company recognized a liability for unrecognized tax benefits of \$1,235, a reduction of deferred tax assets of \$3,400 and a \$4,635 decrease to its February 1, 2007 balance of retained earnings. If recognized, all of the \$4,635 of currently unrecognized tax benefits would reduce the Company's effective tax rate. During the three months ended July 31, 2007, the Company recorded a reduction of deferred tax assets and a reduction of non-current income taxes payable of approximately \$400.

The Company and its subsidiaries file consolidated and separate income tax returns in the U.S. federal jurisdiction and in foreign jurisdictions. The Company is subject to U.S. federal income tax examinations for all tax years beginning with its fiscal year ended January 31, 2002. The Internal Revenue Service has yet to commence an examination of any of the Company's U.S. federal income tax returns.

The Company is subject to examination by taxing authorities throughout the world, including such major foreign jurisdictions as Australia, Canada, Russia, Singapore and the United Kingdom. With few exceptions, the Company and its subsidiaries are no longer subject to foreign income tax examinations for tax years before 2002. With respect to ongoing audits, in the second quarter of fiscal 2008 the Canadian federal tax authorities commenced an audit of Canadian income tax returns for tax years ended January 31, 2004 through 2007. To date, no adjustments have been proposed as a result of this audit.

The Company recognizes accrued interest and penalties related to unrecognized tax benefits in income tax expense. In conjunction with the adoption of FIN 48, the Company recognized approximately \$773 for the accrual of interest and penalties at February 1, 2007 which is included as a component of the \$4,635 of unrecognized tax benefits. During the three and six months ended July 31, 2007, the Company recognized approximately \$52 of potential interest associated with uncertain tax positions. To the extent interest and penalties are not assessed with respect to uncertain tax positions, amounts accrued will be reduced and reflected as reductions in income tax expense.

The Company does not anticipate that total unrecognized tax benefits will significantly change due to the settlement of audits and the expiration of statute of limitations prior to July 31, 2008. However, due to the uncertain and complex application of tax regulations, it is possible that the ultimate resolution of these matters may result in liabilities that could be materially different from these estimates.

9. Earnings per Share

Net income per basic common share is computed using the weighted average number of common shares outstanding

during the period, excluding unvested restricted stock. Net income per diluted common share is computed using the weighted average number of common shares and dilutive potential common shares outstanding during the period. Potential common shares result from the assumed exercise of outstanding warrants and common stock options having a dilutive effect using the treasury stock method, and from the unvested shares of restricted stock using the treasury stock method. The following table presents the calculation of basic and diluted weighted average common shares used in the earnings per share calculation for the three and six months ended July 31, 2007 and 2006:

	Three Mor July		Six Months Ended July 31,		
	2007	2006	2007	2006	
Basic common shares outstanding	9,672	9,599	9,657	9,585	
Stock options	562	487	527	525	
Restricted stock	22	13	20	8	
Warrants	15	16	15	16	
Total common share equivalents	599	516	562	549	
Diluted common shares outstanding	10,271	10,115	10,219	10,134	

10. Stock-Based Compensation

Total compensation expense recognized for stock-based awards granted under the Company's various equity incentive plans during the three and six months ended July 31, 2007, was approximately \$429 and \$985, respectively, and during the three and six months ended July 31, 2006, was approximately \$497 and \$794, respectively. During the six months ended July 31, 2007, 15 shares of restricted stock were awarded to certain employees and 120 options to purchase common stock were granted to the non-employee members of the Company's Board of Directors.

11. Segment Reporting

The following information is disclosed as required by SFAS No. 131, Disclosures about Segments of an Enterprise and Related Information.

The Equipment Leasing segment offers for lease or sale, new and "experienced" seismic equipment to the oil and gas industry, seismic contractors, environmental agencies, government agencies and universities. The Equipment Leasing segment is headquartered in Huntsville, Texas, with sales and services offices in Calgary, Canada; Brisbane, Australia; and Ufa, Bashkortostan, Russia.

The Seamap segment is engaged in the design, manufacture and sale of state-of-the-art seismic and offshore telemetry systems. Manufacturing, support and sales facilities are maintained in the UK and Singapore.

Financial information by business segment is set forth below (net of any allocations):

		As of July 31, 2007	
	Fixed assets, net	Intangible assets, net	Goodwill
Equipment Leasing	\$ 35,969	\$ —	\$ —
Seamap	1,217	1,899	4,358
Eliminations	(608)	_	_
Consolidated	\$ 36,578	\$ 1,899	\$ 4,358

Results for the three months ended July 31, 2007 and 2006 were as follows:

	Revenues		Operating income (loss)		Income (loss) before taxes		
	2007	2006	2007	2006	2007	2006	
Equipment Leasing	\$ 9,794	\$ 8,268	\$ 2,227	\$ 1,422	\$ 2,361	\$ 1,629	
Seamap	5,754	2,774	363	(373)	293	(370)	
Eliminations	(149)	(83)	(3)	(55)	(3)	(55)	
Consolidated	\$ 15,399	\$ 10,959	\$ 2,587	\$ 994	\$ 2,651	\$ 1,204	

Results for the six months ended July 31, 2007 and 2006 were as follows:

	Reve	nues	Operating income (loss)		Income (loss) before taxes	
	2007	2006	2007	2006	2007	2006
Equipment Leasing	\$ 22,750	\$ 19,082	\$ 7,442	\$ 5,147	\$ 7,725	\$ 5,507
Seamap	16,118	6,075	1,013	(633)	874	(625)
Eliminations	(455)	(83)	(139)	(55)	(139)	(55)
Consolidated	\$ 38,413	\$ 25,074	\$ 8,316	\$ 4,459	\$ 8,460	\$ 4,827

Sales from Seamap to the Equipment Leasing segment are eliminated in the consolidated revenues. Consolidated income before taxes reflects the elimination of profit from intercompany sales and depreciation expense on the difference between the sales price and the cost to manufacture the equipment. Fixed assets are reduced by the difference between the sales price and the cost to manufacture the equipment, less the accumulated depreciation related to the difference.

