

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock, \$1.25 par value	19,007.895 ⁽¹⁾	D	

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)	4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date				
Incentive Stock Option (right to buy) ⁽²⁾	01/21/2004 ⁽²⁾	01/20/2012 ⁽²⁾	Common Stock, \$1.25 par value ⁽²⁾	4,000 ⁽²⁾	16.325 ⁽²⁾	D
Restricted Stock Units ⁽³⁾	01/23/2008 ⁽³⁾	01/23/2010 ⁽³⁾	Common Stock, \$1.25 par value ⁽³⁾	3,333.34 ⁽³⁾	(3)	D
Restricted Stock Units ⁽³⁾	01/27/2010 ⁽³⁾	01/27/2012 ⁽³⁾	Common Stock, \$1.25 par value ⁽³⁾	10,000 ⁽³⁾	(3)	D

Explanation of Responses:

1. 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.

2. Stock option granted pursuant to Harsco Corporation 1995 Executive Incentive Compensation Plan in a transaction exempt under Rule 16b-3.

3. Represents taxes withheld in consideration of taxes on restricted stock units granted in 2008 under the 1995 Executive Incentive Compensation Plan that vested on January 22, 2011. Grant had three year pro-rata vesting. No dividends are paid on the units until the RSUs vest.

Mark E. Kimmel01/25/2011

** 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 5 (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.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.