UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Form 8-K

CURRENT REPORT

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

Date of report (Date of earliest event reported): January 24, 2007

Kirby Corporation

(Exact name of registrant as specified in its charter)

Nevada

(State or other jurisdiction of incorporation or organization)

1-7615

(Commission File Number)

74-1884980

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

55 Waugh Drive, Suite 1000 Houston, Texas

(Address of principal executive offices)

77007 (Zip Code)

Registrant's telephone number, including area code: (713) 435-1000

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions:

- o Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)
- o Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)
- o Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))
- o Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Item 2.02. Results of Operations and Financial Condition

On January 24, 2007, Kirby Corporation ("Kirby") issued a press release announcing earnings for the three months and year ended December 31, 2006. A copy of the press release is attached as Exhibit 99.1 to this report.

EBITDA, a non-GAAP financial measure, is used in the press release. Kirby defines EBITDA as net earnings before interest expense, taxes on income, depreciation and amortization. Kirby has historically evaluated its operating performance using numerous measures, one of which is EBITDA is presented because of its wide acceptance as a financial indicator. EBITDA is one of the performance measures used in Kirby's incentive bonus plan. EBITDA is also used by rating agencies in determining Kirby's credit rating and by analysts publishing research reports on Kirby, as well as by investors and investment bankers generally in valuing companies. A quantitative reconciliation of EBITDA to GAAP net earnings for the 2006 and 2005 fourth quarters and full years is included in the press release.

Item 9.01. Financial Statements and Exhibits

(c) Exhibits:

99.1 Press release dated January 24, 2007

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 undersithereunto duly authorized.

KIRBY CORPORATION (Registrant)

By: /s/ Norman W. Nolen

Norman W. Nolen

Executive Vice President, Treasurer and Chief Financial

secutive Vice President, Treasurer and Chief Financ Officer

Dated: January 25, 2007



KIRBY CORPORATION

Contact: Steve Holcomb 713-435-1135

FOR IMMEDIATE RELEASE

KIRBY CORPORATION ANNOUNCES RECORD 2006 FOURTH QUARTER AND YEAR RESULTS

- 2006 fourth quarter earnings per share were \$.45, an 18% increase compared with \$.38 earned in the 2005 fourth quarter, despite a 31% increase in weather and navigational delays
- 2006 year earnings per share were \$1.79, a 35% increase compared with \$1.33 earned in the 2005 year
- 2007 first quarter earnings per share guidance is \$.40 to \$.45 versus \$.43 earned in the 2006 first quarter
- 2007 year earnings per share guidance is \$1.95 to \$2.10 versus \$1.79 earned in the 2006 year

Houston, Texas (January 24, 2007) - Kirby Corporation ("Kirby") (NYSE:KEX) today announced record net earnings for the fourth quarter ended December 31, 2006 of \$23,938,000, or \$.45 per share, compared with \$19,770,000, or \$.38 per share, for the fourth quarter of 2005. Consolidated revenues for the 2006 fourth quarter were \$251,411,000, an 18% increase compared with \$213,261,000 for the 2005 fourth quarter.

Kirby reported record net earnings for the 2006 year of \$95,451,000, or \$1.79 per share, compared with \$68,781,000, or \$1.33 per share, for 2005. Consolidated revenues for the 2006 year were \$984,218,000, a 24% increase compared with \$795,722,000 for 2005.

Marine transportation revenues and operating income for the 2006 fourth quarter increased 9% and 10%, respectively, compared with the fourth quarter of 2005. For the 2006 year, revenues and operating income increased 18% and 28%, respectively, compared with 2005. The marine transportation operating margin for the 2006 fourth quarter was 19.4% compared with 19.3% for the fourth quarter of 2005. For the 2006 year, the operating margin improved to 19.0% compared with 17.4% for 2005.

The results for both periods reflected continued strong petrochemical, black oil products and refined products volumes and higher contract rate renewals. The 2006 fourth quarter results were negatively impacted by unfavorable winter weather conditions, principally fog and storm systems along the Gulf Coast during December. Delay days were 31% higher than the 2005 fourth quarter.