Item 2. Management's Discussion and Analysis of Financial Condition and Results of Operations

Cautionary Statement about Forward-Looking Statements

Certain statements contained in this Quarterly Report on Form 10-Q may be deemed to be forward-looking statements within the meaning of Section 2IE of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and Section 27A of the Securities Act of 1933, as amended (the "Securities Act"). This information includes, without limitation, statements concerning:

- our future financial position and results of operations;
- planned capital expenditures;
- our business strategy and other plans for future operations;
- the future mix of revenues and business;
- future demand for our services; and
- general conditions in the energy industry and seismic service industry.

Although we believe that the expectations reflected in these forward-looking statements are reasonable, we can not assure you that these expectations will prove to be correct. When used in this report, the words "anticipate," "believe," "estimate," "expect," "may" and similar expressions, as they relate to our company and management, are intended to identify forward-looking statements. The actual results of future events described in these forward-looking statements could differ materially from the results described in the forward-looking statements due to risks and uncertainties, including those set forth in our Annual Report on Form 10-K for the year ended January 31, 2007 and elsewhere within this Quarterly Report on Form 10-Q. We undertake no obligation to publicly release the result of any revision of these forward-looking statements after the date they are made.

Overview

We operate in two segments, Equipment Leasing and equipment manufacturing. The equipment manufacturing segment is conducted by our Seamap subsidiaries and therefore is referred to as our Seamap segment. Our equipment leasing operations are conducted from our Huntsville, Texas headquarters and from our locations in Calgary, Canada; Brisbane, Australia; and Ufa, Russia. This includes the operations of our Mitcham Canada Ltd. ("MCL"), Seismic Asia Pacific Pty. Ltd, ("SAP") and Mitcham Seismic Eurasia LLC ("MSE") subsidiaries. We acquired Seamap in July 2005. Seamap operates from its locations near Bristol, United Kingdom and in Singapore.

Management believes that the performance of our Equipment Leasing segment is indicated by revenues from equipment leasing and by the level of our investment in lease pool equipment. Management further believes that the performance of our Seamap segment is indicated by revenues from equipment sales and by gross profit from those sales. Management monitors EBITDA and Adjusted EBITDA, both as defined in the following table, as key indicators of our overall performance.

The following table presents certain operating information by operating segment.

	For the Three Months Ended For the Six Months End July 31, July 31,			
	2007 (in thous	2006	2007 (in thou	2006
Revenues:	((,
Equipment Leasing	\$ 9,794	\$ 8,268	\$ 22,750	\$ 19,082
Seamap	5,754	2,774	16,118	6,075
Inter-segment sales	(149)	(83)	(455)	(83)
Total revenues	15,399	10,959	38,413	25,074
Cost of sales:				
Equipment Leasing	5,107	4,309	9,953	9,230
Seamap	3,864	1,546	12,099	3,443
Inter-segment costs	(145)	(28)	(316)	(28)
Total cost of sales	8,826	5,827	21,736	12,645
Gross profit	6,573	5,132	16,677	12,429
Operating expenses:				
General and administrative	3,620	3,829	7,640	7,363
Depreciation and amortization	366	309	721	607
Total operating expenses	3,986	4,138	8,361	7,970
Operating income	\$ 2,587	\$ 994	\$ 8,316	\$ 4,459

	For the Three Months Ended July 31,		For the Six Months Ended July 31,	
	2007	2006	2007	2006
	(in thous	sands)	(in thou	sands)
EBITDA (1)	\$ 5,395	\$ 3,138	\$ 13,885	\$ 8,651
Adjusted EBITDA (1)	\$ 5,824	\$ 3,719	\$ 14,870	\$ 9,445
Reconciliation of Net Income to EBITDA and Adjusted EBITDA				
Net income	\$ 1,721	\$ 1,253	\$ 5,661	\$ 4,692
Interest income, net	(64)	(186)	(142)	(334)
Depreciation and amortization	2,808	2,120	5,567	4,158
Provision for (benefit from) income taxes	930	(49)	2,799	135
EBITDA (1)	5,395	3,138	13,885	8,651
Stock-based compensation	429	497	985	794
Adjusted EBITDA (1)	\$ 5,824	\$ 3,635	\$ 14,870	\$ 9,445

⁽¹⁾ EBITDA is defined as earnings (loss) before (a) interest income, net of interest expense, (b) provision for (or benefit from) income taxes and (c) depreciation and amortization. Adjusted EBITDA excludes stock-based compensation. We consider EBITDA and Adjusted EBITDA to be important indicators for the performance of our business, but not measures of performance calculated in accordance with accounting principles generally accepted in the United States of America ("GAAP"). We have included these non-GAAP financial measures because they provide management with important information for assessing our performance and as indicators of our ability to make capital expenditures and finance working capital requirements. EBITDA and Adjusted EBITDA are not measures of financial performance under GAAP and should not be considered in isolation or as alternatives to cash flow from operating activities or as alternatives to net income as indicators of operating performance or any other measures of performance derived in accordance with GAAP. Other companies in our industry may calculate EBITDA or Adjusted EBITDA differently than we do and EBITDA and Adjusted EBITDA may not be comparable with similarly titled measures reported by other companies.

