AUGUST TECHNOLOGY CORP Form SC 13G/A February 15, 2006

UNITED STATES

SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G/A

Under the Securities Exchange Act of 1934 (Amendment No. 1)*

August Technology Corporation (Name of Issuer)

Common Stock (Title of Class of Securities)

05106U105

(CUSIP Number)

December 31, 2005 (Date of Event Which Requires Filing of this Statement)

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

- [] Rule 13d-1(b)
- [X] 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 in the remainder of this cover page shall not be deemed to be "filed" for purposes 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).

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13G/A

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(1)	(1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS								
	Ramius Capital Group, LLC 13-3937658								
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [X] (b) []								
(3)	SEC USE ONLY								
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION Delaware								
NUMBER OF	(5) SOLE VOTING POWER 1,784,993								
	LLY (6) SHARED VOTING POWER 0								
EACH	(7) SOLE DISPOSITIVE POWER 1,784,993								
REPORTING	;								
PERSON WI	TH (8) SHARED DISPOSITIVE POWER 0								
(9)	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,784,993								
(10)	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES **								
(11)	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) 9.76%								
(12)	TYPE OF REPORTING PERSON **								
	** SEE INSTRUCTIONS BEFORE FILLING O	UT!							
CUSIP No.	05106U105 13G/A	Page 3 of 17 Pages							
(1)	NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS								
	RCG Ambrose Master Fund, Ltd.								
(2)	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GRO	UP ** (a) [X] (b) []							
(3)	SEC USE ONLY								

, ,	CITIZENSH Cayman Is	IP OR PLACE OF ORGANIZATION lands					
NUMBER OF		SOLE VOTING POWER 222,224					
	 LLY (6)	SHARED VOTING POWER					
OWNED BY							
EACH	(7)	SOLE DISPOSITIVE POWER 222,224					
REPORTING							
PERSON WIT	CH (8)	SHARED DISPOSITIVE POWER 0					
` ,		AMOUNT BENEFICIALLY OWNED EPORTING PERSON					
(10)	CHECK BOX	IF THE AGGREGATE AMOUNT					
	IN ROW (9) EXCLUDES CERTAIN SHARES **	[]				
		F CLASS REPRESENTED IN ROW (9)					
(12)	TYPE OF R	EPORTING PERSON **					
		** SEE INSTRUCTIONS BEFORE FILLING OUT!					
CUSIP No.	05106U105	13G/A	Page 4 of 17 Page				
(1)		REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS					
	RCG Halif	ax Fund, Ltd.					
(2)	CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X]				
(3)	SEC USE O	NLY					
	CITIZENSHIP OR PLACE OF ORGANIZATION Cayman Islands						
NUMBER OF	(5)	SOLE VOTING POWER 229,568					
BENEETCIAI		SHARED VOTING POWER					
	.n.t (0)	0					
OWNED BY							

	_			
EACH	_	(7)	SOLE DISPOSITIVE POWER 229,568	
REPORTING	3			
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 0	
(9)		EACH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON	
(10)			IF THE AGGREGATE AMOUNT) EXCLUDES CERTAIN SHARES **	[]
(11)		AMOUNT	F CLASS REPRESENTED IN ROW (9)	
(12)	TYPE CO	E OF R	EPORTING PERSON **	
			** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.	0510)6U105	13G/A	Page 5 of 17 Page:
(1)			REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS	
	Rami	lus Ma	ster Fund, Ltd.	
(2)	CHEC	CK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X] (b) []
(3)	SEC	USE O	NLY	
(4)	Cayr	IZENSH nan Is	IP OR PLACE OF ORGANIZATION lands	
NUMBER OF			SOLE VOTING POWER 995,017	
	- LLY	(6)	SHARED VOTING POWER 0	
OWNED BY	-			
EACH		(7)	SOLE DISPOSITIVE POWER 995,017	
REPORTING)			
PERSON WI	ТН	(8)	SHARED DISPOSITIVE POWER	
(9)			AMOUNT BENEFICIALLY OWNED EPORTING PERSON	