Diesel engine services revenues and operating income for the 2006 fourth quarter increased 77% and 139%, respectively, compared with the 2005 fourth quarter. For the 2006 year, revenues and operating income increased 61% and 105%, respectively, compared with 2005. The record diesel engine services results reflected the accretive acquisition of Global Power Holding Company ("Global") on June 7, 2006 and the acquisition of the assets of Marine Engine Specialists, Inc. ("MES") on July 21, 2006, as well as continued strong marine, offshore oil service, power generation and railroad markets. Higher service rates and parts pricing implemented during 2005 and 2006 also positively impacted the 2006 operating results. During the 2006 fourth quarter, the diesel engine services segment did experience some expected seasonal softness in the Gulf Coast high-speed market. The operating margin for the 2006 fourth quarter was 13.4%, significantly higher than the 9.9% margin earned in the 2005 fourth quarter. For 2006, the operating margin improved to 14.9% compared with 11.7% for 2005.

Commenting on the 2006 fourth quarter and 2007 first quarter, Joe Pyne, Kirby's President and Chief Executive Officer, said, "We are pleased with our fourth quarter performance despite record weather delays in December. Pricing continues to be strong in all our business segments. For the 2007 first quarter, we are forecasting net earnings per share in the \$.40 to \$.45 range compared with \$.43 for the 2006 first quarter. We have repeatedly advised that the unusually favorable winter weather conditions we experienced in the 2006 first quarter would make the comparison with our 2007 first quarter guidance and actual results difficult. Our 2007 first quarter guidance range reflects typical volatile winter weather conditions, which historically decrease operating efficiencies and increase delay days. For the 2007 year, our guidance range is \$1.95 to \$2.10 per share, compared with 2006 net earnings of \$1.79 per share. Capital spending guidance for 2007 is \$135 to \$145 million and includes approximately \$65 million for the construction of 26 tank barges and six towboats. Delivery is scheduled throughout 2007 and into early 2008."

This earnings press release includes marine transportation performance measures for both the 2006 and 2005 periods. The performance measures include ton miles, revenues per ton mile, towboats operated and delay days. Comparable performance measures for the 2005 and 2004 years and quarters are available at Kirby's web site under the caption Performance Measurements in the Investor Relations section. Kirby's homepage can be accessed by visiting www.kirbycorp.com.

A conference call is scheduled at 10:00 a.m. central time tomorrow, Thursday, January 25, 2007 to discuss the 2006 fourth quarter and year, and the outlook for the 2007 first quarter and year. The conference call number is 888-328-2514 for domestic callers and 706-679-3262 for international callers. The leader's name is Steve Holcomb. An audio playback will be available at 12:00 p.m. central time on January 25 through 6:00 p.m. on Friday, February 23, 2007, by dialing 800-642-1687 for domestic callers and 706-645-9291 for international callers. The conference ID number is 5997085. The conference call can also be accessed by visiting Kirby's homepage at http://www.kirbycorp.com/ or at http://audioevent.mshow.com/318630/. A replay will be available on each of those web sites following the conference call.

The financial and other information to be discussed in the conference call is available in this press release and in a Form 8-K filed with the Securities and Exchange Commission. This press release and the Form 8-K include a non-GAAP financial measure, EBITDA, which Kirby defines as net earnings before interest expense, taxes on income, depreciation and amortization. A reconciliation of EBITDA for the 2006 and 2005 fourth quarters and full years with GAAP net earnings for the same periods is included in the Condensed Consolidated Financial Information in this press release.

Kirby Corporation, based in Houston, Texas, operates inland tank barges and towing vessels, transporting petrochemicals, black oil products, refined petroleum products and agricultural chemicals throughout the United States inland waterway system. Kirby also owns and operates four ocean-going barge and tug units transporting dry-bulk commodities in United States coastwise trade. Through the diesel engine services segment, Kirby provides after-market service for large medium-speed and high-speed diesel engines and reduction gears used in marine, power generation and railroad applications.

Statements contained in this press release with respect to the future are forward-looking statements. These statements reflect management's reasonable judgment with respect to future events. Forward-looking statements involve risks and uncertainties. Actual results could differ materially from those anticipated as a result of various factors, including cyclical or other downturns in demand, significant pricing competition, unanticipated additions to industry capacity, changes in the Jones Act or in U.S. maritime policy and practice, fuel costs, interest rates, weather conditions, and timing, magnitude and number of acquisitions made by Kirby. Forward-looking statements are based on currently available information and Kirby assumes no obligation to update any such statements. A list of additional risk factors can be found in Kirby's annual report on Form 10-K for the year ended December 31, 2005, filed with the Securities and Exchange Commission.