In our Equipment Leasing segment, we lease seismic data acquisition equipment primarily to seismic data acquisition companies conducting land, transition zone and marine seismic surveys worldwide. We provide short-term leasing of seismic equipment to meet a customer's requirements and offer technical support during the lease term. The majority of all active leases at July 31, 2007 were for a term of less than one year. Seismic equipment held for lease is carried at cost, net of accumulated depreciation. We acquire some marine lease pool equipment from our Seamap segment. These amounts are reflected in the accompanying consolidated financial statements at the cost to our Seamap segment. From time to time, we sell lease pool equipment to our customers. These sales are usually transacted when we have equipment for which we do not have near term needs in our leasing business and if the proceeds from the sale exceed the estimated present value of future lease income from that equipment. We also occasionally sell new seismic equipment that we acquire from others and sometimes provide financing on those sales. In addition to conducting seismic equipment leasing operations, SAP sells equipment, consumables, systems integration, engineering hardware and software maintenance support services to the seismic, hydrographic, oceanographic, environmental and defense industries throughout Southeast Asia and Australia.

Our Seamap segment designs, manufactures and sells a variety of products used primarily in marine seismic applications. Seamap's primary products include the (1) GunLink seismic source acquisition and control systems, which provide marine operators more precise control of their exploration systems, and (2) the BuoyLink GPS tracking system used to provide precise positioning of seismic sources and streamers (marine recording channels that are towed behind a vessel).

Seismic equipment leasing is susceptible to weather patterns in certain geographic regions. Our lease revenue is seasonal, especially in Canada and Russia, where a significant percentage of seismic survey activity occurs in the winter months, from January through March or April. During the months in which the weather is warmer, certain areas are not accessible by trucks, earth vibrators and other heavy equipment because of the unstable terrain. Additionally, monsoons that occur in some areas of Southeast Asia and the Pacific Rim may disrupt land and marine seismic operations.

Our revenues are directly related to the level of worldwide oil and gas exploration activities and the profitability and cash flows of oil and gas companies and seismic contractors, which in turn are affected by expectations regarding the supply and demand for oil and natural gas, energy prices and finding and development costs. Seismic data acquisition activity levels are measured in terms of the number of active recording crews, known as the "crew count," and the number of recording channels deployed by those crews. Because an accurate and reliable census of active crews does not exist, it is not possible to make definitive statements regarding the absolute levels of seismic data acquisition activity. Furthermore, a significant number of seismic data acquisition contractors are either private or state-owned enterprises and information about their activities is not available in the

public domain. Nonetheless, we believe the seismic industry is currently enjoying a period of stable and sustained growth. This is evidenced by increased demand for our equipment and by improving financial results as reported by many seismic contractors. We believe that this increase is being driven by relatively high world oil and North American natural gas prices, combined with the maturation of the world's hydrocarbon producing basins. The future direction and magnitude of changes in seismic data acquisition activity levels will continue to be dependent upon oil and natural gas prices to a large degree.

The market for products sold by Seamap is dependent upon activity within the offshore, or marine, seismic industry, including the re-fitting of existing seismic vessels and the equipping of new vessels.

Current prices of oil and natural gas have resulted in increased activity in the oil and gas industry and in turn resulted in an increased demand for seismic services. This has contributed to an increased demand for leasing of our equipment. We cannot predict how long the current trend will last, but we believe that a depressed oil and gas industry results in lower demand for and, therefore, lower revenues from, the leasing of our equipment. We do not quantitatively calculate utilization rates for our equipment lease pool. However, we do subjectively monitor factors that we believe reflect trends in utilization. We have relatively fixed costs within certain revenue ranges and, as a result, our earnings are particularly sensitive to changes in utilization rates and demand for our lease equipment.

A significant portion of our revenues are generated from sources outside the United States. For the six months ended July 31, 2007, revenues from international customers totaled approximately \$29.2 million. This amount represents 75% of consolidated revenues for that period. The majority of our transactions with international customers are denominated in United States, Australian and Canadian dollars, Russian rubles and British pounds sterling.

Results of Operations

For the fiscal quarter ended July 31, 2007, we recorded operating income of approximately \$2.6 million, compared to approximately \$1.0 million for the same fiscal quarter a year ago, an increase of approximately 160%. This increase is primarily attributable to increased equipment leasing revenues and increased sales of Seamap products which is a result of the increased demand discussed above. However, operating income in the second quarter of fiscal 2008 was approximately 55% lower than in the first quarter of fiscal 2008. This decline reflects the normal seasonality in our business, as well as unusually high revenues from Seamap sales in the first quarter of fiscal 2008. Seamap sales in the first quarter of fiscal 2008 included approximately \$2.4 million in sales that had been delayed from the fourth quarter of fiscal 2007 and \$2.0 million in sales that had been expected to occur later in fiscal 2008.

Revenues and Direct Costs

Equipment Leasing

Revenue from our Equipment Leasing segment is comprised of the following:

	Thre	Three Months Ended July 31,		Six Months Ended July 31,	
	2007	2006	2007	2006	
	((in thousands)		(in thousands)	
Equipment leasing	\$ 6,249	\$ 4,970	\$ 16,330	\$ 11,980	
Lease pool equipment sales	775	442	1,492	3,149	
New seismic equipment sales	1,666	2,092	3,446	1,678	
SAP equipment sales	1,104	764	1,482	2,276	
	\$ 9,794	\$ 8,268	\$ 22,750	\$ 19,083	

Equipment leasing revenues have increased due to increased demand for seismic equipment, expansion into new geographic markets and expansion of our lease pool, including equipment for marine applications. The demand for seismic equipment is primarily driven by the global oil and gas exploration activity discussed above. In the fourth quarter of fiscal 2007 and first quarter of fiscal 2008, we added approximately \$18.1 million of new lease pool equipment, including 15,000 channels of Sercel DSU3 428XL equipment and new marine equipment. This increase in our lease pool contributed significantly to the increase in equipment leasing revenues in the first half of fiscal 2008 as compared to the first half of fiscal 2007. MSE, our Russian subsidiary, had equipment under lease for the full winter season this year and therefore contributed approximately \$1.9 million in leasing revenues during the first two quarters of fiscal 2008, an increase of approximately \$1.8 million over the same period last year.

