MARTEN TRANSPORT ANNOUNCES FIRST QUARTER RESULTS

Marten Transport, Ltd. (Nasdaq/GS:MRTN) today reported net income of \$5.3 million, or 16 cents per diluted share, in the first quarter ended March 31, 2014, compared with \$7.2 million, or 22 cents per diluted share, in the first quarter of 2013.

Operating revenue, consisting of revenue from truckload and logistics operations, decreased to \$159.4 million in the first quarter of 2014 from \$164.5 million in the first quarter of 2013. Operating revenue, net of fuel surcharges and MW Logistics, LLC (MWL) revenue, improved 1.2% to \$127.5 million in the 2014 quarter from \$126.0 million in the 2013 quarter. Fuel surcharge revenue increased to \$31.9 million in the first quarter of 2014 from \$31.7 million in the 2013 quarter. With the March 2013 deconsolidation of MWL, no MWL revenue was included in the first quarter of 2014 compared with \$6.7 million in the 2013 quarter.

Operating expenses as a percentage of operating revenue, with both amounts net of fuel surcharge revenue, increased to 93.2% in the first quarter of 2014 from 90.6% in the first quarter of 2013. A reduction in the gain on disposition of revenue equipment and an increase in supplies and maintenance compared with the first quarter of 2013 increased the 2014 ratio by 210 basis points.

"Our results reflect the impact of the severe weather conditions that greatly hindered each of our operating segments in this year's first quarter," said Chairman and Chief Executive Officer Randolph L. Marten. "The conditions were unusually harsh and widespread, significantly affecting both freight volumes and operating costs."

"However, we are better positioned than ever for the remainder of 2014 and beyond based on the current freight environment and the continued improvements we are driving in freight network efficiencies within our diverse service infrastructure. As evidence of this, despite tough conditions we still increased our tractor utilization and improved our revenue per tractor 3.9% over the first quarter of 2013."

"We are pleased to again be named to Forbes magazine's list of America's 100 Most Trustworthy Companies, making us one of only four companies to be named for the fourth time in the last five years surveyed." GMI Ratings compiled the list for Forbes by evaluating more than 8,000 U.S. exchange-listed companies with market capitalizations of at least \$250 million and recognized the 100 companies with the top Accounting and Governance Risk scores, which assess the integrity, transparency and reliability of companies' financial reporting and governance practices.

Marten Transport, with headquarters in Mondovi, Wis., is one of the leading temperature-sensitive truckload carriers in the United States. Marten specializes in transporting and distributing food and other consumer packaged goods that require a temperature-controlled or insulated environment. Marten offers service in the United States, Canada and Mexico, concentrating on expedited movements for high-volume customers. Marten's common stock is traded on the Nasdaq Global Select Market under the symbol MRTN.

Since 2004, Marten Transport's results and consolidated financial statements have included the accounts of MWL, a third-party provider of logistics services to the transportation industry. On March 28, 2013, a member of MWL made a capital contribution to MWL. Accordingly, effective as of that date, Marten

was no longer the primary beneficiary, deconsolidated MWL and started accounting for its ownership interest in MWL under the equity method of accounting.

This press release contains certain statements that may be considered forward-looking statements within the meaning of Section 27A of the Securities Act of 1933, as amended, and Section 21E of the Securities Exchange Act of 1934, as amended. These statements by their nature involve substantial risks and uncertainties, and actual results may differ materially from those expressed in such forward-looking statements. Important factors known to the Company that could cause actual results to differ materially from those discussed in the forward-looking statements are discussed in Item 1A of the Company's Annual Report on Form 10-K for the year ended December 31, 2013. The Company undertakes no obligation to correct or update any forward-looking statements, whether as a result of new information, future events or otherwise.

CONTACTS: Tim Kohl, President, and Jim Hinnendael, Chief Financial Officer, of Marten Transport, Ltd., 715-926-4216.

MARTEN TRANSPORT, LTD. CONSOLIDATED CONDENSED BALANCE SHEETS (Unaudited)

(In thousands, except share information)	March 31, 2014		December 31, 2013	
ASSETS				
Current assets:				
Cash and cash equivalents	\$	19,315	\$	13,650
Receivables:				
Trade, net		70,306		70,869
Other		2,212		4,142
Prepaid expenses and other		13,366		15,274
Deferred income taxes		3,479		3,415
Total current assets		108,678		107,350
Property and equipment:				
Revenue equipment, buildings and land,				
office equipment and other		596,031		579,925
Accumulated depreciation		(171,886)		(164,916)
Net property and equipment		424,145		415,009
Other assets		3,489		3,443
TOTAL ASSETS	\$	536,312	\$	525,802
LIABILITIES AND STOCKHOLDERS' EQUITY Current liabilities:				
Accounts payable and accrued liabilities	\$	42,467	\$	38,624
Insurance and claims accruals		14,847		14,404
Total current liabilities		57,314		53,028
Deferred income taxes		114,777		113,637
Total liabilities		172,091		166,665
Stockholders' equity: Preferred stock, \$.01 par value per share; 2,000,000 shares authorized; no shares				
issued and outstanding Common stock, \$.01 par value per share; 48,000,000 shares authorized; 33,349,150 shares at March 31, 2014, and 33,301,048 shares at		-		-
December 31, 2013, issued and outstanding		333		333
Additional paid-in capital		85,708		85,077
Retained earnings		278,180		273,727
Total stockholders' equity		364,221		359,137
TOTAL LIABILITIES AND		JUT,221		557,131
STOCKHOLDERS' EQUITY	\$	536,312	\$	525,802

