HMS HOLDINGS CORP Form SC 13G/A May 09, 2008

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

Under the Securities Exchange Act of 1934

Amendment No. 1*

HMS Holdings Corp.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

40425J101

(CUSIP Number)

April 30, 2008

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is file	Che	eck the	appropriate	box to o	designate	the rule	pursuant to	which	this S	Schedule	is	file	d
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[X] Rule 13d-1(b)
[] Rule 13d-1(c)
[] Rule 13d-1(d)

*The remainder of this cover page shall be filled out for a reporting person s initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be filed for the purpose of Section 18 of the Securities Exchange Act of 1934 (Act) or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

CUSIP No. 404255101	13G		
1.	NAME OF REPOR	RTING PERSON (S.S. or I.R.S. Ide	entification No. of Above Person)
	Ivy Investment Man	agement Company Tax ID No. 03-0	481447
2.	CHECK THE APP	PROPRIATE BOX IF A MEMBE	R OF A GROUP:
	(a) (b)		
3.	SEC USE ONLY		
4.	CITIZENSHIP OR	PLACE OF ORGANIZATION:	Delaware
NUMBER OF SHARES	BENEFICIALLY O	WNED BY EACH REPORTING	PERSON WITH:
	5.	SOLE VOTING POWER	512,800 (See Item 4)
	6.	SHARED VOTING POWER	0
	7.	SOLE DISPOSITIVE POWER	512,800 (See Item 4)
	8.	SHARED DISPOSITIVE POWER	0
9.	AGGREGATE AM PERSON: 512,800 (See Item 4	IOUNT BENEFICIALLY OWNE	ED BY EACH REPORTING
10.	CHECK IF THE A SHARES:	GGREGATE AMOUNT IN ROV	V 9 EXCLUDES CERTAIN
11.	PERCENT OF CL	ASS REPRESENTED BY AMOU	INT IN ROW 9: 2.1
12.	TYPE OF PERSON	N REPORTING: IA	

CUSIP No. 4042	55101	13G	
1.	NAME O	F REPORTING PERSON (S.S. or I.R.S. Identif	ication No. of Above Person)
	Waddell &	Reed Investment Management Company Tax ID	No. 48-1106973
2.	CHECK T	THE APPROPRIATE BOX IF A MEMBER O	F A GROUP:
	(a) (b)		
3.	SEC USE	ONLY	
4.	CITIZEN	SHIP OR PLACE OF ORGANIZATION: Kar	nsas
NUMBER OF S	HARES B	ENEFICIALLY OWNED BY EACH REPORT	ΓING PERSON WITH:
	5.	SOLE VOTING POWER	2,281,500 (See Item 4)
	6.	SHARED VOTING POWER	0
	7.	SOLE DISPOSITIVE POWER	2,281,500 (See Item 4)
	8.	SHARED DISPOSITIVE POWER	0
9.		SATE AMOUNT BENEFICIALLY OWNED B (See Item 4)	BY EACH REPORTING PERSON
10.	CHECK I	F THE AGGREGATE AMOUNT IN ROW 9	EXCLUDES CERTAIN SHARES:
11.	PERCEN	T OF CLASS REPRESENTED BY AMOUNT	IN ROW 9 : 9.1
12.	TYPE OF	PERSON REPORTING: IA	

CUSIP No. 4042	255101	13	8G		
1.	NAME OF REPOR	RTING PERSON	N (S.S. or I.R.S. Identificat	ion No. of Above Person)	
	Waddell & Reed, In	c. Tax ID No. 43	-1235675		
2.	CHECK THE APP	PROPRIATE BO	X IF A MEMBER OF A	GROUP:	
	(a) (b)	[]			
3.	SEC USE ONLY				
4.	CITIZENSHIP OF	R PLACE OF OF	RGANIZATION: Delawa	are	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:					
	5.	SOLE VOTING	G POWER	2,281,500 (See Item 4)	
	6.	SHARED VOT POWER	TING	0	
	7.	SOLE DISPOS POWER	ITIVE	2,281,500 (See Item 4)	
	8.	SHARED DISP POWER	POSITIVE	0	
9.	AGGREGATE AM 2,281,500 (See Item		ICIALLY OWNED BY	EACH REPORTING PERSON:	
10.	CHECK IF THE A	AGGREGATE A	MOUNT IN ROW 9 EX	CLUDES CERTAIN SHARES:	
11.	PERCENT OF CL	ASS REPRESEN	NTED BY AMOUNT IN	ROW 9 : 9.1	
12.	TYPE OF PERSO	N REPORTING	: BD		