From time to time, we sell equipment from our lease pool based on specific customer demand and as opportunities present themselves in order to redeploy our capital in other lease pool assets. Accordingly, these transactions are difficult to predict. The gross profit from the sales of lease pool equipment amounted to

approximately \$0.5 million and \$0.3 million for the quarters ended July 31, 2007 and 2006, respectively. For the six months ended July 31, 2007 and 2006, the gross profit from these transactions amounted to approximately \$1.0 million and \$1.5 million, respectively. Often, the equipment that is sold from our lease pool has been held by us, and therefore depreciated, for some period of time. Accordingly, the equipment sold may have a relatively low net book value at the time of the sale, resulting in a relatively high gross margin from the transaction. The amount of the margin on a particular transaction varies greatly based primarily upon the age of the equipment.

Occasionally, we will sell new seismic equipment that we acquire from others. On occasion, these sales may be structured with a significant down payment and the balance financed over a period of time at a market rate of interest. SAP regularly sells new hydrographic and oceanographic equipment to customers in Australia and throughout the Pacific Rim. The gross profit from the sale of new seismic equipment and hydrographic and oceanographic equipment amounted to approximately \$0.7 million and \$1.0 million in the fiscal quarters ended July 31, 2007 and 2006, respectively. For the six months ended July 31, 2007 and 2006, the gross profit from the sale of this equipment amounted to approximately \$1.2 million and \$1.3 million, respectively.

Overall, the gross profit from our Equipment Leasing segment increased to approximately \$4.7 million in the second quarter of fiscal 2008 as compared to approximately \$4.0 million in the second quarter of fiscal 2007. For the first six months of fiscal 2008 the gross profit from the Equipment Leasing segment amounted to approximately \$12.8 million as compared to approximately \$9.9 million in the first six months of fiscal 2007. The increases in overall gross profit in the fiscal 2008 periods are attributable to the increase in leasing revenues and a decline in direct costs related to these operations and are in spite of lower gross profit from equipment sales and higher depreciation charges within this segment.

Depreciation expense related to lease pool equipment for the quarter ending July 31, 2007 amounted to approximately \$2.4 million, as compared to approximately \$1.8 million for the quarter ended July 31, 2006. For the six months ended July 31, 2007 lease pool depreciation amounted to approximately \$4.8 million as compared to approximately \$3.6 million for the six months ended July 31, 2006. The increase in depreciation expense was primarily due to our acquisition of additional lease pool equipment primarily during the last half of fiscal 2007.

Revenues and depreciation expense do not necessarily directly correlate. Over the long-term, depreciation expense is impacted by increases in equipment purchases to meet growing demand for our leased equipment. We have been able to purchase equipment at discounts through volume purchase arrangements. A lower purchase price results in lower depreciation expense than in previous periods. Although some of the equipment in our lease pool has reached the end of its depreciable life, given the increased demand within the seismic industry, the equipment continues to be in service and continues to generate revenue. Because the depreciable life of equipment in our industry is determined more by technical obsolescence than by usage or wear and tear, some of our equipment, although fully depreciated, is still capable of functioning appropriately. Currently, in our industry, higher demand is generating more leasing revenue and older equipment is more in demand than in prior periods.

Direct costs related to seismic leasing amounted to approximately \$0.4 million in the three months ended July 31, 2007 and \$0.6 million in the three months ended July 31, 2006. We recorded direct costs of \$0.8 million related to seismic leasing during the six months ended July 31, 2007 as compared to approximately \$1.4 million during the six months ended July 31, 2006. Direct costs typically fluctuate with leasing revenues, as the three main components of direct costs are freight, repairs and sublease expense; however, costs as a percentage of revenues decreased in fiscal 2008 as compared to previous periods. This decline was primarily due to greater reimbursement of costs from our customers and lower costs to lease certain equipment from third parties.

Seamap

The Seamap segment increased revenues by approximately 102% in the second quarter of fiscal 2008 as compared to the same quarter a year ago, to approximately \$5.8 million from approximately \$2.8 million. For the first six months of fiscal 2008 Seamap sales increase over 165% to approximately \$16.1 million from approximately \$6.1 million. The increased sales related primarily to our GunLink, BuoyLink and weight collar products, as well as ancillary equipment. Demand for marine seismic equipment is influenced generally by the same factors that impact demand for the rental of seismic equipment.

The gross profit from the sale of Seamap equipment amounted to approximately \$1.9 million, or 33%, of Seamap revenues for the three months ended July 31, 2007, as compared to approximately \$1.2 million, or 44%, of Seamap revenues for the three months ended July 31, 2006. For the six months ended July 31, 2007, gross profit from Seamap sales amounted to approximately \$4.0 million, or 25% of revenues, as compared to approximately \$2.6 million, or 43% of revenues for the three months ended July 31, 2006. Included in first six months of fiscal 2008 was approximately \$3.5 million related to ancillary equipment, such as umbilicals and handling systems, which have a much lower gross margin than Seamap's other products. In addition, sales in the fiscal 2007 periods

included a mix of products with higher gross margins. For all of fiscal 2007 Seamap's gross margin was approximately 27%. For the three months ended July 31, 2007, our consolidated revenues and gross profit were each reduced by approximately \$0.1 million due to the elimination of inter-segment sales from the Seamap segment to the Equipment Leasing segment. For the six months ended July 31, 2007, the elimination of inter-segment sales and gross profit amounted to approximately \$0.5 million and \$0.3 million, respectively.

