MARTEN TRANSPORT ANNOUNCES FOURTH QUARTER AND YEAR END RESULTS

Reports highest net income in Company history on 10.6% increase in 2013

Marten Transport, Ltd. (Nasdaq/GS:MRTN) today reported the highest net income for any year in its history. For the year ended December 31, 2013, net income improved 10.6% to a record \$30.1 million, or 90 cents per diluted share, from \$27.3 million, or 82 cents per diluted share, in 2012. For the fourth quarter of 2013, net income decreased to \$7.3 million, or 22 cents per diluted share, from \$7.7 million, or 23 cents per diluted share, in the fourth quarter of 2012.

Operating revenue, consisting of revenue from truckload and logistics operations, decreased slightly to \$166.2 million in the fourth quarter of 2013 from \$166.4 million in the fourth quarter of 2012, and increased to \$659.2 million in 2013 from \$638.5 million in 2012. Operating revenue, net of fuel surcharges and MW Logistics, LLC (MWL) revenue, increased 5.6% to \$134.5 million in the 2013 quarter from \$127.4 million in the 2012 quarter, and increased 7.8% to \$524.8 million in 2013 from \$486.7 million in 2012. Fuel surcharge revenue decreased to \$31.7 million in the fourth quarter of 2013 from \$32.2 million in the 2012 quarter, and increased to \$127.7 million in 2013 from \$121.1 million in 2012. With the March 2013 deconsolidation of MWL, no MWL revenue was included in the fourth quarter of 2013 compared with \$6.7 million in the 2012 quarter. MWL revenue included in 2013 decreased by \$24.0 million from 2012 with the deconsolidation.

Operating expenses as a percentage of operating revenue, with both amounts net of fuel surcharge revenue, was 90.6% in the fourth quarter of 2013, compared to the 90.2% ratio achieved in the fourth quarter of 2012. The ratio improved to 90.2% in 2013 from 91.1% in 2012. The ratio in 2013 was the Company's best since 2005 and the fourth consecutive year with improved results.

Chairman and Chief Executive Officer Randolph L. Marten said, "We are pleased to announce our highest net income for any year in our history. These results were earned in a challenging rate environment with significant industry headwinds including higher equipment and maintenance costs, pay inflation to drivers within a contracting driver market and revised hours of service regulations. We continued to grow our business with our total truckload, intermodal and broker loads up 7.5% in the fourth quarter of 2013 and up 10.2% in 2013 over the prior year's periods – and expect continued growth in 2014, principally with our dedicated truckload, intermodal and Mexico operations. We also continue to drive improvements in revenue per tractor, which increased 3.9% in the fourth quarter of 2013 and 3.8% in 2013 over the prior year's periods. We believe that we are better positioned than ever for future performance growth with our diverse service infrastructure and the dedicated people who have built it with their smart, hard work.

"We are also pleased to have received a 2013 SmartWay Excellence Award from the U.S. Environmental Protection Agency. The Excellence Award is reserved for the top one percent of SmartWay Partners and recognizes industry leadership in freight supply chain environmental performance and energy efficiency."

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, 2012. 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)

	December 31,	December 31,		
(In thousands, except share information)	2013	2012		
ASSETS				
Current assets:				
Cash and cash equivalents	\$ 13,650	\$ 3,473		
Receivables:				
Trade, net	70,869	66,239		
Other	4,142	7,177		
Prepaid expenses and other	15,274	15,490		
Deferred income taxes	3,415	3,155		
Total current assets	107,350	95,534		
Property and equipment:				
Revenue equipment, buildings and land,				
office equipment and other	579,925	551,136		
Accumulated depreciation	(164,916)	(156,660)		
Net property and equipment	415,009	394,476		
Other assets	3,443	613		
TOTAL ASSETS	\$ 525,802	\$ 490,623		
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Accounts payable and accrued liabilities	\$ 38,624	\$ 33,062		
Insurance and claims accruals	14,404	13,838		
Total current liabilities	53,028	46,900		
Long-term debt, less current maturities	-	2,726		
Deferred income taxes	113,637	109,074		
Total liabilities	166,665	158,700		
Qu. 11 .11		·		
Stockholders' equity:				
Marten Transport, Ltd. 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; 33,301,048 shares				
at December 31, 2013, and 33,164,428 shares at				
December 31, 2012, issued and outstanding	333	332		
Additional paid-in capital	85,077	82,679		
Retained earnings	273,727	246,34 <u>9</u>		
•				
Total Marten Transport, Ltd. stockholders' equity	359,137	329,360		
Noncontrolling interest	250 127	<u>2,563</u>		
Total stockholders' equity	359,137	331,923		
TOTAL LIABILITIES AND STOCKHOLDERS' EQUITY	\$ 525,802	\$ 490,623		

