#### MARTEN TRANSPORT ANNOUNCES RECORD FOURTH-QUARTER RESULTS

Net income improves 47.1% from 2010 quarter on 15.9% increase in operating revenue

Marten Transport, Ltd. (Nasdaq:MRTN) today reported net income of \$7.7 million for the fourth quarter ended December 31, 2011, a 47.1% increase from \$5.2 million a year earlier and the highest net income for any quarter in the Company's history. Earnings per diluted share were 35 cents, compared with 24 cents for the fourth quarter of 2010. It was the Company's seventh consecutive year-over-year increase in quarterly profitability.

For 2011, net income increased 23.0% to \$24.3 million, or \$1.10 per diluted share, compared with \$19.7 million, or 90 cents per diluted share, in 2010.

Operating revenue, consisting of revenue from truckload and logistics operations, increased 15.9% to \$158.3 million in the fourth quarter of 2011 from \$136.6 million in the 2010 quarter. For 2011, operating revenue increased 16.8% to \$603.7 million from \$516.9 million in 2010.

Operating revenue, net of fuel surcharges, increased 11.3% to \$128.8 million in the 2011 quarter from \$115.8 million in the 2010 quarter, and increased 11.3% to \$490.7 million in 2011 from \$441.0 million in 2010. Reflecting substantially higher fuel prices, fuel surcharges increased to \$29.5 million for the fourth quarter of 2011 from \$20.8 million in the 2010 quarter, and increased to \$113.0 million for 2011 from \$75.9 million for 2010.

Operating expenses as a percentage of operating revenue, with both amounts net of fuel surcharge revenue, improved to 89.9% for the fourth quarter of 2011 from 92.2% for the fourth quarter of 2010, and improved to 91.2% for 2011 from 92.0% for 2010.

"We are pleased that our long-term strategic planning is driving our continued profitability growth," said Randolph L. Marten, Chairman and Chief Executive Officer. "Over the past year, we have emphasized developing a diverse customer base that gains value from and expands each of our operating units. Our logistics revenue, net of intermodal fuel surcharges, grew by \$17.7 million, or 15.3%, this year. Our expanding regional operations contributed to a 6.5% increase over last year in our average truckload revenue per tractor per week, net of fuel surcharges – our main measure of asset productivity. We have increased our regional operations to 64.7% of our truckload fleet as of December 31, 2011, from 51.8% as of a year earlier."

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.

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, 2010. 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)	December 31, 2011		December 31, 2010	
ASSETS				
Current assets:				
Cash and cash equivalents	\$	20,821	\$	5,306
Marketable securities		-		138
Receivables:				
Trade, net		59,385		51,094
Other		3,430		12,968
Prepaid expenses and other		15,426		13,406
Deferred income taxes		2,738		4,794
Total current assets		101,800		87,706
Property and equipment:				
Revenue equipment, buildings and land,				
office equipment and other		523,974		515,622
Accumulated depreciation		(155,774)		(143,563)
Net property and equipment		368,200		372,059
Other assets		579		543
TOTAL ASSETS	\$	470,579	\$	460,308
LIABILITIES AND STOCKHOLDERS' EQUITY				
Current liabilities:				
Checks issued in excess of cash balances	\$	-	\$	1,066
Accounts payable and accrued liabilities		33,343		30,524
Insurance and claims accruals		13,042		17,653
Current maturities of long-term debt		-		19,346
Total current liabilities		46,385		68,589
Deferred income taxes		103,835		95,815
Total liabilities		150,220		164,404
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; 21,984,597 shares				
at December 31, 2011, and 21,950,252 shares at				
December 31, 2010, issued and outstanding		220		220
Additional paid-in capital		80,078		78,428
Retained earnings		237,872		215,345
Total Marten Transport, Ltd. stockholders' equity		318,170		293,993
Noncontrolling interest		2,189		1,911
Total stockholders' equity		320,359		295,904
TOTAL LIABILITIES AND		320,337		<u> </u>
	Ф	470,579	\$	460,308
STOCKHOLDERS' EQUITY	Φ	410,319	Þ	400,308

