

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

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

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).

1. Name and Address of Reporting Person* <u>KIMMEL MARK E</u> (Last) (First) (Middle) 350 POPLAR CHURCH ROAD (Street) CAMP HILL PA 17011 (City) (State) (Zip)	2. Issuer Name and Ticker or Trading Symbol <u>HARSCO CORP [HSC]</u>	5. Relationship of Reporting Person(s) to Issuer (Check all applicable) Director 10% Owner Officer (give title below) Other (specify below) Sr. V.P., Gen. Counsel & CSec.
	3. Date of Earliest Transaction (Month/Day/Year) 01/27/2010	
4. If Amendment, Date of Original Filed (Month/Day/Year)		

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 ⁽¹⁾	01/27/2010 ⁽¹⁾		M ⁽¹⁾		3,333.33 ⁽¹⁾	A	(1)	23,445.905 ⁽¹⁾	D	
Common Stock, \$1.25 par value ⁽¹⁾	01/27/2010		F ⁽¹⁾		1,040.33 ⁽¹⁾	D	\$31.13 ⁽¹⁾	22,405.575 ⁽²⁾	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	Title	Amount or Number of Shares				
Restricted Stock Units ⁽¹⁾	(1)	01/27/2010 ⁽¹⁾		M ⁽¹⁾		3,333.33 ⁽¹⁾		01/27/2010 ⁽¹⁾	01/23/2010 ⁽¹⁾	Common Stock, \$1.25 par value ⁽¹⁾	3,333.33 ⁽¹⁾	(1)	0.01 ⁽¹⁾	D	
Incentive Stock Option (right to buy) ⁽³⁾	\$16.325 ⁽³⁾							01/21/2004 ⁽³⁾	01/20/2012 ⁽³⁾	Common Stock, \$1.25 par value ⁽³⁾	4,000		4,000	D	
Restricted Stock Units ⁽¹⁾	(1)							01/27/2010 ⁽¹⁾	01/27/2012 ⁽¹⁾	Common Stock, \$1.25 par value ⁽¹⁾	10,000		10,000	D	

Explanation of Responses:

- Represents restricted stock units granted under the 1995 Executive Incentive Compensation Plan. Grant has three year pro-rata vesting. No dividends are paid on the units until they vest.
- Includes 3,333.34 restricted stock units granted on January 22, 2008 under the 1995 Executive Incentive Compensation Plan. Grant has three year pro-rata vesting. No dividends are paid on the units until they vest. Also includes 2,156,2250 shares that were acquired in the Harsco Corporation Savings Plan in transactions that were exempt from Section 16(b) by virtue of Rule 16a-8(b). The information presented is as of December 31, 2009.
- Stock option granted pursuant to Harsco Corporation 1995 Executive Incentive Compensation Plan in a transaction exempt under Rule 16b-3.

Mark E. Kimmel 01/29/2010
 ** Signature of Reporting Person Date

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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