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

Three Months Ended December 31,			Year Ended December 31,			
(In thousands, except per share information)	2013	2012	2013	2012		
OPERATING REVENUE	\$ 166,224	\$ 166,412		\$ 638,456		
	- 100,22 .	Ψ 100,:12	\$ 352,=1 .	- 000,.00		
OPERATING EXPENSES (INCOME):	12.524	42.221	171 214	162 040		
Salaries, wages and benefits	43,534	43,221	171,314	163,242		
Purchased transportation	30,987	32,248	123,436	124,269		
Fuel and fuel taxes	39,804	41,937	163,270	163,596		
Supplies and maintenance	10,755	9,961	40,582	39,919		
Depreciation	16,321 1,704	15,790	64,476	60,904		
Operating taxes and licenses Insurance and claims	,	1,848	7,110	6,741		
Communications and utilities	6,321	4,902	23,681	20,718 4,939		
	1,362	1,302 (1,249)	5,212 (5,972)	(5,302)		
Gain on disposition of revenue equipment Other	(848) 3,601		* * * * * * * * * * * * * * * * * * * *			
Other		3,241	14,110	13,577		
Total operating expenses	153,541	153,201	607,219	592,603		
OPERATING INCOME	12,683	13,211	51,995	45,853		
OTHER	(94)	(8)	(392)	(48)		
INCOME BEFORE INCOME TAXES	12,777	13,219	52,387	45,901		
Less: Income before income taxes attributable to noncontrolling interest		30	84	497		
INCOME BEFORE INCOME TAXES						
ATTRIBUTABLE TO MARTEN TRANSPORT, LTD.	12,777	13,189	52,303	45,404		
PROVISION FOR INCOME TAXES	5,476	5,470	22,156	18,137		
NET INCOME	\$ 7,301	\$ 7,719	\$ 30,147	\$ 27,267		
BASIC EARNINGS PER COMMON SHARE	\$ 0.22	\$ 0.23	\$ 0.91	\$ 0.82		
DILUTED EARNINGS PER COMMON SHARE	\$ 0.22	\$ 0.23	\$ 0.90	\$ 0.82		
DIVIDENDS PAID PER COMMON SHARE	\$ 0.025	\$ 0.517	\$ 0.083	\$ 0.563		

MARTEN TRANSPORT, LTD. SEGMENT INFORMATION (Unaudited)

			Dollar	Percentage		
			Change	Change		
	Three N	Months	Three Months	Three Months		
	End	led	Ended	Ended		
	Decem	ber 31,	December 31,	December 31,		
(Dollars in thousands)	2013	2012	2013 vs. 2012	2013 vs. 2012		
Operating revenue:						
Truckload revenue, net of fuel surcharge						
revenue	\$ 102,218	\$ 98,099	\$ 4,119	4.2%		
Truckload fuel surcharge revenue	26,195	27,635	(1,440)	(5.2)		
Total Truckload revenue	128,413	125,734	2,679	2.1		
Logistics revenue, net of intermodal fuel						
surcharge revenue	32,308	36,071	(3,763)	(10.4)		
Intermodal fuel surcharge revenue	5,503	4,607	896	19.4		
Total Logistics revenue	37,811	40,678	(2,867)	(7.0)		
Total operating revenue	\$ 166,224	\$ 166,412	\$ (188)	(0.1)%		
Operating income:						
Truckload	\$ 11,222	\$ 10,766	\$ 456	4.2%		
Logistics	1,461	2,445	(984)	(40.2)		
Total operating income	\$ 12,683	\$ 13,211	\$ (528)	(4.0)%		
Operating ratio:						
Truckload	91.3 %	91.4%				
Logistics	96.1	94.0				
Consolidated operating ratio	92.4 %	92.1%				

