

Gray Charles Jeffrey
Form 4
May 03, 2011

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

OMB APPROVAL

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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 *
Gray Charles Jeffrey

(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)
05/01/2011

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)
VP, General Counsel & Secretary

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount | (A) or (D) | Price |
| Common Stock | 05/01/2011 | | M | | 8,125 | A | \$ 0 20,762 |
| Common Stock | 05/02/2011 | | F(1) | | 2,580 | D | \$ 0 18,182 |
| Common Stock | 05/03/2011 | | S | | 2,770 | D | \$ 15.69 15,412 |
| Common Stock | 05/03/2011 | | M | | 20,313 | A | \$ 6.29 35,725 |
| Common Stock | 05/03/2011 | | S | | 15,913 | D | \$ 15.63 19,812 |

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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 Underlying Security (Instr. 3 and 4) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|
| Restricted Stock Unit | \$ 0 ⁽²⁾ | 05/01/2011 | | M | 8,125 | ⁽²⁾ ⁽²⁾ | Common Stock |
| Non-Qualified Stock Option (Right to Buy) | \$ 6.29 | 05/03/2011 | | M | 20,313 | 05/01/2010 ⁽³⁾ 05/01/2016 | Common Stock |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Gray Charles Jeffrey TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING, MA 01864 | | | VP, General Counsel & Secretary | |

Signatures

/s/ Ryan Driscoll, Deputy General Counsel, by power of attorney 05/03/2011

__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) Shares/units withheld but not issued to satisfy certain tax withholding obligations.
- (2) Indicates conversion upon vesting of 25% of the time-based Restricted Stock Units (RSU's) granted on May 1, 2009. The remaining portion will vest in two equal installments annually on the anniversary of the grant.
- (3)

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This option is granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan and is exercisable at the rate of 25% per year, commencing on the date of the first anniversary of the grant, May 1, 2010.

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.