TERADYN Form 4 February 08 FORM Check th if no lon subject t Section Form 4 Form 5 obligatio may con <i>See</i> Instr 1(b).	, 2017 A 4 UNITED STAN this box ger o 16. or Filed pursuan Section 17(a) of Section 17(a) o	Wa I T OF CHAN nt to Section 1	shington, NGES IN SECUR (6(a) of th (tility Hold	D.C. 20 BENEFI ATTIES e Securit ding Con	549 [CIA ies E ipany	L OWN xchange Act of		OMB Number: Expires: Estimated a burden hour response	0
(Print or Type	Kesponses)								
1. Name and A Gray Charle	Address of Reporting Perso es Jeffrey	Symbol	er Name and DYNE, IN			ıg	5. Relationship of Issuer		
(Last)	(First) (Middl	e) 3. Date o	f Earliest Tı	ransaction			(Checl	k all applicable)
TERADYN RIVERPAI	IE, INC., 600 RK DRIVE	(Month/I 02/06/2	Day/Year) 2017				Director X_ Officer (give below) VP,General		Owner r (specify cretary
NORTH RI	(Street) EADING, MA 01864		endment, Da nth/Day/Year	-			6. Individual or Jo Applicable Line) _X_ Form filed by C Form filed by M	one Reporting Per	rson
(City)	(State) (Zip)	Tab	la I Non F	Domissotisso	Soone	itios A ag	Person uired, Disposed of	or Ponoficial	v Ownod
1.Title of Security (Instr. 3)	2. Transaction Date 2A (Month/Day/Year) Exa any (M	. Deemed ecution Date, if	3.	4. Securit on(A) or Dis (Instr. 3, 4	ies Ac sposec	equired l of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect
			Code V	Amount	(D)	Price \$	(Instr. 3 and 4)		
Common Stock	02/06/2017		S	11,037	D	$\frac{0}{(1)}^{(1)}$	53,161	D	
Common Stock	02/06/2017		М	3,888	А	\$ 16.95	57,049	D	
Common Stock	02/06/2017		S	3,888	D	\$ 28.57 (2)	53,161	D	
Common Stock	02/06/2017		М	9,442	А	\$ 16.56	62,603	D	
	02/06/2017		S	9,442	D		53,161	D	

Common Stock					\$ 28.57 <u>(1)</u>		
Common Stock	02/06/2017	М	8,553	А	\$ 19.16	61,714	D
Common Stock	02/06/2017	S	8,553	D	\$ 28.57 (<u>3)</u>	53,161	D
Common Stock	02/06/2017	М	7,280	А	\$ 18.1	60,441	D
Common Stock	02/06/2017	S	7,280	D	\$ 28.57 (3)	53,161	D
Common Stock	02/06/2017	М	3,302	А	\$ 19.43	56,463	D
Common Stock	02/06/2017	S	3,302	D	\$ 28.57 (4)	53,161	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.

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. Transactio Code (Instr. 8)	5. Number on f Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	(Month/Day/Year)		Derivative Expiration Date Under courities (Month/Day/Year) (Instru- couried a) or isposed of b) nstr. 3, 4,		7. Title and Underlying (Instr. 3 and	Secu
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	An or Nu of Sh		
Non-qualified Stock Option (Right to Buy)	\$ 16.95	02/06/2017		М	3,888	01/27/2013(5)	01/27/2019	Common Stock	3		
Non-qualified Stock Option (Right to Buy)	\$ 16.56	02/06/2017		М	9,442	01/25/2014(6)	01/25/2020	Common Stock	9		

Non-qualified Stock Option (Right to Buy)	\$ 19.16	02/06/2017	М	8,553	01/24/2015(7)	01/24/2021	Common Stock	8
Non-qualified Stock Option (Right to Buy)	\$ 18.1	02/06/2017	М	7,280	01/30/2016(8)	01/30/2022	Common Stock	7
Non-qualified Stock Option (Right to Buy)	\$ 19.43	02/06/2017	М	3,302	01/29/2017 <u>(9)</u>	01/29/2023	Common Stock	3

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 E. Driscoll, Deputy General Counsel, by power of attorney

**Signature of Reporting Person

02/08/2017 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).
- The reported price is based on a weighted average of multiple same-day transactions with prices ranging from \$28.42 to \$28.71 per share.(1) Full information regarding the number of shares sold at each separate price is available to the Securities and Exchange Commission staff, the Issuer or any security holder of the Issuer upon request.

The reported price is based on a weighted average of multiple same-day transactions with prices ranging from \$28.42 to \$28.72 per share.(2) Full information regarding the number of shares sold at each separate price is available to the Securities and Exchange Commission staff, the Issuer or any security holder of the Issuer upon request.

The reported price is based on a weighted average of multiple same-day transactions with prices ranging from \$28.42 to \$28.73 per share.(3) Full information regarding the number of shares sold at each separate price is available to the Securities and Exchange Commission staff, the Issuer or any security holder of the Issuer upon request.

The reported price is based on a weighted average of multiple same-day transactions with prices ranging from \$28.42 to \$28.68 per share.(4) Full information regarding the number of shares sold at each separate price is available to the Securities and Exchange Commission staff, the Issuer or any security holder of the Issuer upon request.

- (5) This option is granted under Teradyne's 2006 Equity and Cash Compensation Incentive Plan, and is exerciseable at the rate of 25% per year, commencing on the date of the first anniversary of the grant, January 27, 2013.
- (6) 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, January 25, 2014.
- (7) 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, January 24, 2015.
- (8) 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, January 30, 2016.

(9) 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, January 29, 2017.

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.