Stereotaxis, Inc. Form SC 13G/A February 11, 2010

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

SCHEDULE 13G (Rule 13d-102)

INFORMATION TO BE INCLUDED IN STATEMENTS FILED PURSUANT TO RULES 13d-1(b), (c), AND (d) AND AMENDMENTS THERETO FILED PURSUANT TO RULE 13d-2(b)

(Amendment No. 2)1

Stereotaxis, Inc. (Name of Issuer)

Common Stock, \$0.001 Par Value (Title of Class of Securities)

85916J102 (CUSIP Number)

December 31, 2009 (Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

- o Rule 13d-1(b)
- x Rule 13d-1(c)
- o Rule 13d-1(d)

The information required in 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).

¹ 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.

CUSIP NO. 85916J102

1	NAME OF REPORTING PERS	ON	
2 3 4	Ramius Navigation Master F CHECK THE APPROPRIATE GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF	BOX IF A MEMBER OF A	(a) x (b) o
NUMBER OF SHARES	Cayman Islands 5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	6	1,433,927(1) SHARED VOTING POWER	
REPORTING PERSON WITH	7	0 shares SOLE DISPOSITIVE POWER	
	8	1,433,927(1) SHARED DISPOSITIVE POWE	R
9	AGGREGATE AMOUNT BEN	0 shares IEFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,433,927(1) CHECK BOX IF THE AGGREEN EXCLUDES CERTAIN SHARI		
11	PERCENT OF CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	2.8% TYPE OF REPORTING PERSO	ON	

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

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CUSIP NO. 85916J102

1	NAME OF REPORTING PER	SON	
2 3	Ramius Enterprise Master CHECK THE APPROPRIATE GROUP SEC USE ONLY		(a) x (b) o
4	CITIZENSHIP OR PLACE OF	ORGANIZATION	
	Cayman Islands		
NUMBER OF SHARES	5	SOLE VOTING POWER	
BENEFICIALLY	7	358,481(1)	
OWNED BY	6	SHARED VOTING POWER	
EACH REPORTING		0 shares	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	8	358,481(1) SHARED DISPOSITIVE POWE	R
9	AGGREGATE AMOUNT BE	0 shares NEFICIALLY OWNED BY EACH	REPORTING PERSON
10	358,481(1) CHECK BOX IF THE AGGRE EXCLUDES CERTAIN SHAR	EGATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRE	ESENTED BY AMOUNT IN ROW	(9)

Less than 1%

TYPE OF REPORTING PERSON 12

CO

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF REPORTING PERS	ON	
2 3 4	RCG PB, LTD CHECK THE APPROPRIATE TO GROUP SEC USE ONLY CITIZENSHIP OR PLACE OF		(a) x (b) o
	Cayman Islands		
NUMBER OF	5	SOLE VOTING POWER	
SHARES BENEFICIALLY OWNED BY	6	1,433,927(1) SHARED VOTING POWER	
EACH	O	SHARED VOIINGTOWER	
REPORTING	_	0 shares	
PERSON WITH	7	SOLE DISPOSITIVE POWER	
	8	1,433,927(1) SHARED DISPOSITIVE POWE	R
		0 shares	
9	AGGREGATE AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,433,927(1) CHECK BOX IF THE AGGREE EXCLUDES CERTAIN SHARI	* *	
11	PERCENT OF CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	2.8% TYPE OF REPORTING PERSO	ON	

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

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CO

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON	
2	Ramius Advisors, LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	1,792,408(1) SHARED VOTING POWER	
REPORTING PERSON WITH		7	0 shares SOLE DISPOSITIVE POWER	
		8	1,792,408(1) SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	0 shares EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREGERTAIN SHARI	GATE AMOUNT IN ROW (9) ·	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	3.4% TYPE OF REP	ORTING PERSO	ON	

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

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IA, OO

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON	
2		APPROPRIATE I	BOX IF A MEMBER OF A	(a) x
2	GROUP SEC USE ONL	V		(b) o
3	SEC USE ONL	∠ Y		
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
	Delaware			
NUMBER OF SHARES		5	SOLE VOTING POWER	
BENEFICIALLY	-		1,792,408(1)	
OWNED BY		6	SHARED VOTING POWER	
EACH REPORTING			0 shares	
PERSON WITH		7	SOLE DISPOSITIVE POWER	
			1,792,408(1)	
		8	SHARED DISPOSITIVE POWE	R
			0 shares	
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON
	1,792,408(1)			
10		IF THE AGGRE	GATE AMOUNT IN ROW (9)	
10		ERTAIN SHARI	* *	
	DDD 600 VIII 600	G1 + GG PTPP		(0)
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
	3.4%			
12	TYPE OF REP	ORTING PERSO	ON	
	00			
	00			