CONFERENCE CALL INFORMATION

Date: Thursday, January 25, 2007 Leader: Steve Holcomb

 Time:
 10:00 a.m. central time
 Passcode:
 Kirby

 U.S.:
 888-328-2514
 Int'l:
 706-679-3262

Website: http://www.kirbycorp.com or <a href="http://www.kirbyco

CONDENSED CONSOLIDATED STATEMENTS OF EARNINGS

COMBENSE	<u>D CONSOLIDAI</u>	ED STATEMEN	1150	T L/IKIVIIVG5				
		Fourth Quarter			Year			
		2006		2005		2006		2005
		(unau	dited,	, \$ in thousands 6	except	per share amo	unts)	
Revenues:								
Marine transportation	\$	202,665	\$	185,788	\$	807,216	\$	685,999
Diesel engine services		48,746		27,473		177,002		109,723
		251,411		213,261		984,218	_	795,722
Costs and expenses:		201, 111		213,201		33 1,213		730,722
Costs of sales and operating expenses		159,954		136,796		631,334		515,255
Selling, general and administrative		28,128		23,861		107,728		88,648
Taxes, other than on income		2,947		2,972		12,826		12,270
Depreciation and amortization		17,102		14,735		64,396		57,405
Loss (gain) on disposition of assets		(239)		(397)		(1,436)		(2,360)
		207,892		177,967		814,848		671,218
		207,002		177,507		011,010		071,210
Operating income		43,519		35,294		169,370		124,504
Equity in earnings of marine affiliates		66		534		707		1,933
Loss on debt retirement		-		-		-		(1,144)
Other expense		(217)		(229)		(674)		(1,388)
Interest expense		(4,696)		(3,527)		(15,201)		(12,783)
		(,,,,,		(= /= /		(- , - ,		(,,
Earnings before taxes on income		38,672		32,072		154,202		111,122
Provision for taxes on income		(14,734)		(12,302)		(58,751)		(42,341)
Net earnings	\$	23,938	\$	19,770	\$	95,451	\$	68,781
5								<u> </u>
Net earnings per share of common stock:								
Basic	\$.46	\$.39	\$	1.82	\$	1.37
Diluted	\$.45	\$.38	\$	1.79	\$	1.33
Common stock outstanding (in thousands):								
Basic		52,610		51,072		52,476		50,224
Diluted		53,410		52,234		53,304		51,562
CONDENSI	ED CONSOLIDA	TED FINANCIA	L INI	FORMATION PROPERTY OF THE PROP				
		Fourth	Ouari	ter		Ve	ar	
		2006	Quar	2005		2006		2005
		-	udite	d, \$ in thousands	exce		ounts	
EBITDA: (1)		(-,		r - F		,
Net earnings	\$	23,938	\$	19,770	\$	95,451	\$	68,781
Interest expense	Ψ	4,696	-	3,527	-	15,201	7	12,783
Provision for taxes on income		14,734		12,302		58,751		42,341
Depreciation and amortization		17,102		14,735		64,396		57,405
	\$	60,470	\$	50,334	\$	233,799	\$	181,310
	<u> </u>	33,	_	30,331	_	_55,,55	_	
Capital expenditures	\$	29,015	\$	29,165	\$	139,129	\$	122,283
Acquisitions of businesses and marine equipment	\$	4,486	\$	500	\$	143,911	\$	7,500
requisitions of businesses and marine equipment	Φ	4,400	Ψ	300	Ψ	140,011	Ψ	7,500
						Decemb	er 31	,
								-

	 December 31,				
	2006		2005		
	(unaudited, \$	ısands)			
Long-term debt, including current portion	\$ 310,362	\$	200,036		
Stockholders' equity	\$ 631,995	\$	537,542		
Debt to capitalization ratio	32.9%)	27.1%		