MARTEN TRANSPORT, LTD. CONSOLIDATED CONDENSED STATEMENTS OF OPERATIONS (Unaudited)

	Three Months Ended March 31,			
(In thousands, except per share information)	2014	2013		
OPERATING REVENUE	\$ 159,409	\$ 164,474		
OPERATING EXPENSES (INCOME):				
Salaries, wages and benefits	43,732	42,125		
Purchased transportation	28,130	34,184		
Fuel and fuel taxes	39,826	40,323		
Supplies and maintenance	10,435	9,533		
Depreciation	16,371	15,688		
Operating taxes and licenses	1,713	1,770		
Insurance and claims	6,125	5,811		
Communications and utilities	1,433	1,283		
Gain on disposition of revenue equipment	(663)	(2,415)		
Other	3,667	3,634		
Total operating expenses	150,769	151,936		
OPERATING INCOME	8,640	12,538		
OTHER	(98)	(15)		
INCOME BEFORE INCOME TAXES	8,738	12,553		
Less: Income before income taxes attributable to noncontrolling interest		84		
INCOME BEFORE INCOME TAXES				
ATTRIBUTABLE TO MARTEN TRANSPORT, LTD.	8,738	12,469		
TRANSFORT, LTD.	0,730	12,409		
PROVISION FOR INCOME TAXES	3,451	5,267		
NET INCOME	\$ 5,287	\$ 7,202		
BASIC EARNINGS PER COMMON SHARE	<u>\$ 0.16</u>	\$ 0.22		
DILUTED EARNINGS PER COMMON SHARE	\$ 0.16	\$ 0.22		
DIVIDENDS DECLARED PER COMMON SHARE	\$ 0.025	\$ 0.017		

MARTEN TRANSPORT, LTD. SEGMENT INFORMATION (Unaudited)

			Dollar	Percentage	
			Change	Change	
	Three I	Months	Three Months	Three Months	
	Enc	ded	Ended	Ended	
	Marc	ch 31,	March 31,	March 31,	
(Dollars in thousands)	2014	2013	2014 vs. 2013	2014 vs. 2013	
Operating revenue:				<u> </u>	
Truckload revenue, net of fuel surcharge					
revenue	\$ 97,530	\$ 94,965	\$ 2,565	2.7%	
Truckload fuel surcharge revenue	26,534	26,769	(235)	(0.9)	
Total Truckload revenue	124,064	121,734	2,330	1.9	
Logistics revenue, net of intermodal fuel					
surcharge revenue	30,009	37,760	(7,751)	(20.5)	
Intermodal fuel surcharge revenue	5,336	4,980	356	7.1	
Total Logistics revenue	35,345	42,740	(7,395)	(17.3)	
Total operating revenue	\$ 159,409	\$ 164,474	\$ (5,065)	(3.1)%	
Operating income:					
Truckload	\$ 7,500	\$ 10,000	\$ (2,500)	(25.0)%	
Logistics	1,140	2,538	(1,398)	(55.1)	
Total operating income	\$ 8,640	\$ 12,538	\$ (3,898)	(31.1)%	
Operating ratio:					
Truckload	94.0%	91.8%			
Logistics	96.8	94.1			
Consolidated operating ratio	94.6%	92.4%			

MARTEN TRANSPORT, LTD. OPERATING STATISTICS (Unaudited)

	Three Months Ended March 31,			
	2014		2013	
Truckload Segment:				
Total Truckload revenue (in thousands)	\$ 124,064	\$	121,734	
Average truckload revenue, net of fuel surcharges, per				
tractor per week ⁽¹⁾	\$ 3,500	\$	3,368	
Average tractors ⁽¹⁾	2,167		2,193	
Average miles per trip	616		627	
Non-revenue miles percentage ⁽²⁾ Total miles – company-employed drivers (in thousands)	8.5%		10.7%	
Total miles – company-employed drivers (in thousands) Total miles – independent contractors (in thousands)	54,362		54,895 941	
Total filles – independent contractors (in thousands)	1,057		941	
Logistics Segment:				
Total Logistics revenue (in thousands)	\$ 35,345	\$	42,740	
Brokerage:				
Marten Transport				
Revenue (in thousands)	\$ 11,655	\$	14,469	
Loads	7,708		9,430	
MWL				
Revenue (in thousands)	\$ -	\$	6,676	
Loads	-		3,758	
Intermodal:				
Revenue (in thousands)	\$ 23,690	\$	21,595	
Loads	10,523		8,590	
Average tractors	98		78	
At March 31, 2014 and March 31, 2013:				
Total tractors ⁽¹⁾	2,275		2,256	
Average age of company tractors (in years)	1.9		1.8	
Total trailers	4,163		4,115	
Average age of company trailers (in years)	2.5		2.4	
Ratio of trailers to tractors ⁽¹⁾	1.8		1.8	
	Three Months			
	Ended March 31,			
(In thousands)	 2014	1417	2013	
Net cash provided by operating activities	\$ 27,508	\$	21,994	
Net cash used for investing activities	21,384		13,085	
Weighted average charge outstanding				
Weighted average shares outstanding: Basic	33,340		22 192	
Diluted	33,631		33,182 33,322	
Dilucu	33,031		33,344	

- (1) Includes tractors driven by both company-employed drivers and independent contractors. Independent contractors provided 41 and 49 tractors as of March 31, 2014, and 2013, respectively.
- (2) Represents the percentage of miles for which the company is not compensated.