

TERADYNE, INC  
Form 4  
May 24, 2012

**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 \*  
GILLIS EDWIN J

(Last) (First) (Middle)

TERADYNE, INC., 600  
RIVERPARK DRIVE

(Street)

NORTH READING, MA 01864

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
TERADYNE, INC [TER]

3. Date of Earliest Transaction  
(Month/Day/Year)  
05/22/2012

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

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

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

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
|                                 |                                      |  |                                | (A) or (D)<br>Code V Amount (D) Price                             |   |  |                                   |
| Common Stock                    | 05/24/2012                           |  | M                              | 7,813 A \$ 0  | 74,500  | D  |                                   |

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

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SEC 1474  
(9-02)

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

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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. 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. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Restricted Stock Units                     | \$ 0 <sup>(1)</sup>                                    | 05/24/2012                           |  | M                              | 7,813   | <sup>(1)</sup> / <sup>(1)</sup>                          | Common Stock  | 7,813                         |
| Restricted Stock Units                     | \$ 0 <sup>(2)</sup>                                    | 05/22/2012                           |  | A                              | 8,225   | <sup>(3)</sup> / <sup>(3)</sup>                          | Common Stock  | 8,225                         |

## Reporting Owners

| Reporting Owner Name / Address   | Relationships |           |         |       |
|--|---------------|-----------|---------|-------|
|  | Director      | 10% Owner | Officer | Other |
| GILLIS EDWIN J<br>TERADYNE, INC.<br>600 RIVERPARK DRIVE<br>NORTH READING, MA 01864 |               | X         |         |       |

## Signatures

/s/ Ryan E. Driscoll, Deputy General Counsel, by power of attorney 05/24/2012

\_\_\_\_\_  
\*\*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) Indicates conversion upon vesting of 100% of the time-based Restricted Stock Units (RSU's) granted on May 24, 2011 under the Teradyne, Inc. 2006 Equity and Cash Compensation Incentive Plan.
- (2) Each RSU represents the right to receive one share of Teradyne, Inc. common stock.
- (3) These RSU's were issued under the Teradyne, Inc. 2006 Equity and Cash Compensation Incentive Plan, are time-based, and will vest in full on May 22, 2013.

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.