

Rerolle Vincent
Form 4
April 22, 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)
04/20/2009

____ Director _____ 10% Owner
 Officer (give title below) _____ Other (specify below)
SVP & GM, Linux Division

ALAMEDA, CA 94501

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

(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)
			Code	V Amount (D) Price			
Common Stock	04/20/2009		M	3,250 A <u>(1)</u>	9,591	D	
Common Stock	04/20/2009		F	1,162 D <u>(2)</u>	\$ 6.49 8,429	D	
Common Stock					3,814.703 <u>(3)</u>	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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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. Filing Date of Derivative Security (Instr. 3)
Restricted Stock Units	(4)	04/20/2009		M	3,250	04/20/2009 (5)	Common Stock	3,250

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Rerolle Vincent 500 WIND RIVER WAY ALAMEDA, CA 94501			SVP & GM, Linux Division	

Signatures

/s/ Ian R. Halifax, by Power of Attorney
Date: 04/22/2009

**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) The reporting person received shares of Wind River common stock upon vesting of some of the restricted stock units granted on April 20, 2007.
- (2) Upon the vesting and the release of some of the restricted stock units granted to the reporting person on April 20, 2009, some of the vested restricted stock units were withheld to cover applicable income and payroll withholding taxes due on the release of the units.
- (3) As of April 20, 2009, the reporting person owned 3814.703 units, which units represent interests in a Wind River 401(k) Plan. As of April 20, 2009, those units equate to approximately 1228.4636 shares of Wind River common stock at the closing price of Wind River common stock on April 20, 2009 of \$6.49. This information is based on a plan statement dated as of April 20, 2009.
- (4) Some of the restricted stock units granted to the reporting person on April 20, 2009 vested and the reporting person received shares of Wind River common stock as reported in Table I above.

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(5) The restricted stock units vest in four equal annual installments beginning on April 20, 2008.

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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