## Form

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border-bottom-width: 1">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 Beneficial Ownership

(Instr. 4)CodeVAmount(A) or (D)Price Common Stock05/10/2016 M 7,335 A \$ 18.95 81,403 D

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

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 control number.

SEC 1474

(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. Transacti Code (Instr. 8)	5. Numl orDerivati Securiti Acquire Dispose (Instr. 3	ve es d (A) or d of (D)	6. Date Exer Expiration D (Month/Day	ate	7. Title and Amount of Underlying Securities (Instr. 3 and 4)	
				Code V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	<u>(1)</u>	05/10/2016		M		7,335	(2)	(2)	Common Stock	7,335
Restricted Stock Units	(1)	05/10/2016		A	9,235		<u>(3)</u>	(3)	Common Stock	9,235

## **Reporting Owners**

Reporting Owner Name / Address	Relationships						
1 8	Director	10% Owner	Officer	Other			
GILLIS EDWIN J TERADYNE, INC. 600 RIVERPARK DRIVE NORTH READING, MA 01864	X						

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## **Signatures**

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

05/12/2016

\*\*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) Each Restricted Stock Unit (RSU) represents the right to receive one share of Teradyne, Inc. common stock.
- 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 the earlier of May 12, 2016 or the date the 2016 Annual Meeting of Shareholders is held.
- (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 the earlier of May 10, 2017 or the date the 2017 Annual Meeting of Shareholders is held.

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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