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

	Three 1	Months	Year				
	Ended Dec	cember 31,	Ended December 31,				
(In thousands, except per share information)	2011	2010	2011	2010			
OPERATING REVENUE	\$ 158,340	\$ 136,572	\$ 603,679 \$	516,920			
OPERATING EXPENSES (INCOME):							
Salaries, wages and benefits	39,359	34,366	147,646	131,519			
Purchased transportation	30,970	30,028	120,332	110,408			
Fuel and fuel taxes	39,750	30,609	155,595	114,927			
Supplies and maintenance	9,845	9,335	40,311	35,218			
Depreciation	15,173	13,383	57,531	51,916			
Operating taxes and licenses	1,796	1,638	6,373	6,222			
Insurance and claims	4,840	4,324	18,170	16,573			
Communications and utilities	1,209	954	4,605	3,964			
Gain on disposition of revenue equipment	(981)	(298)	(3,800)	(1,110)			
Other	3,428	3,157	13,886	11,994			
				7			
Total operating expenses	145,389	127,496	560,649	481,631			
OPERATING INCOME	12,951	9,076	43,030	35,289			
NET INTEREST (INCOME) EXPENSE	(18)	10	(24)	(26)			
INCOME BEFORE INCOME TAXES	12,969	9,066	43,054	35,315			
Less: Income before income taxes							
attributable to noncontrolling interest	99	266	807	631			
INCOME BEFORE INCOME TAXES							
ATTRIBUTABLE TO MARTEN							
TRANSPORT, LTD.	12,870	8,800	42,247	34,684			
PROVISION FOR INCOME TAXES	5,207	3,590	17,962	14,942			
NET INCOME	\$ 7,663	\$ 5,210	<u>\$ 24,285 \$</u>	19,742			
BASIC EARNINGS PER COMMON SHARE	\$ 0.35	\$ 0.24	\$ 1.10 \$	0.90			
DADIC EARNINGS FER COIVIVION SHARE	<u>φ 0.33</u>	φ 0.24	ф 1.10 Ф	0.90			
DILUTED EARNINGS PER COMMON SHARE	\$ 0.35	\$ 0.24	<u>\$ 1.10 \$</u>	0.90			
DIVIDENDS PAID PER COMMON SHARE	\$ 0.02	\$ 0.02	\$ 0.08 \$	0.04			

### MARTEN TRANSPORT, LTD. SEGMENT INFORMATION (Unaudited)

			Dollar	Percentage		
	T71 X	f 1	Change	Change		
	Three M		Three Months	Three Months		
	End		Ended	Ended		
	Decemb		December 31,	December 31,		
(Dollars in thousands)	2011	2010	2011 vs. 2010	2011 vs. 2010		
Operating revenue:						
Truckload revenue, net of fuel surcharge						
revenue	\$ 94,174	\$ 82,935	\$ 11,239	13.6 %		
Truckload fuel surcharge revenue	25,597	18,292	7,305	39.9		
Total Truckload revenue	119,771	101,227	18,544	18.3		
Logistics revenue, net of intermodal fuel						
surcharge revenue	34.669	32,859	1,810	5.5		
Intermodal fuel surcharge revenue	3,900	2,486	1,414	56.9		
Total Logistics revenue	38,569	35,345	3,224	9.1		
Total Logistics Tevende	30,307	33,313	3,221	<i>7.</i> 1		
Total operating revenue	\$ 158,340	\$ 136,572	\$ 21,768	15.9%		
Operating income:						
Truckload	\$ 11,201	\$ 6,921	\$ 4,280	61.8%		
Logistics	1.750	2,155	(405)	(18.8)		
Total operating income	\$ 12,951	\$ 9,076	\$ 3,875	42.7%		
Operating ratio:						
Truckload	90.6%	93.2%		(2.8)%		
Logistics	95.5	93.9		1.7		
Consolidated operating ratio	91.8%	93.4%		(1.7)%		