Operating Costs

General and administrative expenses for the quarter ended July 31, 2007 were approximately \$3.6 million, compared to approximately \$3.8 million for the quarter ended July 31, 2006. The amounts in the second quarter of fiscal 2008 reflect the recovery of previously provided bad debts and lower stock based compensation expense as compared to the same period in fiscal 2007 For the first six months of fiscal 2008 general and administrative expenses amounted to approximately \$7.6 million as compared to approximately \$7.4 million in the first six months of fiscal 2007. Contributing to the increase in general and administrative expenses in the first six months of fiscal 2008 were costs relating to compliance with Section 404 of the Sarbanes-Oxley Act of 2002 and higher stock based compensation expense.

Interest and Other Income, net

Net interest and other income for the second quarter and first six months of fiscal 2008 amounted to approximately \$64,000 and \$144,000, respectively, compared to approximately \$210,000 and \$368,000, respectively, in comparable periods of fiscal 2007. The decrease reflects lower levels of invested funds in fiscal 2008, as well as interest expense on borrowings from our revolving loan agreement, which amounted to \$4.5 million for most the first quarter of fiscal 2008

Provision for Income Taxes

Our provision for income taxes for the second quarter of fiscal 2008 amounted to approximately \$0.9 million, consisting of current taxes of \$0.4 million and deferred taxes of \$0.5 million. This compares with a benefit of approximately \$49,000 for the second quarter of fiscal 2007. For the first six months of fiscal 2008 our provision for income taxes amounted to approximately \$2.8 million, consisting of current taxes of \$1.0 million and deferred taxes of \$1.8 million. This compares with a provision of approximately \$0.1 million for the first six months of fiscal 2007. As of January 31, 2007, we had recognized essentially all of our deferred tax assets, accordingly in the first six months of fiscal 2008 our effective tax rate approximated the expected statutory rate. In prior periods our tax provision generally reflected the recognition of certain deferred tax assets relating primarily to net operating loss carryovers and fixed assets. Income taxes currently payable in the United States have been reduced by approximately \$0.5 million due to deductions arising from the exercise of non-qualified stock options. This amount does not reduce our current tax provision but is credited directly to paid-in capital.

Liquidity and Capital Resources

As of July 31, 2007, we had working capital of approximately \$24.1 million and cash and cash equivalents of approximately \$13.7 million as compared to net working capital of approximately \$13.7 million and cash and cash equivalents of approximately \$12.6 million at January 31, 2007. Our working capital increased during the six months ended July 31, 2007 due to working capital generated by operations.

Cash flow provided by operating activities amounted to approximately \$17.5 million in the first six months of fiscal 2008 as compared to cash flows provided by operating activities of approximately \$3.4 million in the same six months in fiscal 2007. The approximately \$14.1 million difference in cash flows from operating activities resulted from an increase in deferred taxes of \$2.2 million, a decrease in the gross profit from the sale of lease pool equipment of \$0.7 million, an increase in depreciation and amortization expense of \$1.4 million, a decrease in the change in receivables and payables of \$5.7 million and a decrease in inventories of approximately \$2.9 million. Receivables increased in fiscal 2008 over fiscal 2007 because of the higher revenues. Depreciation was higher in fiscal 2008 as a result of the purchase of equipment late in fiscal 2007.

Cash flow used in investing activities for the six months ended July 31, 2007 includes capital expenditures for lease pool equipment totaling approximately \$17.2 million. Approximately \$12.6 million of this amount was attributable to equipment purchased in fiscal 2007, but not paid for until the current year. The remaining \$4.6 million of lease pool purchases compares with approximately \$4.1 million of capital expenditures for lease pool equipment in the first six months of fiscal 2007. In the first six months of fiscal 2008 we received approximately \$1.5 million in cash from the sale of lease pool equipment compared to approximately \$3.1 million from the first six months of fiscal 2007. The amount we receive from the sale of lease pool equipment could vary significantly based on market conditions and the demand for equipment. We generally do not seek to sell our lease pool

equipment, but do so from time to time. We will sell lease pool equipment in response to specific demand from customers if the selling price exceeds the estimated present value of projected future leasing revenue from that equipment. Our net cash used in investing activities for the quarter ended July 31, 2006 reflects a payment of \$1.0 million to the former owners of Seamap. This payment was made pursuant to the earn-out arrangement included in the Seamap purchase agreement.

During the quarter ended April 30, 2007, we borrowed \$4.5 million under our \$12.5 million revolving loan agreement with First Victoria National Bank. The \$4.5 million was repaid before the end of the quarter. We intend to utilize the amounts available under this facility from time to time to fund short term working capital needs. Under this credit agreement we may borrow up to \$12.5 million, subject to a borrowing base comprised of eligible accounts receivable and eligible lease pool equipment. We believe that the entire amount of the facility is available to us under these criteria. Any amounts borrowed under the facility are due at the maturity of the facility on February 1, 2009. Interest on outstanding amounts is payable monthly at prime. The facility contains certain financial covenants that require, among other things, that we maintain a debt to shareholders equity ratio of not more than 1.3 to 1.0, maintain a current assets to current liabilities ratio of at least 1.25 to 1.0, and not incur or maintain any indebtedness which exceeds \$1.0 million without the prior written consent of the bank, except for certain specific exceptions such as the debt incurred in connection with the Seamap acquisition. In July 2007 we made a payment of \$1.5 principal payment under the notes issued in connection with the purchase of Seamap. Financing activities also include the sale of common stock upon the exercise of stock options. These transactions resulted in cash provided of approximately \$0.3 million and \$0.6 million in the first six months of fiscal 2008 and 2007, respectively.