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON	
2	Cowen Group, CHECK THE A GROUP SEC USE ONL	APPROPRIATE I	BOX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	1,792,408(1) SHARED VOTING POWER	
REPORTING PERSON WITH		7	0 shares SOLE DISPOSITIVE POWER	
		8	1,792,408(1) SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	0 shares EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12		ORTING PERSC	DN	
	СО			

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON	
2	RCG Holdings LLC CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	Delaware	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	1,792,408(1) SHARED VOTING POWER	
REPORTING PERSON WITH		7	0 shares SOLE DISPOSITIVE POWER	
		8	1,792,408(1) SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	0 shares EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	3.4% TYPE OF REP	ORTING PERSO	DN	
	OO			

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON		
2	C4S & Co., L.L.C. CHECK THE APPROPRIATE BOX IF A MEMBER OF A (a) x				
	GROUP			(b) o	
3	SEC USE ONL	LY			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION		
	Delaware				
NUMBER OF SHARES		5	SOLE VOTING POWER		
BENEFICIALLY	•		1,792,408(1)		
OWNED BY		6	SHARED VOTING POWER		
EACH REPORTING			Oakana		
PERSON WITH		7	0 shares SOLE DISPOSITIVE POWER		
TERSON WITH		7	SOLE DISTOSTITVE TOWER		
			1,792,408(1)		
		8	SHARED DISPOSITIVE POWE	R	
			0 shares		
9	AGGREGATE	AMOUNT BEN	EFICIALLY OWNED BY EACH	REPORTING PERSON	
	1 702 409(1)				
10	1,792,408(1) CHECK BOX	IF THE AGGRE	GATE AMOUNT IN ROW (9)		
10		ERTAIN SHARE	· ·		
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)	
	3.4%				
12		ORTING PERSO	ON		
	00				
	OO				

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERS	ON	
2 3	Peter A. Cohen CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP SEC USE ONLY (a) x (b) o			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	United States	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	1,792,408(1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	1,792,408(1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREG ERTAIN SHARI	GATE AMOUNT IN ROW (9)	
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9)			(9)
12	3.4% TYPE OF REPORTING PERSON			
	IN			
(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.				

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF RE	PORTING PERSO	ON	
2 3	Morgan B. Star CHECK THE A GROUP SEC USE ONL	APPROPRIATE I	BOX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP	OR PLACE OF O	ORGANIZATION	
NUMBER OF SHARES	United States	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	•	6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	1,792,408(1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	1,792,408(1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10		IF THE AGGREC ERTAIN SHARE	GATE AMOUNT IN ROW (9)	
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	3.4% TYPE OF REPORTING PERSON			
	IN			

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF REI	PORTING PERS	ON	
2 3	Thomas W. Strauss CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (b) o SEC USE ONLY			
4	CITIZENSHIP	OR PLACE OF	ORGANIZATION	
NUMBER OF SHARES	United States	5	SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH		6	0 shares SHARED VOTING POWER	
REPORTING PERSON WITH		7	1,792,408(1) SOLE DISPOSITIVE POWER	
		8	0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE	AMOUNT BEN	1,792,408(1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,792,408(1) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES			
11	PERCENT OF	CLASS REPRES	SENTED BY AMOUNT IN ROW	(9)
12	3.4% TYPE OF REPORTING PERSON			
	IN			
(1) Danraganta sha	ares of Common	Stook ourrantly	ssuphla upon the avaraise of cortai	n worronto

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

1	NAME OF REPO	ORTING PERSO	ON	
2	Jeffrey M. Solomo CHECK THE AP GROUP SEC USE ONLY	PROPRIATE B	3OX IF A MEMBER OF A	(a) x (b) o
4	CITIZENSHIP O	R PLACE OF C	ORGANIZATION	
NUMBER OF SHARES	United States 5		SOLE VOTING POWER	
BENEFICIALLY OWNED BY EACH	6		0 shares SHARED VOTING POWER	
REPORTING PERSON WITH	7		1,792,408(1) SOLE DISPOSITIVE POWER	
	8		0 shares SHARED DISPOSITIVE POWE	R
9	AGGREGATE A		1,792,408(1) EFICIALLY OWNED BY EACH	REPORTING PERSON
10	1,792,408(1) CHECK BOX IF EXCLUDES CER		GATE AMOUNT IN ROW (9)	
11	PERCENT OF CI	LASS REPRES	ENTED BY AMOUNT IN ROW	(9)
12	3.4% TYPE OF REPORTING PERSON			
	IN			
(1) D 1		41 41	1.1	

(1) Represents shares of Common Stock currently issuable upon the exercise of certain warrants.

