

AUGUST TECHNOLOGY CORP
 Form 4
 January 24, 2005

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person *
BERNARDS JAMES A

2. Issuer Name and Ticker or Trading Symbol
AUGUST TECHNOLOGY CORP [AUGT]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 7200 METRO BLVD.
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 01/21/2005

Director 10% Owner
 Officer (give title below) Other (specify below)

EDINA, MN 55419
 (City) (State) (Zip)

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)
 Form filed by One Reporting Person
 Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
				(A) or (D)	Code V Amount (D) Price		
Common Stock					25,088	D	
Common Stock					50,000	I	By Dougherty Summit Opportunity Fund I ⁽¹⁾

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

SEC 1474 (9-02)

number.

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. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	Amount or Number of Shares
Stock Option (right to buy)	\$ 13.375					01/05/2001 01/05/2008	Common Stock	0
Stock Option (right to buy)	\$ 10					01/08/2002 01/08/2009	Common Stock	0
Stock Option (right to buy)	\$ 14.24					04/05/2002 04/05/2009	Common Stock	0
Stock Option (right to buy)	\$ 22.65					01/08/2004 01/08/2011	Common Stock	0
Stock Option (right to buy)	\$ 8.8					01/07/2005 01/07/2012	Common Stock	0
Stock Option (right to buy)	\$ 7.99	01/21/2005		A	15,000	01/21/2005 01/21/2012	Common Stock	15,000

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BERNARDS JAMES A 7200 METRO BLVD.	X			

EDINA, MN 55419

Signatures

Robert K. Ranum as Attorney-in-Fact for James A. Bernards pursuant to Power of Attorney
previously filed.

01/24/2005

__Signature of Reporting Person

Date

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) Reporting person disclaims beneficial ownership of the securities held by Dougherty Summit Opportunity Fund I, and this report shall not be deemed an admission that the reporting person is the beneficial owner of the securities for purposes of Section 16 or any other purpose.

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.