

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* <u>BUTLER GEFREY D H</u> (Last) (First) (Middle) <u>350 POPLAR CHURCH ROAD</u> (Street) <u>CAMP HILL PA 17011</u> (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) X Director 10% Owner X Officer (give title below) Other (specify below) <u>President</u>
	3. Date of Earliest Transaction (Month/Day/Year) <u>01/22/2010</u>	
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⁾	01/22/2010 ⁽²⁾	(1)	M ⁽¹⁾		5,333.33 ⁽¹⁾	A	\$32.7 ⁽¹⁾	39,238 ⁽¹⁾	D	
Common Stock, \$1.25 par value ⁽¹⁾	01/22/2010 ⁽²⁾	(1)	M ⁽¹⁾		5,333.33 ⁽¹⁾	D	\$32.7 ⁽¹⁾	33,904.67 ⁽¹⁾	D	
Common Stock, \$1.25 par value ⁽¹⁾	01/22/2010 ⁽²⁾	(1)	F ⁽¹⁾		2,187.33 ⁽¹⁾	D	\$32.7 ⁽¹⁾	31,717.34 ⁽¹⁾	D	
Common Stock, \$1.25 par value ⁽¹⁾	01/23/2010 ⁽¹⁾		M ⁽¹⁾		5,333.34 ⁽¹⁾	A	\$32.7	37,050.68	D	
Common Stock, \$1.25 par value ⁽¹⁾	01/23/2010 ⁽¹⁾	(1)	F ⁽¹⁾		2,187.34 ⁽¹⁾	D	\$32.7 ⁽¹⁾	34,863.34 ⁽³⁾	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)	01/23/2010 ⁽¹⁾	(1)	M ⁽¹⁾			5,333.34 ⁽¹⁾	01/23/2008 ⁽¹⁾	01/23/2010 ⁽¹⁾	Common Stock, \$1.25 par value ⁽¹⁾	5,333.34 ⁽¹⁾	\$32.7 ⁽¹⁾	0 ⁽¹⁾	D	
Incentive Stock Option (right to buy) ⁽⁴⁾	\$12.815 ⁽⁴⁾							01/21/2002 ⁽⁴⁾	01/21/2011 ⁽⁴⁾	Common Stock, \$1.25 par value ⁽⁴⁾	20,000		20,000	D	
Incentive Stock Option (right to buy) ⁽⁴⁾	\$16.325 ⁽⁴⁾							01/21/2004 ⁽⁴⁾	01/20/2012 ⁽⁴⁾	Common Stock, \$1.25 par value ⁽⁴⁾	48,000		48,000	D	
Restricted Stock Units ⁽¹⁾	(1)							01/27/2010 ⁽¹⁾	01/27/2012 ⁽¹⁾	Common Stock, \$1.25 par value ⁽¹⁾	8,000		8,000	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.
- 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.
- Includes 5,333.33 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.
- Stock option granted pursuant to Harco Corporation 1995 Executive Incentive Compensation Plan in a transaction exempt under Rule 16b-3.

Geoffrey D. H. Butler 01/26/2010
 ** 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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