

Harris Stratex Networks, Inc.
 Form 4
 February 23, 2007

FORM 4

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

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2005
 Estimated average burden hours per response... 0.5

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES

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. Name and Address of Reporting Person *
THOMSEN CARL

(Last) (First) (Middle)
 120 ROSE ORCHARD WAY
 (Street)

SAN JOSE, CA 95134

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol
**Harris Stratex Networks, Inc.
 [HSTX]**

3. Date of Earliest Transaction (Month/Day/Year)
 02/21/2007

4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

___ Director ___ 10% Owner
 ___ Officer (give title below) ___X___ Other (specify below)
 See Remarks

6. Individual or Joint/Group Filing(Check Applicable Line)
 ___X___ Form filed by One Reporting Person
 ___ Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially 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. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5) | 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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount | (D) | Price |
| Class A Common Stock | 02/21/2007 | | M | | 17,000 | A | \$ 8.2 |
| | | | | | 33,084 | | D |
| Class A Common Stock | 02/21/2007 | | S | | 17,000 | D | \$ 20.7626 |
| | | | | | 16,084 | | D |
| Class A Common Stock | 02/21/2007 | | M | | 10,000 | A | \$ 6.88 |
| | | | | | 26,084 | | D |
| Class A Common | 02/21/2007 | | S | | 10,000 | D | \$ 20.7626 |
| | | | | | 16,084 | | D |

Stock

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.

SEC 1474
(9-02)

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. Transaction Code (Instr. 8) | 5. Number of 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 Security (Instr. 3 and 4) | | |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------|----------------|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Am or Num of S |
| Non-Qualified Stock Option (right to buy) | \$ 8.2 | 02/21/2007 | | M | 17,000 | 12/20/2006 12/20/2009 | Class A Common Stock | 17 | |
| Non-Qualified Stock Option (right to buy) | \$ 6.88 | 02/21/2007 | | M | 10,000 | 01/26/2007 06/30/2012 | Class A Common Stock | 10 | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------------|
| | Director | 10% Owner | Officer | Other |
| THOMSEN CARL 120 ROSE ORCHARD WAY SAN JOSE, CA 95134 | | | | See Remarks |

Signatures

/s/ Carl Thomsen 02/23/2007

**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).

Remarks:

Former Sr. Vice President & CFO of Stratex Networks, Inc.

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

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