CUSIP NO. 85916J102

Item 1(a). Name of Issuer:

Stereotaxis, Inc., a Delaware corporation (the "Issuer")

Item 1(b). Address of Issuer's Principal Executive Offices:

4320 Forest Park Avenue St. Louis, Missouri 63108

Item 2(a). Name of Person Filing

Item 2(b). Address of Principal Business Office or, if None, Residence

Item 2(c). Citizenship

Ramius Navigation Master Fund Ltd ("Navigation Master Fund")

c/o Citco Fund Services (Cayman Islands) Limited

Regatta Office Park

Windward 1, 2nd Floor

PO Box 31106

Grand Cayman KY1-1205

Cayman Islands

Citizenship: Cayman Islands

Ramius Enterprise Master Fund Ltd ("Enterprise Master Fund")

c/o Citco Fund Services (Cayman Islands) Limited

Regatta Office Park

Windward 1, 2nd Floor

PO Box 31106

Grand Cayman KY1-1205

Cayman Islands

Citizenship: Cayman Islands

RCG PB, Ltd ("RCG PB")

c/o Citco Fund Services (Cayman Islands) Limited

Regatta Office Park

Windward 1, 2nd Floor

PO Box 31106

Grand Cayman KY1-1205

Cayman Islands

Citizenship: Cayman Islands

Ramius Advisors, LLC ("Ramius Advisors")

c/o Ramius LLC

599 Lexington Avenue, 20th Floor

New York, New York 10022

Citizenship: Delaware

Ramius LLC ("Ramius")

c/o Ramius LLC

599 Lexington Avenue, 20th Floor

New York, New York 10022 Citizenship: Delaware

CUSIP NO. 85916J102

Cowen Group, Inc. ("Cowen") c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: Delaware

RCG Holdings LLC ("RCG Holdings") c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: Delaware

C4S & Co., L.L.C. ("C4S") c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: Delaware

Peter A. Cohen c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: United States

Morgan B. Stark c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: United States

Thomas W. Strauss c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: United States

Jeffrey M. Solomon c/o Ramius LLC 599 Lexington Avenue, 20th Floor New York, New York 10022 Citizenship: United States

Item 2(d). Title of Class of Securities:

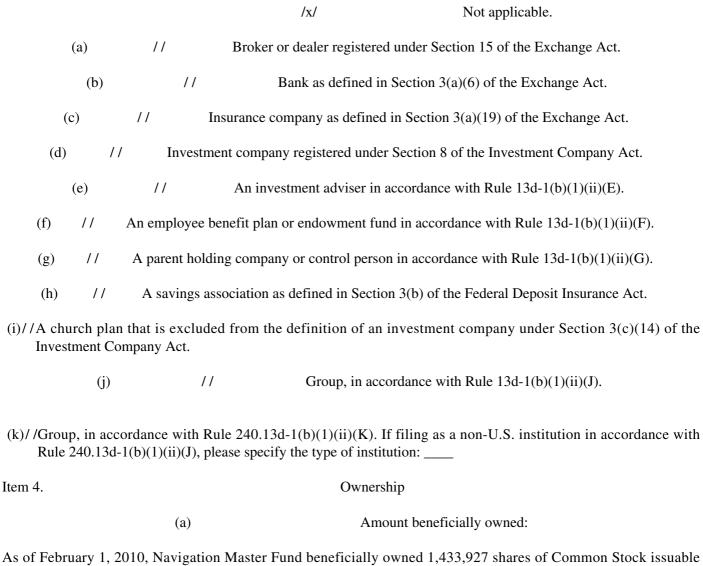
Common Stock, \$0.001 par value (the "Common Stock")

Item 2(e). CUSIP Number:

85916J102

CUSIP NO. 85916J102

Item 3. If This Statement is Filed Pursuant to Rule 13d-1(b), or 13d-2(b) or (c), Check Whether the Person Filing is a:



As of February 1, 2010, Navigation Master Fund beneficially owned 1,433,927 shares of Common Stock issuable upon the exercise of certain warrants.

As of February 1, 2010, Enterprise Master Fund beneficially owned 358,481 shares of Common Stock issuable upon the exercise of certain warrants.