CUSIP No. 4042	255101	13G		
1.	NAME (OF REPORTING PERSON (S.S. or	I.R.S. Identificatio	n No. of Above Person)
	Waddell	& Reed Financial Services, Inc. Tax	ID No. 43-1414157	7
2.	CHECK	THE APPROPRIATE BOX IF A	MEMBER OF A C	GROUP:
	(a) (b)	[]		
3.	SEC USI	E ONLY		
4.	CITIZE	NSHIP OR PLACE OF ORGANIZ	ATION: Missouri	
NUMBER OF S	SHARES I	BENEFICIALLY OWNED BY EAC	CH REPORTING	PERSON WITH:
	5.	SOLE VOTING POWER	2,	,281,500 (See Item 4)
	6.	SHARED VOTING POWER	0	
	7.	SOLE DISPOSITIVE POWER	2,	,281,500 (See Item 4)
	8.	SHARED DISPOSITIVE POWE	R 0	
9.		GATE AMOUNT BENEFICIALLY (See Item 4)	Y OWNED BY EA	ACH REPORTING PERSON
10.	CHECK	IF THE AGGREGATE AMOUNT	IN ROW 9 EXC	LUDES CERTAIN SHARES:
11.	PERCEN	NT OF CLASS REPRESENTED BY	Y AMOUNT IN R	OW 9 : 9.1
12.	TYPE O	F PERSON REPORTING: HC		

CUSIP No. 4042551	101	13G		
1.	NAME OF	REPORTING PERSO	N (S.S. or I.R.S. Identifica	ation No. of Above Person)
	Waddell & F	Reed Financial, Inc. Tax	ID No. 51-0261715	
2.	CHECK TH	IE APPROPRIATE BO	OX IF A MEMBER OF	A GROUP:
	(a) (b)	[]		
3.	SEC USE O	NLY		
4.	CITIZENSI	HIP OR PLACE OF O	RGANIZATION: Delaw	/are
NUMBER OF SHA	ARES BENEI	FICIALLY OWNED B	Y EACH REPORTING	PERSON WITH:
	5.	SOLE VOTING POV	VER	2,794,300 (See Item 4)
	6.	SHARED VOTING I	POWER	0
	7.	SOLE DISPOSITIVE	E POWER	2,794,300 (See Item 4)
	8.	SHARED DISPOSIT POWER	IVE	0
9.	AGGREGA 2,794,300 (S		FICIALLY OWNED BY	EACH REPORTING PERSON
10.	CHECK IF	THE AGGREGATE A	AMOUNT IN ROW 9 EX	KCLUDES CERTAIN SHARES:
11.	PERCENT	OF CLASS REPRESE	NTED BY AMOUNT IN	NROW 9: 11.2
12.	TYPE OF P	ERSON REPORTING	G: HC	

Item 1(a):	Name of Issuer: HMS Holdings Corp.
<u>Item 1(b)</u> :	Address of Issuer s Principal Executive Offices:
401 Park Aver	nue South
New York, NY	7 10016
Item 2(a):	Name of Person Filing:
(ii) Wadde(iii) Wadde(iv) Wadde	Il & Reed Financial, Inc. Il & Reed Financial Services, Inc. Il & Reed, Inc. Il & Reed Investment Management Company estment Management Company
Item 2(b):	Address of Principal Business Office:
(i)-(v):	6300 Lamar Avenue
Overland Park	, KS 66202
Item 2(c):	<u>Citizenship</u> :
(i), (iii) and (v)): Delaware
(ii): Missour	ri
(iv): Kansas	

Title of Class of Securities: Common Stock

<u>Item 2(d)</u>:

<u>Item 2(e)</u>: <u>CUSIP Number</u>: 404255101

<u>Item 3</u>: <u>The reporting person is:</u>

- (i) Waddell & Reed Financial, Inc., a parent holding company in accordance with Reg 240.13d-1(b)(1)(ii)(G);
- (ii) Waddell & Reed Financial Services, Inc., a parent holding company in accordance with Reg. 240.13d-1(b)(1)(ii)(G);
- (iii) Waddell & Reed, Inc., a broker-dealer registered under section 15 of the Act (15 U.S.C. 780); and
- (iv) Waddell & Reed Investment Management Company, an investment advisor in accordance with Reg. 240.13d-1(b)(1)(ii)(E).
- (v) Ivy Investment Management Company, an investment advisor in accordance with Reg. 240.13d-1(b)(1)(ii)(E).