	995 , 017		
(10)		IF THE AGGREGATE AMOUNT EXCLUDES CERTAIN SHARES **	[]
(11)		F CLASS REPRESENTED IN ROW (9)	
(12)	TYPE OF F	EPORTING PERSON **	
		** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.	05106U105	13G/A	Page 6 of 17 Page
(1)		REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS	
	Ramius Se	curities, L.L.C. 58-2253019	
(2)	CHECK THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X] (b) []
(3)	SEC USE C	NLY	
(4)	CITIZENSE Delaware	IP OR PLACE OF ORGANIZATION	
NUMBER OF	(5)	SOLE VOTING POWER 338,184	
BENEFICIA OWNED BY	LLY (6)	SHARED VOTING POWER 0	
EACH		SOLE DISPOSITIVE POWER 338,184	
REPORTING			
PERSON WI	TH (8)	SHARED DISPOSITIVE POWER 0	
(9)		AMOUNT BENEFICIALLY OWNED EPORTING PERSON	
(10)		IF THE AGGREGATE AMOUNT EXCLUDES CERTAIN SHARES **	[]
(11)		F CLASS REPRESENTED IN ROW (9)	
(12)	TYPE OF F	EPORTING PERSON **	

		** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.	05106U105	13G/A	Page 7 of 17 Pages
(1)	I.R.S. IDE	REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS	
(2)		visors, LLC 13-3954331APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X] (b) []
(3)	SEC USE O	ILY	
(4)	CITIZENSHI Delaware	P OR PLACE OF ORGANIZATION	
NUMBER OF	(5)	SOLE VOTING POWER 995,017	
BENEFICIA	 LLY (6)	SHARED VOTING POWER	
OWNED BY		0	
EACH	(7)	SOLE DISPOSITIVE POWER 995,017	
REPORTING			
PERSON WI	TH (8)	SHARED DISPOSITIVE POWER 0	
(9)		AMOUNT BENEFICIALLY OWNED	
(10)		IF THE AGGREGATE AMOUNT EXCLUDES CERTAIN SHARES **	[]
		CLASS REPRESENTED IN ROW (9)	
		EPORTING PERSON **	
		** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.	05106U105	13G/A	Page 8 of 17 Page:
(1)		REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS	

	C4S &	Co.	, LLC 13-3946794	
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X] (b) []
(3)	SEC U	SE O	NLY	
(4)	CITIZ Delaw		IP OR PLACE OF ORGANIZATION	
NUMBER OF	,	(5)	SOLE VOTING POWER	
SHARES			1,784,993	
BENEFICIA	LLY	(6)	SHARED VOTING POWER 0	
OWNED BY				
EACH		(7)	SOLE DISPOSITIVE POWER 1,784,993	
REPORTING			1,704,993	
PERSON WI	TH	(8)	SHARED DISPOSITIVE POWER 0	
(9)		CH R	AMOUNT BENEFICIALLY OWNED EPORTING PERSON	
(10)			IF THE AGGREGATE AMOUNT) EXCLUDES CERTAIN SHARES **	[]
(11)		OUNT	F CLASS REPRESENTED IN ROW (9)	
(12)	TYPE OO	OF R	EPORTING PERSON **	
			** SEE INSTRUCTIONS BEFORE FILLING OUT!	
CUSIP No.	05106	U105	13G/A	Page 9 of 17 Page
(1)			REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS	
	Peter	Α.	Cohen	
(2)	CHECK	THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	(a) [X] (b) []
(3)	SEC U	 SE O	NLY	
(4)	CITIZ Unite		IP OR PLACE OF ORGANIZATION ates	

NUMBER OF		(5)	SOLE VOTING POWER			
SHARES			0			
BENEFICIAI	LLY	(6)	SHARED VOTING POWER			
OWNED BY			1,784,993			
EACH		(7)	SOLE DISPOSITIVE POWER			
REPORTING			0			
PERSON WIT	 ГН	(8)	SHARED DISPOSITIVE POWER 1,784,993			
(9)	BY E		AMOUNT BENEFICIALLY OWNED EPORTING PERSON			
(10)			IF THE AGGREGATE AMOUNT) EXCLUDES CERTAIN SHARES **	[]		
		TUUOM	F CLASS REPRESENTED IN ROW (9)			
(12)	TYPE IN	OF R	EPORTING PERSON **			
			** SEE INSTRUCTIONS BEFORE FILLING OUT!			
CUSIP No.	0510	6U105	13G/A	Page 10 of 17	Page:	
(1)			REPORTING PERSONS ENTIFICATION NO. OF ABOVE PERSONS			
	Morga	an B.	Stark			
(2)	CHECI	K THE	APPROPRIATE BOX IF A MEMBER OF A GROUP **	* (a) [X] (b) []		
(3)	SEC (JSE O	NLY			
(4)	CITIZENSHIP OR PLACE OF ORGANIZATION United States					
NUMBER OF		(5)	SOLE VOTING POWER			
SHARES			0			
	LLY	(6)	SHARED VOTING POWER 1,784,993			
OWNED BY EACH			COLE DISDOSITIVE DOMED			
ĽАСП		(/)	SOLE DISPOSITIVE POWER			

