

Rerolle Vincent
Form 4
July 14, 2009

FORM 4

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

OMB APPROVAL

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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 *
Rerolle Vincent

2. Issuer Name and Ticker or Trading Symbol
WIND RIVER SYSTEMS INC
[WIND]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)
500 WIND RIVER WAY

(Street)

3. Date of Earliest Transaction (Month/Day/Year)
07/10/2009

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
SVP & Gen. Mgr., Linux Div.

ALAMEDA, CA 94501

(City) (State) (Zip)

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

6. Individual or Joint/Group Filing(Check Applicable Line)
 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 Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| | | | Code | V | Amount or Price (D) | | |
| Common Stock | 07/10/2009 | | U | | 9,069 (1) \$ 11.5 | D | |
| Common Stock | 07/10/2009 | | M | | 36,572 A \$ 0 | D | |
| Common Stock | 07/10/2009 | | F | | 13,075 (2) \$ 11.5 | D | |
| Common Stock | | | | | 1,709 (8) | I | Under 401(k) Plan |

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

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(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 Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Restricted Stock Units | (3) | 07/10/2009 | | M | 3,250 | (4) (5) | Common Stock | 3,250 |
| Restricted Stock Units | (3) | 07/10/2009 | | M | 3,325 | (6) (5) | Common Stock | 3,325 |
| Restricted Stock Units | (3) | 07/10/2009 | | M | 29,997 | (7) (5) | Common Stock | 29,997 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-----------------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Rerolle Vincent 500 WIND RIVER WAY ALAMEDA, CA 94501 | | | SVP & Gen. Mgr., Linux Div. | |

Signatures

/s/ Ian R. Halifax, by power of attorney
07/14/2009

**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).
- (1) Includes 640 shares acquired under the Wind River, Inc. stock purchase plan on June 30, 2009.
- (2)

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Reflects shares withheld to cover taxes in connection with the vesting of restricted stock units awarded on April 20, 2007, March 24, 2008 and March 20, 2009.

- (3) Each restricted stock unit represents a contingent right to receive one share of WIND common stock.

A total of 13,000 restricted stock units were originally awarded on April 20, 2007 of which 6,500 units have vested and converted into an equal number of shares of common stock. Pursuant to the terms of the Executive Officers' Change of Control Incentive and Severance

- (4) Benefit Plan, as amended, 3,250 units vested and shares became issuable on July 10, 2009 upon a change of control. The remaining units shall vest and shares become issuable on April 20, 2010.

- (5) Not applicable.

A total of 13,300 restricted stock units were originally awarded on March 24, 2008 of which 3,325 units have vested and converted into an equal number of shares of common stock. Pursuant to the terms of the Executive Officers' Change of Control Incentive and Severance

- (6) Benefit Plan, as amended, 3,325 units vested and shares became issuable on July 10, 2009 upon a change of control. The remaining units shall vest and shares become issuable in two equal annual installments beginning on March 24, 2010.

A total of 90,000 restricted stock units were originally awarded on March 20, 2009. Pursuant to the terms of the Executive Officers' Change of Control Incentive and Severance Benefit Plan, as amended, 29,997 units vested and shares became issuable on July 10, 2009

- (7) upon a change of control. The remaining units shall vest and shares become issuable in two equal annual installments beginning on March 20, 2010.

As of July 10, 2009, the reporting person owned approximately 5,356 units, which units represent interests in a Wind River 401(k) Plan.

- (8) As of July 10, 2009, those units equate to approximately 1,709 shares of Wind River common stock at the closing price of Wind River common stock on July 10, 2009 of \$11.50.

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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