LUNA INNOVATIONS INC

Form 4

December 20, 2006

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

OMB Number:

Expires:

3235-0287 January 31,

0.5

Check this box if no longer

subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

2005 Estimated average burden hours per

OMB APPROVAL

response...

Form 5 obligations may continue.

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

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person *

Messick Dale E

2. Issuer Name and Ticker or Trading

Symbol

LUNA INNOVATIONS INC

[LUNA]

Issuer

below)

(Check all applicable)

Chief Financial Officer

5. Relationship of Reporting Person(s) to

(Last)

(First)

(Middle)

3. Date of Earliest Transaction

(Month/Day/Year) 12/20/2006

Director 10% Owner X_ Officer (give title

Other (specify

C/O LUNA INNOVATIONS INCORPORATED, 1703 S. JEFFERSON STREET SW, SUITE

400

4. If Amendment, Date Original

Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check

Applicable Line)

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

ROANOKE, VA 24016

(City) (State) (Zip)

(Street)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

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

any

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D) (Instr. 8) (Instr. 3, 4 and 5) 5. Amount of Securities Beneficially Owned Following

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

(A) or Code V Amount (D)

Reported Transaction(s)

(Instr. 3 and 4) Price

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)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transactic Code (Instr. 8)	5. Number of orDerivative 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 1 9 (
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (right to buy)	\$ 3.42	12/20/2006		A	75,000	<u>(1)</u>	12/20/2016	Common Stock	75,000	

Reporting Owners

Reporting Owner Name / Address	Relationships					
. 0	Director	10% Owner	Officer	Other		
Messick Dale E C/O LUNA INNOVATIONS INCORPORATED 1703 S. JEFFERSON STREET SW, SUITE 400 ROANOKE, VA 24016			Chief Financial Officer			

Signatures

Aaron S. Hullman,
attorney-in-fact

**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).
- Such options become exercisable as follows: 40% on the two year anniversary of the transction date and the remaining 60% pro-rata on a monthly basis for 36 months thereafter, subject to the Reporting Person continuing to be a service provider on such vesting dates. Vesting of options is subject to acceleration upon certain events as set forth in the Reporting Person's employment agreement with the Issuer.
- (2) Not applicable.

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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