MARINE TRANSPORTATION STATEMENTS OF EARNINGS

	 Fourth Quarter				Ye	ar	
	2006		2005		2006		2005
			(unaudited, \$	in thou	ısands)		
Marine transportation revenues	\$ 202,665	\$	185,788	\$	807,216	\$	685,999
Costs and expenses:							
Costs of sales and operating expenses	125,276		115,932		506,353		433,155
Selling, general and administrative	19,320		17,517		75,326		67,752
Taxes, other than on income	2,850		2,443		12,003		11,327
Depreciation and amortization	15,846		13,953		60,309		54,474
	163,292		149,845		653,991		566,708
Operating income	\$ 39,373	\$	35,943	\$	153,225	\$	119,291
				1			
Operating margins	19.4%	ó	19.3%	ó	19.0%	ó	17.4%

DIESEL ENGINE SERVICES STATEMENTS OF EARNINGS

		Fourth Quarter				Ye	ar			
		2006		2005		2006		2005		
		(unaudited, \$ in thousands)								
Diesel engine services revenues	\$	48,746	\$	27,473	\$	177,002	\$	109,723		
Costs and expenses:										
Costs of sales and operating expenses		34,678		20,864		124,971		82,095		
Selling, general and administrative		6,515		3,428		22,665		13,169		
Taxes, other than income		170		115		513		411		
Depreciation and amortization		841		333		2,479		1,174		
		42,204		24,740		150,628		96,849		
Operating income	<u>\$</u>	6,542	\$	2,733	\$	26,374	\$	12,874		
Operating margins		13.4%	, D	9.9%	, D	14.9%)	11.7%		

OTHER COSTS AND EXPENSES

	Fourtl	Fourth Quarter							
	2006	20	05	2006		2005			
		(unaudited, \$ in thousands)							
General corporate expenses	\$ 2,635	\$	3,779	\$ 11,665	\$	10,021			
Gain on disposition of assets	\$ (239) \$	(397)	\$ (1,436)	\$	(2,360)			
	Page 5 of 6								

MARINE TRANSPORTATION PERFORMANCE MEASUREMENTS

Fourth Quarter					Year			
2006			2005		2006		2005	
	3,713		4,241		15,649		16,141	
	5.2		4.4		4.9		4.3	
	243		242		241		242	
	2,440		1,863		7,489		9,022	
\$	1.79	\$	2.03	\$	1.93	\$	1.67	
					904		897	
					54		67	
					17.0		16.7	
					1.0		1.3	
	\$	2006 3,713 5.2 243 2,440	2006 3,713 5.2 243 2,440	2006 2005 3,713 4,241 5.2 4.4 243 242 2,440 1,863	2006 2005 3,713 4,241 5.2 4.4 243 242 2,440 1,863	2006 2005 2006 3,713 4,241 15,649 5.2 4.4 4.9 243 242 241 2,440 1,863 7,489 \$ 1.79 2.03 \$ 1.93 \$ 4 54 54	2006 2005 2006 3,713 4,241 15,649 5.2 4.4 4.9 243 242 241 2,440 1,863 7,489 \$ 1.79 2.03 1.93 \$ 904 54 17.0 17.0	

⁽¹⁾ Kirby has historically evaluated its operating performance using numerous measures, one of which is EBITDA, a non-GAAP financial measure. Kirby defines EBITDA as net earnings before interest expense, taxes on income, depreciation and amortization. EBITDA is presented because of its wide acceptance as a financial indicator. EBITDA is one of the performance measures used in Kirby's incentive bonus plan. EBITDA is also used by rating agencies in determining Kirby's credit rating and by analysts publishing research reports on Kirby, as well as by investors and investment bankers generally in valuing companies. EBITDA is not a calculation based on generally accepted accounting principles and should not be considered as an alternative to, but should only be considered in conjunction with. Kirby's GAAP financial information.

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⁽²⁾ Ton miles indicate fleet productivity by measuring the distance (in miles) a loaded tank barge is moved. For example: A typical 30,000 barrel tank barge loaded with 3,300 tons of liquid cargo is moved 100 miles, thus generating 330,000 ton miles.

³⁾ Inland marine transportation revenues divided by ton miles. Example: Fourth quarter 2006 inland marine revenues of \$193,614,000 divided by 3,713,000,000 ton miles = 5.2 cents

⁽⁴⁾ Towboats operated are the average number of owned and chartered towboats operated during the period.

⁽⁵⁾ Delay days measures the lost time incurred by a tow (towboat and one or more tank barges) during transit. The measure includes transit delays caused by weather, lock congestion and other navigational factors.