COOL JONATHAN Form 4 April 15, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

if no longer subject to Section 16. Form 4 or

Check this box

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 5 obligations **SECURITIES**

Estimated average burden hours per response...

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

0.5

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **COOL JONATHAN**

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to Issuer

Symbol

LUNA INNOVATIONS INC

(Check all applicable)

[LUNA]

(Last)

(Middle)

3. Date of Earliest Transaction

X_ Director 10% Owner

(Month/Day/Year)

04/13/2011

Other (specify Officer (give title

C/O LUNA INNOVATIONS INCORPORATED, 1 RIVERSIDE

(Street)

(First)

CIRCLE, SUITE 400

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting

ROANOKE, VA 24015

(City) (State) (Zip) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

Stock

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities Acquired 5. Amount of Transaction(A) or Disposed of Code (D) (Instr. 8) (Instr. 3, 4 and 5)

Securities Beneficially (D) or Owned Following

6. Ownership 7. Nature of Form: Direct Indirect Beneficial Indirect (I) Ownership (Instr. 4) (Instr. 4)

Amount (D)

Reported (A) Transaction(s) (Instr. 3 and 4) Price

Code V Common 04/13/2011

12,760 \$0 24,880 (1)

D

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

Persons who respond to the collection of **SEC 1474** information contained in this form are not (9-02)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)

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1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	Execution Date, if any (Month/Day/Year)	4. Transacti Code (Instr. 8)	5. Number of orDerivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exerc Expiration D (Month/Day/	ate	7. Title and A Underlying S (Instr. 3 and	Securities	8 I S (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock Unit	<u>(2)</u>	04/13/2011		M	25,531	<u>(1)</u>	<u>(1)</u>	Common Stock	25,531	

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Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
COOL JONATHAN C/O LUNA INNOVATIONS INCORPORATED 1 RIVERSIDE CIRCLE, SUITE 400 ROANOKE, VA 24015	X					

Signatures

/s/ Talfourd H. Kemper, Jr.,
Attorney-In-Fact
04/15/2011

**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).
- The shares underlying this restricted stock unit were eligible for vesting in six monthly installments after May 10, 2010, the date of the reporting person's appointment of the issuer's Acting President and Chief Operating Officer. The reporting person's service in this capacity ceased as of August 10, 2010, as a result of which the restricted stock units vested with respect to 12,760 of the underlying shares.
- (2) Each restricted stock unit represented a contingent right to receive one share of common stock of the issuer.

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.

Reporting Owners 2