AUGUST TECHNOLOGY CORP

Form SC 13G/A

February 03, 2003

SEC 1745 (02-02)

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UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

SCHEDULE 13G

OMB APPROVAL OMB Number: 3235-0145

Expires: December 31, 2005 Estimated average burden hours per response. . 11

Under the Securities Exchange Act of 1934 (Amendment No. 2)*

AUGUST TECHNOLOGY CORPORATION

(Name of Issuer)

Common Stock

(Title of Class of Securities)

05106U 105

(CUSIP Number)

December 31, 2002

(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)
- o Rule 13d-1(c)
- ý 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 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. 05106U 10 5

1.	Names of Reporting Persons. I.R.S. Identification Nos. of above persons (entities only) Mark R. Harless			
2.	Check the Appropriate Box if a Member of a Group (See Instructions)			
	(a)	0		
	(b)	o		
3.	SEC Use Only			
4.	Citizenship or Place of Organization U.S.A.			
	5.		Sole Voting Power	
			1,176,865 (includes 5,500 shares which may be	
			purchased upon exercise of currently exercisable options)	
Number of	6.		Shared Voting Power	
Shares			0	
Beneficially Owned by			O .	
Each	7.		Sole Dispositive Power	
Reporting			1,176,865 (includes 5,500 shares which may be	
Person With			purchased upon exercise of currently exercisable	
			options)	
	8.		Shared Dispositive Power	
			0	
9.	Aggregate Amount Beneficially Owned by Each Reporting Person			
	1,176,865 (includes 5,500 shares which may be purchased upon exercise of currently exercisable			
	options)			
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions)			
	0			
11.	Percent of Class Represented by Amount in Row (9)			
	8.9%			
12.	Type of Reporting Person (See Instructions) IN			

Item 1.			
	(a)	Name of Issuer	
		August Technology Corporation	
	(b)	Address of Issuer's Principal Executive Offices	
		4900 West 78th Street	
		Bloomington, MN 55435	
Item 2.			
	(a)	Name of Person Filing	
		See Cover Page Item 1	
	(b)	Address of Principal Business Office or, if none, Residence	
		4900 West 78th Street	
		Bloomington, MN 55435	
	(c)	Citizenship	
		See Cover Page Item 4	
	(d)	Title of Class of Securities	
		Common Stock	
	(e)	CUSIP Number	
		See Cover Page	
Item 3.	If this statement is filed pursuant to §§240.13d-1(b) or 240.13d-2(b) or (c), check whether the person filing is a:		
		Not applicable	
		3	

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.

See Cover Page Items 5 through 11

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 five percent of the class of securities,

check the following O.

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

Not applicable

Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being

Reported on By the Parent Holding Company or Control Person.

Not applicable

Item 8. Identification and Classification of Members of the Group

Not applicable

Item 9. Notice of Dissolution of Group

Not applicable

Item 10. Certification

Not applicable

Signature

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 as of December 31, 2002.

January 30, 2003

Date

/s/ Mark R. Harless
Signature

Mark R. Harless

Name/Title

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Signature 7