FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| l | OMB APPRO              | DVAL      |  |  |  |  |  |
|---|------------------------|-----------|--|--|--|--|--|
|   | OMB Number:            | 3235-0287 |  |  |  |  |  |
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| l | 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).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* SCOTT CHARLES THOMAS /NY |   |   |                 |         |   | 2. Issuer Name <b>and</b> Ticker or Trading Symbol  EMCORE CORP [ EMKR ] |   |  |   |     |  |       |                |   | (Check all a  |  | nip of Reporting F<br>oplicable)<br>ector                               |  | Person(s) to Issuer 10% Owner |   |  |
|---|---|---|-----------------|---------|---|--|---|--|---|-----|--|-------|----------------|---|---|--|---|--|-------------------------------|---|--|
|   | (Fir<br>MANOR FA  | ,   | Middle)         |         | 3. Date of Earliest Transaction (Month/Day/Year)  11/03/2005  Officer (give title below)  Other (special below) |  |   |  |   |     |  |       |                |   |   |  |   |  |                               |   |  |
| (Street) FERNHU (City)  | JRST X0   |   | GU273JA<br>Zip) |         | Line) X Form filed by   |  |   |  |   |     |  |       | n filed by One | oup Filing (Check Applicable<br>One Reporting Person<br>Nore than One Reporting |   |  |   |  |                               |   |  |
|   |   | Tabl  | e I - Nor       | n-Deriv | ative   | Se   | curitie   | s Acc  | quired,                                 | Dis | posed o  | f, or | Ben            | efici   | ally (  | Owne   | ed  |  |                               |   |  |
| Date  |   |   |                 | Date    |   |  | 2A. Deemed<br>Execution Date,<br>if any<br>(Month/Day/Year) |  | 3.<br>Transaction<br>Code (Instr.<br>8) |     |  |       |                |   | 4 and Second Ben Owr  |  | cially<br>I Following   | 6. Ownership<br>Form: Direct<br>(D) or Indirect<br>(I) (Instr. 4)  |                               | 7. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |  |
|   |   |   |                 |         |   |  |   |  | Code                                    | v   | Amount   |       | (A) or<br>(D)  | Price   |   | Reported<br>Transaction(s)<br>(Instr. 3 and 4) |   |  |                               | (111301.4)  |  |
| Common  | Stock   |   |                 | 11/03   | 3/2005  |  |   |  | A                                       |     | 110  |       | A              | \$5.  | 46  | 2  | 3,007   |  | By I Kircal Ltd.              |   |  |
| Common  | Stock   |   |                 |         |   |  |   |  |   |     |  |       |                |   |   | 1  | 2,000   | D  |                               |   |  |
|   |   | Та  | ble II - [<br>) |         |   |  |   |  |   |     | sed of,<br>onvertib  |       |                |   |   | vned   |   |  |                               |   |  |
| 1. Title of<br>Derivative<br>Security<br>(Instr. 3)               | 2.<br>Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date (Month/Day/Year)  3. Deemed Execution Date, if any (Month/Day/Year)  4. Transac Code (I Month/Day/Year) |                 |         | 5. Nu of Deriv Secul Acqu (A) or Dispo of (D) (Instr and 5  | ative<br>rities<br>ired<br>osed<br>. 3, 4                                | Expiratio<br>(Month/D                                       | Date Exercisable and Expiration Date Month/Day/Year)  Date Expiration Date Expiration Date |   |     | 7. Title and Amount of Securities Underlying Derivative Security (Instr. and 4)  Amount or Numbe of Title Shares |       | nt<br>er       |   | 9. Number of<br>derivative<br>Securities<br>Seneficially<br>Owned<br>Following<br>Reported<br>Transaction<br>(Instr. 4) | F<br>C<br>C                                    | LO.<br>Dwnership<br>Form:<br>Direct (D)<br>or Indirect<br>I) (Instr. 4) | 11. Nature<br>of Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |                               |   |  |

Explanation of Responses:

Remarks:

Charles Thomas Scott

11/03/2005

\*\* Signature of Reporting Person Date

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

- $^{\star}$  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.

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 Number.