AYERS FREDERICK H

Form 4

February 24, 2005

FORM 4

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

OMB Number:

3235-0287 January 31,

0.5

Check this box if no longer

subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

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OMB APPROVAL

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obligations may continue. See Instruction

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

1(b).

Common

Stock

02/23/2005

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading AYERS FREDERICK H Issuer Symbol COMPEX TECHNOLOGIES INC (Check all applicable) [CMPX] (Last) (First) (Middle) 3. Date of Earliest Transaction X_ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) below) 0123 HEREFORD ROAD, BOX 02/23/2005 2253 (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting BOULDER, CO 81632 Person (City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 2. Transaction Date 2A. Deemed 1. Title of 3. 4. Securities Acquired 5. Amount of 6. 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction(A) or Disposed of (D) Securities Ownership Indirect (Instr. 3) Code (Instr. 3, 4 and 5) Beneficially Form: Direct Beneficial (Month/Day/Year) (Instr. 8) Owned (D) or Ownership Indirect (I) **Following** (Instr. 4)

(A)

Price

3.0625

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

Reported

41,676

Transaction(s) (Instr. 3 and 4) (Instr. 4)

D

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

Code V Amount (D)

5.000

M

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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. Transacti Code (Instr. 8)	onof D Secu Acq (A) Disp (D)	urities uired or posed of tr. 3, 4,	6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Underlying Securities (Instr. 3 and 4)		8 II S ((
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Director Stock Option	\$ 3.0625	02/23/2005		M		5,000	03/17/1998	03/16/2005	Common Stock	5,000	
Director Stock Option	\$ 2.6875						07/01/1998	06/30/2005	Common Stock	2,500	
Director Stock Option	\$ 3.3125						07/01/1999	06/30/2006	Common Stock	2,500	
Director Stock Option	\$ 2.8125						07/01/2000	06/30/2007	Common Stock	2,500	
Director Stock Option	\$ 3.3						07/02/2001	07/01/2008	Common Stock	2,500	
Director Stock Option	\$ 3.85						12/14/2001	12/14/2011	Common Stock	15,000	
Director Stock Option	\$ 3.5						07/19/2002	07/19/2012	Common Stock	15,000	
Director Stock Option	\$ 10.41						12/06/2003	12/06/2013	Common Stock	10,000	
Director Stock Option	\$ 5.18						11/11/2004	11/11/2014	Common Stock	10,000	

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
	X						

Reporting Owners 2

AYERS FREDERICK H 0123 HEREFORD ROAD BOX 2253 BOULDER, CO 81632

Signatures

Frederick H. 02/23/2005 Ayers

**Signature of Date
Reporting Person

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).

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.

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