As of July 31, 2007, we have commitments outstanding for the purchase of approximately \$6.0 million of additional lease pool equipment. We may purchase further amounts should we believe demand from our clients warrants such further purchases; however, the amount and timing of any additional purchases are uncertain.

During August 2007 we made a \$1.0 million payment to the former shareholders of Seamap pursuant to the earn-out provisions of the purchase agreement. This amount, which was accrued as of July 31, 2007, is the final payment due under these earn-out provisions.

We believe that the obligations discussed above, as well as our other liquidity needs, can be met from cash flow provided by operations. We might, however, utilize our revolving line of credit from time to time to fund short term liquidity needs, such as we did in the first quarter of fiscal 2008. Should we make additional substantial purchases of lease pool equipment or should we purchase other businesses, we may seek other sources of debt or equity financing.

As of July 31, 2007, we had deposits in foreign banks equal to approximately \$6.1 million. These funds may generally be transferred to our accounts in the United States without restriction. However, the transfer of these funds may result in withholding taxes payable to foreign taxing authorities. Any such transfer taxes generally may be credited against our federal income tax obligations in the United States. Additionally, the transfer of funds from our foreign subsidiaries to the United States may result in currently taxable income in the United States.

Critical Accounting Policies

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires us to make estimates and assumptions in determining the reported amounts of assets and liabilities at the date of the financial statements and the reported amounts of revenues and expenses during the period. Significant estimates made by us in the accompanying consolidated financial statements relate to reserves for doubtful accounts receivable and useful lives of our lease pool assets, useful lives of amortizable intangible assets, our impairment assessment of the lease pool and various intangible assets and income taxes.

Critical accounting policies are those that are most important to the portrayal of a company's financial position and results of operations and require management's subjective judgment. Below is a brief discussion of our critical accounting policies.

Revenue Recognition

Leases

We recognize lease revenue ratably over the term of the lease unless there is a question as to whether it is collectible. We do not enter into leases with embedded maintenance obligations. Under our standard lease, the customer is responsible for maintenance and repairs to the equipment, excluding normal wear and tear. We provide technical advice to our customers as part of our customer service practices.

Equipment Sales

We recognize revenue and cost of goods sold from the equipment sales upon agreement of terms and when

delivery has occurred, unless there is a question as to its collectibility. We occasionally offer extended payment terms on equipment sales transactions. These terms are generally one to two years in duration.

Allowance for Doubtful Accounts

We make provisions to the allowance for doubtful accounts periodically, as conditions warrant, based on whether such receivables are estimated to be collectible. In certain instances when customers have been unable to repay their open accounts receivable balances, we have agreed to a structured repayment program using an interest-bearing promissory note. In these cases, we provide a reserve for doubtful accounts against the balance and do not recognize interest earned until the entire principal balance has been collected.

Long-Lived Assets

We carry our lease pool of equipment and other property and equipment at cost, net of accumulated depreciation, and compute depreciation on the straight-line method over the estimated useful lives of the property and equipment, which range from two to 10 years. Cables are depreciated over two years, geophones over three years, channel boxes over five to seven years and earth vibrators and other heavy equipment are depreciated over a 10-year period. Buildings are depreciated over 40 years, property improvements are amortized over 10 years and leasehold improvements are amortized over the shorter of useful life and the life of the lease. Intangible assets are amortized from three to 15 years.

The estimated useful lives for rental equipment are based on our experience as to the economic useful life of the equipment. We review and consider industry trends in determining the appropriate useful life for our lease pool equipment, including technological obsolescence, market demand and actual historical useful service life of our lease pool equipment. Additionally, to the extent information is publicly available, we compare our depreciation policies to those of other companies in our industry for reasonableness. When we purchase new equipment for our lease pool, we begin to depreciate it upon its first use and depreciation continues each month until the equipment is fully depreciated, whether or not the equipment is actually in use during that entire time period.

Our policy regarding the removal of assets that are fully depreciated from our books is the following: if an asset is fully depreciated and is still expected to generate revenue, then the asset will remain on our books. However if a fully depreciated asset is not expected to have any revenue generating capacity, then it is removed from our books.

In accordance with SFAS 144, *Accounting for the Impairment or Disposal of Long-Lived Assets*, we perform a review of our lease pool assets for potential impairment when events or changes in circumstances indicate that the carrying amount may not be fully recoverable. We typically review all major categories of assets (not each individual asset) in our consolidated lease pool with remaining net book value to ascertain whether or not we believe that a particular asset group will generate sufficient cash flow over their remaining life to recover the remaining carrying value of those assets. Assets that we believe will not generate cash flow sufficient to cover the remaining net book value are subject to impairment. We make our assessments based on customer demand, current market trends and market value of our equipment to determine if it will be able to recover its remaining net book value from future leasing or sales.

Income Taxes

Deferred tax assets and liabilities are determined based on temporary differences between income and expenses reported for financial reporting and tax reporting. We have assessed, using all available positive and negative evidence, the likelihood that the deferred tax assets will be recovered from future taxable income.

Under SFAS No. 109, *Accounting for Income Taxes*, an enterprise must use judgment in considering the relative impact of negative and positive evidence. The weight given to the potential effect of negative and positive evidence should be commensurate with the extent to which it can be objectively verified. The more negative evidence that exists (1) the more positive evidence is necessary and (2) the more difficult it is to support a conclusion that a valuation allowance is not needed for some portion, or all, of the deferred tax asset. Among the more significant types of evidence that we consider are:

- taxable income projections in future years;
- whether the carryforward period is so brief that it would limit realization of tax benefits;
- future sales and operating cost projections that will produce more than enough taxable income to realize the deferred tax asset based on existing sales prices and cost structures; and
- our earnings history exclusive of the loss that created the future deductible amount coupled with evidence indicating that the loss is an aberration rather than a continuing condition.

