

KIRBY CORP  
Form 4  
September 17, 2007

**FORM 4** UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
BUESE MARK R

(Last) (First) (Middle)  
55 WAUGH DRIVE, SUITE 1000  
(Street)

HOUSTON, TX 77007

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
KIRBY CORP [KEX]

3. Date of Earliest Transaction  
(Month/Day/Year)  
09/14/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
Senior Vice President

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
\_\_\_\_ Form filed by More than One Reporting Person

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code	V	Amount	(D)	Price	
Common Stock, par value \$.10 per share	09/14/2007		M		15,000	A	\$ 9.9375 37,030	D
Common Stock, par value \$.10 per share	09/14/2007		M		16,000	A	\$ 12.775 53,030	D
Common Stock, par value \$.10 per share	09/14/2007		S		31,000	D	\$ 39.3472 22,030	D

Common Stock, par value \$.10 per share 2,211 I 401(k) Plan

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares
Employee Stock Option (Right to Buy)	\$ 9.9375	09/14/2007		M	15,000	01/20/2002 <sup>(1)</sup> 01/20/2008	Common Stock	15,000
Employee Stock Option (Right to Buy)	\$ 12.775	09/14/2007		M	16,000	01/27/2006 <sup>(2)</sup> 01/27/2008	Common Stock	16,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BUESE MARK R 55 WAUGH DRIVE, SUITE 1000 HOUSTON, TX 77007			Senior Vice President	

## Signatures

G. Stephen Holcomb, Agent and Attorney-in-Fact 09/17/2007

\_\_Signature of Reporting Person

Date

## Explanation of Responses:

- \* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).
- \*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).
- (1) Original option exercisable 25% after one year, 50% after two years, 75% after three years and 100% after four years from date of grant.
- (2) Original option exercisable 33% after one year, 67% after two years and 100% after three years from date of grant.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.