REPORTING ______ PERSON WITH (8) SHARED DISPOSITIVE POWER 1,784,993 ______ (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,784,993 (10) CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES ** (11) PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (9) (12) TYPE OF REPORTING PERSON ** IN ** SEE INSTRUCTIONS BEFORE FILLING OUT! CUSIP No. 05106U105 13G/A Page 11 of 17 Pages -----(1) NAMES OF REPORTING PERSONS I.R.S. IDENTIFICATION NO. OF ABOVE PERSONS Thomas W. Strauss (2) CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP ** (a) [X] (b) [] _____ (3) SEC USE ONLY (4) CITIZENSHIP OR PLACE OF ORGANIZATION United States NUMBER OF (5) SOLE VOTING POWER SHARES ______ BENEFICIALLY (6) SHARED VOTING POWER 1,784,993 OWNED BY ______ (7) SOLE DISPOSITIVE POWER REPORTING ______ (8) SHARED DISPOSITIVE POWER PERSON WITH 1,784,993 ______ (9) AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,784,993 ______

(10)		IF THE AG					[[]	
(11)		F CLASS RE							
(12)	TYPE OF F	EPORTING F	ERSON **						
		** SEE IN	ISTRUCTION:	S BEFORE F	FILLING OUT!				
CUSIP No.	05106U105	i		13G/A		Page	12 of	17	Page
(1)	I.R.S. ID	REPORTING		ABOVE PEF	RSONS				
	Jeffrey M	I. Solomon							
(2)	CHECK THE	APPROPRI <i>A</i>	TE BOX IF	A MEMBER	OF A GROUP *	*	(a) (b)		
(3)	SEC USE C	NLY							
(4)	CITIZENSE United St	IIP OR PLAC	E OF ORGA	NIZATION					
NUMBER OF	(5)	SOLE VOTI	NG POWER						
SHARES		0							
BENEFICIAL	 LLY (6)	SHARED VC 1,784,993		R					
EACH	` '	SOLE DISF	OSITIVE P	OWER					
REPORTING									
PERSON WIT		SHARED DI 1,784,993							
(9)		AMOUNT BE		Y OWNED					
(10)		IF THE AG]	[]	
(11)		F CLASS RE							
(12)	TYPE OF F	EPORTING F	ERSON **						
		** SEE IN	ISTRUCTION	 S BEFORE F	FILLING OUT!				

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This Amendment No. 1 (this "Amendment") amends the statement on Schedule 13G filed on July 8, 2005 (as amended, the "Schedule 13G") with respect to shares of common stock no par value per share of August Technology Corporation, a Minnesota Corporation (the "Company"). Capitalized terms used herein and no otherwise defined in this Amendment have the meanings set forth in the Schedule 13G. This Amendment amends and restates Item 4 in its entirety as set forth below.

Item 4. Ownership

Provide the following information regarding the aggregate number and percentage of the class of securities of the issuer identified in Item 1.

(a) Amount beneficially owned:

As of the date hereof, (i) RCG Ambrose Master Fund, Ltd., a Cayman Islands company ("Ambrose") owns 222,224 shares of Common Stock, (ii) RCG Halifax Fund, Ltd., a Cayman Islands company ("Halifax") owns 229,568 shares of Common Stock, (iii) Ramius Master Fund, Ltd., a Cayman Islands Company ("Ramius Master Fund") owns 995,017 shares of Common Stock, and (iv) Ramius Securities, L.L.C., a Delaware limited liability company ("Ramius Securities") owns 338,184 shares of Common Stock. In addition, (i) Ramius Advisors, LLC, a Delaware limited liability company ("Ramius Advisors") may be deemed to beneficially own the 995,017 shares owned by Ramius Master Fund and (ii) each of Ramius Capital Group, LLC, a Delaware limited liability company ("Ramius Capital"), C4S & Co., L.L.C., a Delaware limited liability company ("C4S"), Peter A. Cohen ("Mr. Cohen"), Morgan B. Stark ("Mr. Stark"), Thomas W. Strauss ("Mr. Strauss") and Jeffrey M. Solomon ("Mr. Solomon") may be deemed to beneficially own all shares of Common Stock held by Ambrose, Halifax, Ramius Master Fund and Ramius Securities, an aggregate number of 1,784,993 shares of Common Stock.

