

METRETEK TECHNOLOGIES INC
 Form 4
 August 16, 2005

FORM 4

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

OMB APPROVAL

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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 *
 GRUBER & MCBAIN CAPITAL MANAGEMENT LLC

2. Issuer Name and Ticker or Trading Symbol
 METRETEK TECHNOLOGIES INC [MEK]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 50 OSGOOD PLACE

3. Date of Earliest Transaction (Month/Day/Year)
 08/12/2005

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

(Street)
 SAN FRANCISCO, CA 94133

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

(City) (State) (Zip)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|--|
| | | | | (A) or (D) | Price | | |
| Common Stock | 08/12/2005 | | S | 1,000 D | \$ 4.19 | 79,464 ⁽²⁾ ⁽⁴⁾ | D |
| Common Stock | 08/12/2005 | | S | 1,000 D | \$ 4.19 | 74,664 ⁽³⁾ ⁽⁴⁾ | D |
| Common Stock | 08/12/2005 | | S | 9,000 D | \$ 4.19 | 923,812 ⁽⁴⁾ | I |

By Limited Partnership and Investment Advisory Accounts ⁽¹⁾ ⁽⁵⁾

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

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(9-02)

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) | 8. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Beneficially Owned Following Reported Transaction (Instr. 3) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

GRUBER & MCBAIN CAPITAL MANAGEMENT LLC
50 OSGOOD PLACE
SAN FRANCISCO, CA 94133

X

Signatures

GRUBER & MCBAIN CAPITAL MANAGEMENT, LLC By: /s/ J. Patterson McBaine, J. Patterson McBaine, Manager

08/16/2005

__Signature of Reporting Person

Date

/s/ Jon D. Gruber

08/16/2005

__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) This form is filed by Gruber & McBaine Capital Management, LLC (GMCM), a limited liability company that is an investment adviser for client accounts and a general partner of investment limited partnerships; Jon D. Gruber (Gruber) and J. Patterson McBaine (McBaine), who are managers, members and portfolio managers of GMCM; Eric B Swergold (Swergold) who is a member and portfolio manager of GMCM, and J. Lynn Rose (Rose) who is a member and portfolio advisor of GMCM.

(2) By Gruber.

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(3) By McBaine.

(4) This total is the number of shares beneficially owned after the transactions reported in accounts and investment partnerships in which the reporting persons have some pecuniary interest; the total excludes shares held in other client accounts managed by GMCM in which the reporting persons have no pecuniary interest.

(5) By GMCM, as an investment adviser for client accounts and a general partner of investment partnerships, and by Gruber and McBaine as managers, members and portfolio managers of GMCM, and by Swergold as a member and portfolio manager of GMCM and Rose as a member and portfolio advisor of GMCM. GMCM, Gruber, McBaine, Swergold and Rose have pecuniary interest in those client accounts and partnerships that in the aggregate represent less than the total number of shares shown in Items 4 and 5. Each such reporting person disclaims beneficial ownership of the securities with respect to which indirect beneficial ownership is reported, except to the extent of that reporting persons pro rata pecuniary interest therein.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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