## MARTEN TRANSPORT, LTD. SEGMENT INFORMATION (Unaudited)

			Dollar	Percentage	
			Change	Change	
	Ye	ar	Year	Year	
	End	led	Ended	Ended	
	Decemb	per 31,	December 31,	December 31,	
(Dollars in thousands)	2011	2010	2011 vs. 2010	2011 vs. 2010	
Operating revenue:	•				
Truckload revenue, net of fuel surcharge					
revenue	\$ 357,787	\$ 325,791	\$ 31,996	9.8 %	
Truckload fuel surcharge revenue	98,060	66,973	31,087	46.4	
Total Truckload revenue	455,847	392,764	63,083	16.1	
Logistics revenue, net of intermodal fuel					
surcharge revenue	132,890	115,223	17,667	15.3	
Intermodal fuel surcharge revenue	14,942	8,933	6,009	67.3	
Total Logistics revenue	147,832	124,156	23,676	19.1	
Total operating revenue	\$ 603,679	\$ 516,920	\$ 86,759	16.8%	
Operating income:					
Truckload	\$ 35,298	\$ 28,680	\$ 6,618	23.1%	
Logistics	7,732	6,609	1,123	17.0	
Total operating income	\$ 43,030	\$ 35,289	\$ 7,741	21.9%	
Operating ratio:					
Truckload	92.3 %	92.7%		(0.4)%	
Logistics	94.8	94.7		0.1	
Consolidated operating ratio	92.9 %	93.2%		(0.3)%	

#### MARTEN TRANSPORT, LTD. OPERATING STATISTICS (Unaudited)

	Three Months			Year				
		Ended December 31,		Ended December 3				
	201	1		2010		2011		2010
Truckload Segment: Total Truckload revenue (in thousands)	\$ 119,	771	\$	101,227	\$	455,847	\$	392,764
Average truckload revenue, net of fuel surcharges, per	Φ 2	210	Φ	2.010	Φ	2.162	Φ	2.060
tractor per week <sup>(1)</sup>		219	\$	3,010	\$	3,162	\$	2,968
Average tractors <sup>(1)</sup>		226		2,096		2,170		2,105
Average miles per trip		617		630		626		655
Non-revenue miles percentage <sup>(2)</sup>		0.6%		10.1%		10.8%		9.6%
Total miles – company-employed drivers (in thousands)		753		48,754		202,836		193,342
Total miles – independent contractors (in thousands)	1,	253		2,422		6,841		13,776
Logistics Segment:								
Total Logistics revenue (in thousands)	\$ 38,	569	\$	35,345	\$	147,832	\$	124,156
Brokerage:								
Marten Transport								
Revenue (in thousands)	\$ 12,	559	\$	12,524	\$	48,354	\$	41,219
Loads	6,	927		6,042		25,412		21,896
MWL								
Revenue (in thousands)	\$ 9,	009	\$	9,926	\$	34,463	\$	35,247
Loads	4,	015		4,355		17,194		18,704
Intermodal:								
Revenue (in thousands)	\$ 17,	001	\$	12,895	\$	65,015	\$	47,690
Loads	6,	238		5,395		24,302		20,150
Average tractors		79		68		75		67
At December 31, 2011 and December 31, 2010:								
Total tractors <sup>(1)</sup>	2,	281		2,146				
Average age of company tractors (in years)		2.6		2.5				
Total trailers	4,	124		3,928				
Average age of company trailers (in years)		2.4		2.8				
Ratio of trailers to tractors <sup>(1)</sup>		1.8		1.8				
	Three Months Ended December 31,				37.			
				Year Ended December 31,			. 21	
(In the			embe		_		embe	
(In thousands)	201	1		2010	_	2011		2010
Net cash provided by operating activities	\$ 25,	462	\$	18,609	\$	86,206	\$	64,522
Net cash used for investing activities		199		9,872		48,271		81,181
Weighted average shares outstanding:								
Basic	21,	985		21,945		21,979		21,927
Diluted	22,	062		22,063		22,075		22,031

<sup>(1)</sup> Includes tractors driven by both company-employed drivers and independent contractors. Independent contractors provided 48 and 86 tractors as of December 31, 2011, and 2010, respectively.

<sup>(2)</sup> Represents the percentage of miles for which the company is not compensated.