HMS HOLDINGS CORP

Form 4

March 13, 2012

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

3235-0287

0.5

January 31, Expires: 2005

OMB APPROVAL

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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

See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Hosp Walter D			2. Issuer Name and Ticker or Trading Symbol HMS HOLDINGS CORP [HMSY]	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)		
(Last)	(First)	(Middle)	3. Date of Earliest Transaction	(Check an applicable)		
401 PARK AVENUE SOUTH			(Month/Day/Year) 03/13/2012	Director 10% Owner _X Officer (give title Other (specify below) EVP and CFO		
(Street) NEW YORK, NY 10016			4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check		
			Filed(Month/Day/Year)	Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting Person		

(City)	(State)	(Zip) Tabl	e I - Non-E	Derivative :	Securi	ities Acqu	ired, Disposed of	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	3. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)			Securities Ownership Indirect Beneficially Form: Direct Benefit Owned (D) or Owner	7. Nature of Indirect Beneficial Ownership (Instr. 4)			
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)	(Instr. 4)	
Common Stock	03/13/2012		M	45,000	A	\$ 6.37	177,843 <u>(1)</u>	D	
Common Stock	03/13/2012		S	45,000	D	\$ 31.01	132,843 (1)	D	

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. Transactio Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Ar Underlying Se (Instr. 3 and 4)
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title [
Non-Qualified Stock Option (Right to Buy)	\$ 6.37	03/13/2012		M	45,000	10/01/2007(2)	09/30/2012	Common Stock

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Hosp Walter D

401 PARK AVENUE SOUTH EVP and CFO

NEW YORK, NY 10016

Signatures

Walter D. Hosp 03/13/2012

**Signature of Person Date

**Reporting Person

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).
- Of which 67,371 are restricted stock awards granted on February 19, 2009 pursuant to the Third 2006 Amended and Restated Stock Plan (the "2006 Stock Plan") and 36,525 are restricted stock units granted on February 17, 2011 pursuant to the 2006 Stock Plan.
- Date shown is the date of grant. Fifty percent of these options vested annually in 1/3 increments over a period of three years commencing on December 31, 2008. The remaining 50%, or 22,500 options, vested on December 31, 2010 based on the Issuer's achievement of certain pre-defined performance criteria and the Reporting Persons satisfaction of certain service conditions.

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.

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