Item 4: Ownership

The securities reported on herein are beneficially owned by one or more open-end investment companies or other managed accounts which are advised or sub-advised by Ivy Investment Management Company (IICO), an investment advisory subsidiary of Waddell & Reed Financial, Inc. (WDR) or Waddell & Reed Investment Management Company (WRIMCO), an investment advisory subsidiary of Waddell & Reed, Inc. (WRI). WRI is a broker-dealer and underwriting subsidiary of Waddell & Reed Financial Services, Inc., a parent holding company (WRFSI). In turn, WRFSI is a subsidiary of WDR, a publicly traded company. The investment advisory contracts grant IICO and WRIMCO all investment and/or voting power over securities owned by such advisory clients. The investment sub-advisory contracts grant IICO and WRIMCO investment power over securities owned by such sub-advisory clients and, in most cases, voting power. Any investment restriction of a sub-advisory contract does not restrict investment discretion or power in a material manner. Therefore, IICO and/or WRIMCO may be deemed the beneficial owner of the securities covered by this statement under Rule 13d-3 of the Securities Exchange Act of 1934 (the 1934 Act).

IICO, WRIMCO, WRI, WRFSI and WDR are of the view that they are not acting as a group for purposes of Section 13(d) under the 1934 Act. Indirect beneficial ownership is attributed to the respective parent companies solely because of the parent companies control relationship to WRIMCO and IICO.

- (a) Amount beneficially owned: 2,794,300
- (b) Percent of class: 11.2
- (c) Number of shares as to which the person has:
- (i) Sole voting power to vote or to direct the vote:

WDR: 2,794,300 (indirect)

WRFSI: 2,281,500 (indirect)

WRI: 2,281,500 (indirect)

WRIMCO: 2,281,500 (direct)

IICO: 512,800 (direct)

- (ii) Shared power to vote or to direct the vote: 0
- (iii) Sole power to dispose or to direct the disposition of:

WDR: 2,794,300 (indirect)

WRFSI: 2,281,500 (indirect)

WRI: 2,281,500 (indirect)

WRIMCO: 2,281,500 (direct)

IICO: 512,800 (direct)

(iv) Shared power to dispose or to direct the disposition of: 0
Item 5: Ownership of Five Percent or Less of a Class:
If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following:
Item 6: Ownership of More than Five Percent on Behalf of Another Person:
The clients of IICO and WRIMCO, including investment companies registered under the Investment Company Act of 1940 and other managed accounts, have the right to receive dividends from, as well as the proceeds from the sale of, such securities. Waddell & Reed Advisors Funds, Inc. Science and Technology Fund, a company registered under the Investment Company Act of 1940, has an interest in more than 5% of the class of securities reported herein.
Item 7: Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company:
See Attached Exhibit 2.
Item 8: Identification and Classification of Members of the Group:
Not Applicable.
Item 9: Notice of Dissolution of Group:
Not Applicable.

<u>Item 10</u>: <u>Certification</u>:

By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were acquired and are held in the ordinary course of business and were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

SIGNATURE

SIGNATURE 13

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Dated: May 9, 2008

Waddell & Reed Financial, Inc.

Waddell & Reed Financial Services, Inc.

By: /s/ Wendy J.

Hills

Name: Wendy J. Hills Title: Vice President

Waddell & Reed, Inc.

By: /s/ Wendy J.

Hills

Name: Wendy J. Hills Title: Attorney-In-Fact

Ivy Investment Management Company

By: /s/ Wendy J.

Hills

Name: Wendy J. Hills Title: Attorney-In-Fact By: /s/ Wendy J. Hills

Name: Wendy J. Hills Title: Attorney-In-Fact

Waddell & Reed Investment Management Company

By: /s/ Wendy J. Hills

Name: Wendy J. Hills Title: Attorney-In-Fact

EXHIBIT INDEX

Exhibit No.	Description
1	Joint Filing Agreement
2	Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on by the Parent Holding Company
3	Power of Attorney