Papaefstathiou Efstathios Form 4 January 10, 2018

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB 2005

OMB APPROVAL

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Check this box

Form 5 obligations may continue. See Instruction

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(b).

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading Papaefstathiou Efstathios Issuer Symbol CRAY INC [CRAY] (Check all applicable) (Last) (First) (Middle) 3. Date of Earliest Transaction (Month/Day/Year) Director 10% Owner X_ Officer (give title _ Other (specify C/O CRAY INC., 901 FIFTH 01/09/2018 below) below) **AVENUE, SUITE 1000** SVP, R&D (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Filing(Check Filed(Month/Day/Year) Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting SEATTLE, WA 98164 Person

(City)	(State)	(Zip) Tabl	e I - Non-D	erivative	Secur	ities Acq	uired, Disposed of	f, or Beneficial	ly 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. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	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)
Common Stock	01/09/2018		M	9,000	A	<u>(1)</u>	9,000	D	
Common Stock	01/09/2018		F	3,579 (2)	D	\$ 25.15 (3)	5,421	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)

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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. Transactic Code (Instr. 8)	5. Number out 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. Pr Deriv Secu (Instr
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Unit (RSU)	(1)	01/09/2018		M	9,000	<u>(4)</u>	<u>(4)</u>	Common Stock	9,000	\$

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Papaefstathiou Efstathios C/O CRAY INC., 901 FIFTH AVENUE SUITE 1000

SVP, R&D

SEATTLE, WA 98164

Signatures

/s/ Michael C. Piraino as attorney-in-fact for Efstathios Papaefstathiou

01/10/2018

**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 represents a contingent right to receive one share of the issuer's Common Stock.
- Represents shares of Common Stock that were withheld by the issuer to satisfy applicable income tax withholding obligations in connection with the net settlement of the restricted stock units listed in Table II and does not represent a sale of Common Stock by the reporting person.
- (3) Represents the per share closing price of the issuer's Common Stock on the applicable vesting date or, if there was no closing price on such date, the closing price on the trading date that was immediately prior to such vesting date.
- On January 9, 2017, the reporting person was granted 36,000 restricted stock units, with one quarter vesting on each of January 9, 2018, (4) January 9, 2019, January 9, 2020 and January 9, 2021, subject to the reporting person's provision of service to the issuer on each vesting date.

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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