#### **HMS HOLDINGS CORP**

Form 4

September 13, 2006

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

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

**OMB APPROVAL** 

Form 4 or Form 5 obligations may continue.

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

**SECURITIES** 

response...

See Instruction

30(h) of the Investment Company Act of 1940 1(b).

burden hours per 0.5

(Print or Type Responses)

(Last)

1. Name and Address of Reporting Person \* **HOLSTER ROBERT M** 

(First)

2. Issuer Name and Ticker or Trading

HMS HOLDINGS CORP [HMSY]

5. Relationship of Reporting Person(s) to

Symbol

(Check all applicable)

(Middle)

3. Date of Earliest Transaction

\_X\_ Director 10% Owner

**401 PARK AVENUE SOUTH** 

(Month/Day/Year)

Other (specify \_X\_\_ Officer (give title below)

09/11/2006

CEO and Chairman of the Board

(Street) 4. If Amendment, Date Original

Applicable Line)

Filed(Month/Day/Year)

\_X\_ Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

Issuer

NEW YORK, NY 10016

(City)	(State)	(Zip) Tabl	le I - Non-I	Derivative	Securi	ities Acqu	iired, 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. 4. Securities Acquired Transaction(A) or Disposed of (D) Code (Instr. 3, 4 and 5) (Instr. 8)				5. Amount of Securities Ownership Beneficially Form: Direct Owned (D) or Following Indirect (I) Reported (Instr. 4) Transaction(s)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)		
Common Stock	09/11/2006(1)		M	10,000	A	\$ 1.19	67,314	D	
Common Stock	09/11/2006(1)		S	10,000	D	\$ 13.31	57,314	D	
Common Stock							13,773	I	Held in Trust for Son (2)
Common Stock							14,223	I	Held in Trust for Son (3)
							8,000	I	

Common Held by Stock Spouse

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

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 control number.

SEC 1474

(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. 5. Number of TransactionDerivative Code Securities (Instr. 8) Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amou Underlying Secur (Instr. 3 and 4)		
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Am Nui Sha
Non-Qualified Stock Option (right to buy)	\$ 1.19	09/11/2006(1)		M		10,000	<u>(4)</u>	03/30/2011	Common Stock	10
Incentive Stock Option (right to buy)	\$ 2.48						<u>(5)</u>	12/12/2011	Common Stock	75
Incentive Stock Option (right to buy)	\$ 3.41						<u>(5)</u>	12/19/2012	Common Stock	51
Non-Qualified Stock Option (right to buy)	\$ 3.41						<u>(5)</u>	12/19/2012	Common Stock	73
Incentive Stock Option (right to buy)	\$ 6.95						<u>(5)</u>	04/14/2015	Common Stock	29
Non-Qualified Stock Option (right to buy)	\$ 6.95						<u>(5)</u>	04/14/2015	Common Stock	12
Incentive Stock Option (right to buy)	\$ 2.92						11/04/2005	11/04/2013	Common Stock	33
Non-Qualified Stock Option (right to buy)	\$ 2.92						11/04/2004	11/04/2013	Common Stock	66

### **Reporting Owners**

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

HOLSTER ROBERT M

401 PARK AVENUE SOUTH X CEO and Chairman of the Board

NEW YORK, NY 10016

# **Signatures**

Robert M. 09/12/2006 Holster

\*\*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) Transaction pursuant to 10b5-1 sales plan executed on December 15, 2005.
- (2) Brett Holster, son of Robert, owns these shares. The reporting person disclaims beneficial ownership.
- (3) Andrew Holster, son of Robert, owns these shares. The reporting person disclaims beneficial ownership.
- (4) Options vest as follows: 100,000 vesting on first anniversary, and 75,000 at the end of each quarterly period thereafter.
- (5) Options vest in 1/3 increments, with 1/3 vesting on grant date, and 1/3 vesting on each of the next two anniversary dates.

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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