Note: Ramius Capital is the investment advisor of Ambrose and Halifax and has the power to direct some of the affairs of Ambrose and Halifax, including decisions respecting the disposition of the proceeds from the sale of shares of the Common Stock. Ramius Advisors is the investment advisor of Ramius Master Fund and has the power to direct some of the affairs of Ramius Master Fund, including decisions respecting the disposition of the proceeds from the sale of shares of the Common Stock. Ramius Capital is the managing member of Ramius Advisors. Ramius Securities is a broker dealer affiliated with Ramius Capital. Ramius Capital is the Managing Member of Ramius Securities. C4S is the managing member of Ramius Capital and in that capacity directs its operations. Mr. Cohen, Mr. Stark, Mr. Strauss and Mr. Solomon are the managing members of C4S and in that capacity direct its operations. 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 Mr. Cohen, Mr. Stark, Mr. Strauss and Mr. Solomon disclaims beneficial ownership of the shares of Common Stock owned by Ambrose, Halifax, Ramius Master Fund and Ramius Securities 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 the Form 10Q filed by the Company on November 9, 2005, there were 18,294,438 shares of Common Stock outstanding as of October 31, 2005. Therefore, (i) Ambrose may be deemed to beneficially own 1.21% of the

outstanding shares of Common Stock, (ii) Halifax may be deemed to beneficially own 1.25% of the outstanding shares of Common Stock, (iii) each of Ramius Master

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Fund and Ramius Advisors may be deemed to beneficially own 5.44% of the outstanding shares of Common Stock, (iv) Ramius Securities may be deemed to beneficially own 1.85% of the outstanding shares of Common Stock, and (v) each of Ramius Capital, C4S, Mr. Cohen, Mr. Stark, Mr. Strauss and Mr. Solomon may be deemed to beneficially own 9.76% 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 Item 4(a)

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

See Item 4(a)

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

See Item 4(a)

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

See Item 4(a)

Exhibits:

Exhibit I: Power of attorney for Peter A. Cohen, Morgan B. Stark, Thomas W. Strauss and Jeffrey M. Solomon dated March 11, 2005.

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SIGNATURES

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

Dated: February 14, 2006

RAMIUS CAPITAL GROUP, LLC

By: C4S & Co., L.L.C., as Managing Member

RCG AMBROSE MASTER FUND, LTD.

By: Ramius Capital Group, LLC, its Investment Advisor

By: C4S & Co., L.L.C., its Managing Member

RCG HALIFAX FUND, LTD. By: Ramius Capital Group, LLC, its Investment Advisor By: C4S & Co., L.L.C., as Managing Member RAMIUS MASTER FUND, LTD. By: Ramius Advisors, LLC, its Investment Advisor By: Ramius Capital Group, LLC, its Managing Member By: C4S & Co., L.L.C., as Managing Member RAMIUS SECURITIES, L.L.C. By: Ramius Capital Group, LLC, its Managing Member By: C4S & Co., L.L.C., its Managing Member RAMIUS ADVISORS, LLC By: Ramius Capital Group, LLC, its Managing Member By: C4S & Co., L.L.C., as Managing Member CUSIP No. 05106U105 13G/A Page 16 of 17 Pages C4S & CO., L.L.C. By: /s/ Jeffrey M. Solomon Authorized Person PETER A. COHEN MORGAN B. STARK THOMAS W. STRAUSS JEFFREY M. SOLOMON /s/ Jeffrey M. Solomon By: Jeffrey M. Solomon

Individually and as Attorney-in-Fact for each of Peter A. Cohen, Morgan B. Stark

and Thomas W. Strauss

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EXHIBIT I

POWER OF ATTORNEY

The undersigned hereby appoints Peter A. Cohen, Morgan B. Stark, Thomas W. Strauss and Jeffrey M. Solomon, or any of them, his true and lawful attorney-in fact and agent to execute and file with the Securities and Exchange Commission any Schedule 13D, Schedule 13G, any amendments thereto and any related documentation which may be required to be filed in his individual capacity as a result of the undersigned's beneficial ownership of, or participation in a group with respect to, securities directly or indirectly beneficially owned by Ramius Capital Group, LLC or any of its affiliates, and granting unto said attorney-in-fact and agent full power and authority to do and perform each and every act and thing which he might or could do in person, hereby ratifying and confirming all that said attorney-in-fact and agent may lawfully do or cause to be done by virtue hereof. The authority of Peter A. Cohen, Morgan B. Stark, Thomas W. Strauss and Jeffrey M. Solomon, or any of them, under this Power of Attorney shall continue with respect to the undersigned until the undersigned is no longer required to file Schedule 13Ds or Schedule 13Gs unless revoked earlier in writing.

Date: March 11, 2005

/s/ Morgan B. Stark
----Morgan B. Stark

/s/ Thomas W. Strauss
-----Thomas W. Strauss

/s/ Jeffrey M. Solomon
-----Jeffrey M. Solomon