#### HMS HOLDINGS CORP

Form 4

August 13, 2007

# FORM 4

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

OMB Number:

3235-0287

2005

0.5

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES** 

January 31, Expires: Estimated average

**OMB APPROVAL** 

Section 16. Form 4 or

burden hours per response...

Form 5 obligations may continue. See Instruction

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person $\stackrel{*}{\underline{\ }}$ Archbold Thomas $G$	2. Issuer Name <b>and</b> Ticker or Trading Symbol HMS HOLDINGS CORP [HMSY]	5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)		
<i>a</i>				
(Last) (First) (Middle)	3. Date of Earliest Transaction			
401 PARK AVENUE SOUTH	(Month/Day/Year) 08/09/2007	Director 10% Owner _X Officer (give title Other (specify below) Former Corporate Officer		
(Street)	4. If Amendment, Date Original	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting PersonForm filed by More than One Reporting Person		
NEW YORK, NY 10016	Filed(Month/Day/Year)			

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative S	Securi	ities Acqu	ired, Disposed of	f, or Beneficial	ly 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. Securit on(A) or Dis (Instr. 3, 4	sposed	of (D)	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)
Common Stock							8,397	D	
Incentive Stock Option (right to buy)	08/09/2007		M	8,961	A	\$ 6.42	29,975	D	
Incentive Stock Option (right to buy)	08/09/2007		S	8,961	D	\$ 25.16	21,014	D	

### Edgar Filing: HMS HOLDINGS CORP - Form 4

Incentive Stock Option (right to buy)	08/09/2007	M	13,987	A	\$ 6.95	35,065	D
Incentive Stock Option (right to buy)	08/09/2007	S	13,987	D	\$ 25.16	21,078	D

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

Persons who respond to the collection of SEC 1474 information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

(9-02)

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. Transacti 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 A Underlying So (Instr. 3 and 4
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title
Incentive Stock Option (right to buy)	\$ 2.92					11/04/2005	11/04/2013	Common Stock
Incentive Stock Option (right to buy)	\$ 3.1					08/19/2005	08/19/2012	Common Stock
Incentive Stock Option (right to buy)	\$ 3.41					12/19/2004	12/19/2012	Common Stock
Incentive Stock Option (right to buy)	\$ 10.98					06/26/2006	06/26/2016	Common Stock
Incentive Stock Option (right to buy)	\$ 6.42	08/09/2007		M	8,961	04/15/2004(1)	04/15/2014	Common Stock
	\$ 10.98					(2)	06/26/2016	

### Edgar Filing: HMS HOLDINGS CORP - Form 4

Non-Qualified Stock Option (right to buy)							Common Stock
Incentive Stock Option (right to buy)	\$ 6.95	08/09/2007	М	13,987	04/14/2005	04/14/2015	Common Stock

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Archbold Thomas G 401 PARK AVENUE SOUTH NEW YORK, NY 10016

Former Corporate Officer

## **Signatures**

Thomas G. Archbold 08/13/2007

\*\*Signature of 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).
- (1) Options will vest in 25% increments on the anniversary date of the grant, starting on the first anniversary date.
- (2) Options will vest in 1/3 increments on the anniversary date of the grant, with 1/3 vesting on the grant date.

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.

Reporting Owners 3