In determining the valuation allowance, we consider the following positive indicators:

- the current level of worldwide oil and gas exploration activities resulting from historically high prices for oil and natural gas;
- increasing world demand for oil;
- our recent history of profitable operations in various jurisdictions;
- our anticipated positive income in various jurisdictions; and
- our existing customer relationships.

We also consider the following negative indicators:

- the risk of the world oil supply increasing, thereby depressing the price of oil and natural gas;
- the risk of decreased global demand for oil; and
- the potential for increased competition in the seismic equipment leasing and sales business.

In June 2006, the Financial Accounting Standards Board ("FASB") issued Interpretation No. 48, *Accounting for Uncertainty in Income Taxes* ("FIN 48"). FIN 48 clarifies the accounting for uncertainty in income taxes recognized in an enterprise's financial statements in accordance with Statement of Financial Accounting Standards ("SFAS") 109, *Accounting for Income Taxes*, and prescribes a recognition threshold and measurement attribute for the financial statement recognition and measurement of a tax position taken or expected to be taken in a tax return. FIN 48 also provides guidance on de-recognition, classification, interest and penalties, accounting in interim periods, disclosure and transition.

The evaluation of a tax position in accordance with FIN 48 is a two-step process. In the first step we determine whether it is more likely than not that a tax position will be sustained upon examination, including resolution of any related appeals or litigation processes, based on the technical merits of the position. In evaluating whether a tax position has met the more-likely-than-not recognition threshold, we presume that the position will be examined by the appropriate taxing authority that would have full knowledge of all relevant information. In the second step any tax position that meets the more-likely-than-not recognition threshold is measured to determine the amount of benefit to recognize in the financial statements. The tax position is measured at the largest amount of benefit that is greater than 50% likely of being realized upon ultimate settlement. Differences between tax positions taken in a tax return and amounts recognized in the financial statements will generally result in (1) an increase in a liability for income taxes payable or a reduction of an income tax refund receivable or (2) a reduction in a deferred tax asset or an increase in a deferred tax liability or both (1) and (2). The evaluation of tax positions and the measurement of the related benefit requires significant judgment on the part of management.

Stock-Based Compensation

Effective February 1, 2006, we adopted the provisions of SFAS No. 123R, *Share-Based Payment*, using the modified prospective transition method. Determining the grant date fair value under SFAS No. 123R requires management to make estimates regarding the variables used in the calculation of the grant date fair value. Those variables are the future volatility of our common stock price, the length of time an optionee will hold their options until exercising them (the "expected term"), and the number of options or shares that will be forfeited before they are exercised (the "forfeiture rate"). We utilize various mathematical models in calculating the variables. Share-based compensation expense could be different if we used different models to calculate the variables.

New Accounting Pronouncements

In September 2006, the FASB issued SFAS No. 157, *Fair Value Measurements* ("SFAS 157"), to define fair value, establish a framework for measuring fair value and expand disclosures about the use of fair value to measure assets and liabilities. SFAS 157 requires quantitative disclosures using a tabular format in all periods (interim and annual) and qualitative disclosures about the valuation techniques used to measure fair value in all annual periods. SFAS 157 will be effective for our fiscal year beginning February 1, 2008. We are currently evaluating the effect that the adoption of SFAS 157 will have on our consolidated financial position and results of operations.

In February 2007, the FASB issued SFAS No. 159, *The Fair Value Option for Financial Assets and Financial Liabilities* ("SFAS 159"). SFAS 159 expands opportunities to use fair value measurements in financial reporting and permits entities to choose to measure many financial instruments and certain other items at fair value. SFAS 159 will be effective for us on February 1, 2008. We are currently evaluating the impact of adopting SFAS 159 on our consolidated financial position and results of operations.

Item 3. Quantitative and Qualitative Disclosures about Market Risk

Market Risk

We are exposed to market risk, which is the potential loss arising from adverse changes in market prices and rates. We have not entered, or intend to enter, into derivative financial instruments for hedging or speculative purposes.

Foreign Currency Risk

We operate in a number of foreign locations, which give rise to risk from changes in foreign exchange rates. To the extent possible, we attempt to denominate our transactions in foreign locations in U.S. dollars. For those cases in which transactions are not denominated in U.S. dollars, we are exposed to risk from changes in exchange rates to the extent that non-U.S. dollar revenues exceed non-U.S. dollar expenses related to those operations. Our non-U.S. dollar transactions are denominated primarily in British pounds sterling, Canadian dollars, Australian dollars, Singapore dollars and the Russian ruble. As a result of these transactions, we generally hold cash balances that are denominated in these foreign currencies. At July 31, 2007, our consolidated cash and cash equivalents included foreign currency denominated amounts equivalent to approximately \$3.5 million in U.S. dollars. A 10% increase in the U.S. dollar as compared to each of these currencies would result in a loss of approximately \$348,000 in the U.S. dollar value of these deposits, while a 10% decrease would result in an equal amount of gain. We do not currently hold or issue foreign exchange contracts or other derivative instruments to hedge these exposures.

