

Gigoux Marilyn Ann
 Form 4/A
 February 16, 2010

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

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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 *
 Gigoux Marilyn Ann

2. Issuer Name and Ticker or Trading Symbol
 AVIAT NETWORKS, INC.
 [AVNW]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
 RESEARCH TRIANGLE
 PARK, 637 DAVIS DRIVE
 (Street)

3. Date of Earliest Transaction
 (Month/Day/Year)
 01/25/2010

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
 SVP, Chief Human Resources Off

MORRISVILLE, NC 27560

4. If Amendment, Date Original Filed(Month/Day/Year)
 01/27/2010

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

(City) (State) (Zip)

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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | | (A) or (D) | Price | | |
| Common Stock | 01/25/2010 | | A | 9,698 <u>(1)</u> <u>(2)</u> | \$ 0 9,698 | 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)

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. 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 Securities (Instr. 3 and 4) | 8. Price of Derivative Security (Instr. 5) | 9. Nu Deriv Secur Bene Own Follo Repo Trans (Instr | | |
|---|--|---|---|--------------------------------------|--|--|---|---|--|--|--|
| | | | | | | | Date Exercisable | Expiration Date | Title | Amount or Number of Shares | |
| | | | | | | | Code | V | (A) | (D) | |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | | |
|--|---------------|-----------|---------|--------------------------------------|--|
| | Director | 10% Owner | Officer | Other | |
| Gigoux Marilyn Ann RESEARCH TRIANGLE PARK 637 DAVIS DRIVE MORRISVILLE, NC 27560 | | | | SVP, Chief Human Resources Off | |

Signatures

/s/ Marilyn Ann
Gigoux 02/16/2010

**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).
- This amendment is being filed to correct the vesting schedule previously reported (original filing 1/27/2010, with the Issuer formerly named "Harris Stratex Networks, Inc." [HSTX]) of the performance shares granted on January 25, 2010. No change in the securities previously reported is being made.

- (1) Performance shares, which are subject to vesting. Vesting requires both (a) continuing employment with the Corporation through the end of the Corporation's fiscal year 2012 (approximately June 29, 2012), and (b) achievement of at least the minimum cumulative performance result for the three-year period set forth in the Specific Terms and Conditions. Unvested performance shares are subject to repurchase by the Corporation at \$0.01 per share if eligible employment ends or, following the determination of actual Corporation performance versus metrics, to the extent such performance shares do not vest.
- (2)

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.