MARTEN TRANSPORT, LTD. SEGMENT INFORMATION (Unaudited)

			Dollar	Percentage		
			Change	Change		
	Ye	ear	Year	Year		
	End	led	Ended	Ended		
	Decem	ber 31,	December 31,	December 31,		
(Dollars in thousands)	2013	2012	2013 vs. 2012	2013 vs. 2012		
Operating revenue:						
Truckload revenue, net of fuel surcharge						
revenue	\$ 400,324	\$ 378,383	\$ 21,941	5.8%		
Truckload fuel surcharge revenue	106,955	104,940	2,015	1.9		
Total Truckload revenue	507,279	483,323	23,956	5.0		
Logistics revenue, net of intermodal fuel						
surcharge revenue	131,186	138,960	(7,774)	(5.6)		
Intermodal fuel surcharge revenue	20,749	16,173	4,576	28.3		
Total Logistics revenue	151,935	155,133	(3,198)	(2.1)		
Total operating revenue	\$ 659,214	\$ 638,456	\$ 20,758	3.3%		
Operating income:						
Truckload	\$ 44,865	\$ 36,805	\$ 8,060	21.9%		
Logistics	7,130	9,048	(1,918)	(21.2)		
Total operating income	\$ 51,995	\$ 45,853	\$ 6,142	13.4%		
Operating ratio:						
Truckload	91.2%	92.4%				
Logistics	95.3	94.2				
Consolidated operating ratio	92.1 %	92.8%				

MARTEN TRANSPORT, LTD. OPERATING STATISTICS (Unaudited)

	Three Months			Year				
		Ended December 31,		Ended December				
m 11 10		2013		2012	_	2013		2012
Truckload Segment:	Ф	100 412	Ф	105 724	¢.	507.270	Ф	102 222
Total Truckload revenue (in thousands)	\$	128,413	\$	125,734	\$	507,279	\$	483,323
Average truckload revenue, net of fuel surcharges, per	¢	2 522	¢	2 290	\$	2 165	\$	2 220
tractor per week ⁽¹⁾ Average tractors ⁽¹⁾	\$	3,522 2,209	\$	3,389 2,202	Ф	3,465 2,216	Ф	3,339 2,167
Average miles per trip		596		623		603		624
Non-revenue miles percentage ⁽²⁾		9.4%		11.4%		10.3%		11.3%
Total miles – company-employed drivers (in thousands)		55,982		56,042		225,194		215,742
Total miles – independent contractors (in thousands)		1,315		897		4,974		4,583
Logistics Segment:								
Total Logistics revenue (in thousands)	\$	37,811	\$	40,678	\$	151,935	\$	155,133
Brokerage:								
Marten Transport								
Revenue (in thousands)	\$,	\$	13,421	\$	52,746	\$	53,161
Loads		8,673		8,403		35,140		32,533
MWL								
Revenue (in thousands)	\$	-	\$	6,742	\$	6,676	\$	30,648
Loads		-		3,641		3,758		16,120
Intermodal:								
Revenue (in thousands)	\$	24,961	\$	20,515	\$	92,513	\$	71,324
Loads		10,973		7,961		38,316		27,488
Average tractors		89		73		83		63
At December 31, 2013 and December 31, 2012:								
Total tractors ⁽¹⁾		2,255		2,252				
Average age of company tractors (in years)		1.9		2.0				
Total trailers		4,105		4,170				
Average age of company trailers (in years)		2.4		2.2				
Ratio of trailers to tractors ⁽¹⁾		1.8		1.9				
	Three Months Ended December 31,			Year				
				Ended December 31,			er 31.	
(In thousands)		2013		2012	_	2013		2012
Net cash provided by operating activities	\$	23,338	\$	22,750	\$	89,187	\$	85,539
Net cash used for investing activities		9,994		10,509		74,722		88,115
Weighted average shares outstanding:								
Basic		33,265		33,125		33,221		33,095
Diluted		33,525		33,235		33,429		33,225

⁽¹⁾ Includes tractors driven by both company-employed drivers and independent contractors. Independent contractors provided 49 and 36 tractors as of December 31, 2013, and 2012, respectively.

⁽²⁾ Represents the percentage of miles for which the company is not compensated.