RCG PB, as the sole shareholder of Navigation Master Fund, may be deemed the beneficial owner of the 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund.

Ramius Advisors, as the investment advisor of each of Navigation Master Fund and Enterprise Master Fund, may be deemed the beneficial owner of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

Ramius, as the sole member of Ramius Advisors, may be deemed the beneficial owner of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

CUSIP NO. 85916J102

Cowen, as the sole member of Ramius, may be deemed the beneficial owner of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

RCG Holdings, as a significant shareholder of Cowen, may be deemed the beneficial owner of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

C4S, as the managing member of RCG Holdings, may be deemed the beneficial owner of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

Messrs. Cohen, Stark, Strauss and Solomon, as the sole managing members of C4S, may be deemed the beneficial owners of the (i) 1,433,927 shares of Common Stock beneficially owned by Navigation Master Fund and (ii) 358,481 shares of Common Stock beneficially owned by Enterprise Master Fund.

The foregoing should not be construed in and of itself as an admission by any Reporting Person as to beneficial ownership of any shares of Common Stock owned by another Reporting Person. In addition, each of RCG PB, Ramius Advisors, Ramius, Cowen, RCG Holdings, C4S and Messrs. Cohen, Stark, Strauss and Solomon disclaims beneficial ownership of the shares of Common Stock beneficially owned by Navigation Master Fund and Enterprise Master Fund and the filing of this statement shall not be construed as an admission that any such person is the beneficial owner of any such securities.

(b) Percent of class:

Based on 50,258,451 shares outstanding as of October 31, 2009, as disclosed by the Issuer in its Quarterly Report on Form 10-Q filed with the Securities and Exchange Commission on November 6, 2009.

As of February 1, 2010, Navigation Master Fund beneficially owned approximately 2.8% of the outstanding shares of Common Stock. As of February 1, 2010, RCG PB may be deemed to beneficially own approximately 2.8% of the outstanding shares of Common Stock.

As of February 1, 2010, Enterprise Master Fund beneficially owned less than 1% of the outstanding shares of Common Stock.

As of February 1, 2010, each of Ramius Advisors, Ramius, Cowen, RCG Holdings, C4S and Messrs. Cohen, Stark, Strauss and Solomon may be deemed to beneficially own approximately 3.4% of the outstanding shares of Common Stock.

(c) Number of shares as to which such person has:

(i) Sole power to vote or to direct the vote

See Cover Pages Items 5-9.

(ii) Shared power to vote or to direct the vote

See Cover Pages Items 5-9.

(iii) Sole power to dispose or to direct the disposition of

See Cover Pages Items 5-9.

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(iv) Shared power to dispose or to direct the disposition of

See Cover Pages Items 5-9.

Item 5. Ownership of Five Percent or Less of a Class.

If this statement is being filed to report the fact that As of February 1, 2010 the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following [X].

Item 6. Ownership of More than Five Percent on Behalf of Another Person.

Not applicable.

Item Identification and Classification of the Subsidiary That Acquired the Security Being Reported on by the ParentHolding Company or Control Person.

Not applicable.

Item 8. Identification and Classification of Members of the Group.

See Exhibit 99.1.

Item 9. Notice of Dissolution of Group.

Not applicable.

Item 10. Certifications.

By signing below each of the undersigned certifies that, to the best of its knowledge and belief, the securities referred to above 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.

CUSIP NO. 85916J102

SIGNATURES

After reasonable inquiry and to the best of his knowledge and belief, each of the undersigned certifies that the information set forth in this statement is true, complete and correct.

Dated: February 11, 2010

RAMIUS ENTERPRISE MASTER FUND

LTD

By: Ramius Advisors, LLC,

its investment advisor

RAMIUS NAVIGATION MASTER FUND

LTD

By: Ramius Advisors, LLC,

its investment advisor

RCG PB, LTD

By: Ramius Advisors, LLC,

its investment advisor

RAMIUS ADVISORS, LLC

By: Ramius LLC,

its sole member

RAMIUS LLC

By: Cowen Group, Inc.,

its sole member

COWEN GROUP, INC.

RCG HOLDINGS LLC

By: C4S & Co., L.L.C.,

its managing member

C4S & CO., L.L.C.

By:/s/ Jeffrey M. Solomon

Name: Jeffrey M. Solomon Title: Authorized Signatory

JEFFREY M.

SOLOMON

Individually

and as

attorney-in-fact

for

Peter A. Cohen,

Morgan B.

Stark and

Thomas W.

Strauss