Some of our foreign operations are conducted through wholly owned foreign subsidiaries that have functional currencies other than the U.S. dollar. We currently have subsidiaries whose functional currencies are the Canadian dollar, British pound sterling, Australian dollar and the Singapore dollar. Assets and liabilities from these subsidiaries are translated into U.S. dollars at the exchange rate in effect at each balance sheet date. The resulting translation gains or losses are reflected as Accumulated Other Comprehensive Income in the Shareholders' Equity section of our Consolidated Balance Sheets. Approximately 74% of our net assets are impacted by changes in foreign currencies in relation to the U.S. dollar. We recorded an increase of approximately \$3.6 million in our equity in the six months ended July 31, 2007 related to weakening of the U.S. dollar against the foreign currencies mentioned above.

Item 4. Controls and Procedures

Evaluation of Disclosure Controls and Procedures

As required by Rule 13a-15(b) under the Exchange Act, we have evaluated, under the supervision and with the participation of our management, including our principal executive officer and principal financial officer, the effectiveness of the design and operation of our disclosure controls and procedures (as defined in Rules 13a-15(e) and 15d-15(e) under the Exchange Act) as of the end of the period covered by this report. Our disclosure controls and procedures are designed to provide reasonable assurance that the information required to be disclosed by us in reports that we file under the Exchange Act is accumulated and communicated to our management, including our principal executive officer and principal financial officer, as appropriate, to allow timely decisions regarding required disclosure and is recorded, processed, summarized and reported within the time periods specified in the rules and forms of the SEC. Our principal executive officer and principal financial officer have concluded that our current disclosure controls and procedures were effective as of July 31, 2007 at the reasonable assurance level.

Changes in Internal Control over Financial Reporting

There was no change in our system of internal control over financial reporting during our second fiscal quarter that has materially affected, or is reasonably likely to materially affect, our internal control over financial reporting.

PART II

Item 1. Legal Proceedings

From time to time, we are a party to legal proceedings arising in the ordinary course of business. We are not currently a party to any litigation that we believe could have a material adverse effect on our results of operations or financial condition.

Item 1A. Risk Factors

The Risk Factors included in our Annual Report on Form 10-K for the year ended January 31, 2007 have not materially changed.

Item 2. Unregistered Sales of Equity Securities and Use of Proceeds

Not applicable.

Item 3. Defaults Upon Senior Securities

Not applicable.

Item 4. Submission of Matters to a Vote of Security Holders

We held our Annual Meeting of Shareholders on July 12, 2007. Shareholders of record at the close of business on May 21, 2007, were entitled to (1) elect five directors to serve on our Board of Directors and (2) ratify the selection by the Audit Committee of our Board of Directors of Hein & Associates LLP as our independent registered public accounting firm for the fiscal year ending January 31, 2008. The number of votes cast for, against or withheld, as well as the number of abstentions, as to each matter, are incorporated by reference to Items 5.02 and 8.01 of our Current Report on Form 8-K filed on July 18, 2007.

Item 5. Other Information

Not applicable.

Item 6. Exhibits

Exhibits

The exhibits marked with the cross symbol (†) are filed with this Form 10-Q.

Exhibit Number 3.1	Document Description Amended and Restated Articles of Incorporation of Mitcham Industries, Inc.	Report or Registration Statement Incorporated by reference to Mitcham Industries, Inc.'s Registration Statement on Form S-8, filed	SEC File or Registration Number 333-67208	Exhibit Reference 3.1
		with the SEC on August 9, 2001.		
3.2	Second Amended and Restated Bylaws of Mitcham Industries, Inc.	Incorporated by reference to Mitcham Industries, Inc.'s Annual Report on Form 10-K for the fiscal year ended January 31, 2004, filed with the SEC on May 28, 2004.	000-25142	3.2
31.1†	Certification of Billy F. Mitcham, Jr., Chief Executive Officer, pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities Exchange Act, as amended			
31.2†	Certification of Robert P. Capps, Chief Financial Officer, pursuant to Rule 13a-14(a) and Rule 15d-14(a) of the Securities Exchange Act, as amended			
32.1†	Certification of Billy F. Mitcham, Jr., Chief Executive Officer, and Robert P. Capps, Chief Financial Officer, under Section 906 of the Sarbanes Oxley Act of 2002, 18 U.S.C. § 1350			
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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.

MITCHAM INDUSTRIES, INC.

Date: September 5, 2007

/s/ Robert P. Capps
Robert P. Capps
Executive Vice President-Finance and Chief Financial Officer
(Duly Authorized Officer and Chief Accounting Officer)

Index to Exhibits

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CERTIFICATION

- I. Billy F. Mitcham, Jr., certify that:
- 1. I have reviewed this quarterly report on Form 10-Q of Mitcham Industries, 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(s) 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 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(s) 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/ Billy F. Mitcham, Jr.

Billy F. Mitcham, Jr. Chief Executive Officer September 5, 2007

CERTIFICATION

- I, Robert P. Capps, certify that:
- 1. I have reviewed this quarterly report on Form 10-Q of Mitcham Industries, 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(s) 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 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(s) 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/ Robert P. Capps

Robert P. Capps Executive Vice President-Finance and Chief Financial Officer September 5, 2007

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 Mitcham Industries, Inc. (the "Company") on Form 10-Q for the quarterly period ended July 31, 2007, as filed with the Securities and Exchange Commission on the date hereof (the "Report"), Billy F. Mitcham, Jr., Chief Executive Officer of the Company and Robert P. Capps, Executive Vice President-Finance and Chief Financial Officer of the Company, each hereby certify, pursuant to 18 U.S.C. Section 1350, as adopted pursuant to Section 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.

/s/ Billy F. Mitcham, Jr.

Billy F. Mitcham, Jr. Chief Executive Officer September 5, 2007

/s/ Robert P. Capps

Robert P. Capps Executive Vice President-Finance and Chief Financial Officer September 5, 2007