

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP**

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <b>VIVIANO JOSEPH P</b>			2. Issuer Name and Ticker or Trading Symbol <b>HARSCO CORP [ HSC ]</b>			5. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director 10% Owner Officer (give title below) Other (specify below)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year) <b>05/01/2007</b>					
P.O. BOX 8888			4. If Amendment, Date of Original Filed (Month/Day/Year)			6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by One Reporting Person Form filed by More than One Reporting Person		
(Street) <b>CAMP HILL PA 17001-8888</b>								
(City) (State) (Zip)								

**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	(A) or (D)	Price			
Common Stock, \$1.25 par value	05/02/2007		M		2,000	A	\$20.96	12,800	D	
Common Stock, \$1.25 par value	05/02/2007		S		2,000	D	\$51.74	10,800	D	
Common Stock, \$1.25 par value	05/02/2007		M		1,000	A	\$14.6563	11,800	D	
Common Stock, \$1.25 par value	05/02/2007		S		1,000	D	\$51.49	10,800 <sup>(1)</sup>	D	

**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 Securities Underlying Derivative Security (Instr. 3 and 4)	8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction(s) (Instr. 4)	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date					
Phantom Stock Units <sup>(2)</sup>	(2)							(2)	(2)	Common Stock, \$1.25 par value <sup>(3)</sup>	(2)	16,901.934 <sup>(1)</sup>	D	
Stock Option (Right to Buy) <sup>(4)</sup>	\$14.6563 <sup>(4)</sup>	05/02/2007		M		1,000		05/01/2001 <sup>(4)</sup>	04/30/2010 <sup>(4)</sup>	Common Stock, \$1.25 par value <sup>(4)</sup>	1,000 <sup>(4)</sup>	\$14.6563	3,000 <sup>(1)</sup>	D
Stock Option (Right to Buy) <sup>(4)</sup>	\$13.9625 <sup>(4)</sup>							(4)	04/30/2011 <sup>(4)</sup>	Common Stock, \$1.25 par value	(4)		4,000 <sup>(1)</sup>	D
Stock Option (Right to Buy) <sup>(4)</sup>	\$20.96 <sup>(5)</sup>	05/02/2007		M		2,000		(5)	04/30/2012 <sup>(5)</sup>	Common Stock, \$1.25 par value	2,000 <sup>(5)</sup>	\$20.96 <sup>(5)</sup>	0.0000	D
Stock Option (Right to Buy) <sup>(4)</sup>	\$16.96 <sup>(4)</sup>							(4)	04/30/2013 <sup>(4)</sup>	Common Stock, \$1.25 par value	(4)		4,000 <sup>(1)</sup>	D
Restricted Stock Units-NEDSP <sup>(5)</sup>	(5)	05/01/2007		A		2,000		(5)	(5)	Common Stock, \$1.25 par value	2,000 <sup>(5)</sup>	(5)	6,548.684 <sup>(1)</sup>	D

**Explanation of Responses:**

- Reflects adjustment made for two-for-one stock distribution on March 26, 2007.
- Represents deferred compensation under the 1995 Non-Employee Directors' Stock Plan. Each phantom stock unit represents a right to be paid in cash an amount equal to the fair market value of one share of HarSCO Corporation Common stock at the date of settlement. The scheduled settlement date for the phantom stock units is by January 31, 2008. The deferred compensation credit for fees earned during the quarterly period is the fair market value on the day immediately preceding such credit date. Includes reinvested dividends. The amount credited for each quarterly dividend is payable using the dividend payment date as the valuation date.
- Represents phantom stock units credited from January to April 1995 at prices ranging from \$41.375 to \$47.375 per share in lieu of directors' fees as deferred compensation under the 1995 Non-Employee Directors' Stock Plan in transactions exempt from old Rule 16b-3. The information presented is as of April 30, 1995.
- Stock option granted pursuant to 1995 Non-Employee Directors' Stock Plan, in a transaction exempt under Rule 16b-3.
- Represents restricted stock units granted under the 1995 Non-Employee Directors' Stock Plan. Each restricted stock unit has a one year vesting period and will be settled promptly following termination of the individual's service as a director of the Company. Includes reinvested dividends.

**Remarks:**

Mark E. Kimmel, Attorney-In- 05/03/2007

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

\* 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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