FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

| OMB APPROVAL | | | | | | | | |
|---------------------|----------|--|--|--|--|--|--|--|
| OMB Number: | 3235-028 | | | | | | | |
| Estimated average b | ourden | | | | | | | |

0.5

hours per response:

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

| 1. Name and Address of Reporting Person* <u>Amon Cristina</u> | | | | | | 2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI] | | | | | | | | | | | p of Reporting Person(s) to Issu blicable) ctor 10% Own | | | | |
|---|--|------|--------------------------|---------|--|--|----------------------------------|---|------------------|-----|---|-------|------|------------------|---------------------|---|---|---|--|------------|--|
| (Last) 2 TECH | Last) (First) (Middle) TECH DRIVE | | | | | 3. Date of Earliest Transaction (Month/Day/Year) 05/04/2015 | | | | | | | | | | Office | er (give title v) | | Other (sp below) | | |
| (Street) ANDOV (City) | | |)1810 Zip) | | 4. If | 4. If Amendment, Date of Original Filed (Month/Day/Year) | | | | | | | | | Individ ne) X | Form | I or Joint/Group Filing (Check Applicable orm filed by One Reporting Person orm filed by More than One Reporting erson | | | | |
| | | Tabl | e I - Noi | n-Deriv | ative | Sec | curitie | s Acc | quired, | Dis | posed o | f, or | Bene | eficia | ally C | wne | ed | | | | |
| 1. Title of Security (Instr. 3) 2. Transac Date (Month/Da | | | | | Execution Date, | | | 3. Transaction Code (Instr. 8) 4. Securities Acquired (A) Disposed Of (D) (Instr. 3, 4) 5) | | | | | | and Secu Bene | | cially I Following | 6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4) | | 7. Nature of Indirect Beneficial Ownership (Instr. 4) | | |
| | | | | | | | | | Code | v | Amount (A) or (D) | | | Price | , l [.] | Transaction(s) (Instr. 3 and 4) | | | | (11311. 4) | |
| Common Stock | | | | 05/04 | 1/2015 | | | | A ⁽¹⁾ | | 3,959.2 | 76 | A | A (2) | | 30,782.824 | | D | | | |
| | 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) | | | n Date, ay/Year) - | | Transaction Operation (A) (A) (A) (B) (B) (B) (B) (B) (B) (B) (B) (B) (B | | rities ired osed . 3, 4 | 6. Date E Expiratio (Month/D | n Dat | е | Amount of Securities Underlying Derivative Security (Instr. and 4) | | ount | nt er | | 9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4) | Own Form Direc or In (I) (Ir | | 11. Nature of Indirect Beneficial Ownership (Instr. 4) | | |

Explanation of Responses:

- 1. This RSU grant fully vests on the day prior to the first annual meeting of shareholders following the date of grant (or if no such meeting is held within 13 months after the date of grant, on the 13 month anniversary of the date of grant).
- 2. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.

/s/Renee M. Donlan POA 05/06/2015

** Signature of Reporting Person

Date

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

- * 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).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.