

Rerolle Vincent
 Form 4
 April 22, 2008

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)
 04/20/2008

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

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 (A) or (D) Price			
Common Stock	04/20/2008		M	3,250 A (1)	4,270 (2)	D	
Common Stock	04/20/2008		F	1,162 D \$ 8.52 (3)	3,108	D	
Common Stock					597.1509 (4)	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. Amount or Number of Shares
Restricted Stock Units	(5)	04/20/2008		M	3,250	04/20/2008 (6)	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 Product Division	

Signatures

/s/ Ian R. Halifax, by Power of Attorney
Date: 04/22/2008

**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) Includes 362 shares and 658 shares acquired under the Wind River stock purchase plan on June 29, 2007 and December 31, 2007, respectively.
- (3) Upon the vesting of the restricted stock units granted to the reporting person on April 20, 2007, some of the vested restricted stock units were withheld to cover applicable income and payroll withholding taxes due on the release of the units.
- (4) As of April 18, 2008 the reporting person owned 1,863.636 units, which units represent interests in a Wind River 401(k) Plan. As of April 18, 2008 those units equate in value to approximately 597.1509 shares of Wind River common stock at the closing price of Wind River common stock on April 18, 2008 of \$8.52.

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- (5) Each restricted stock unit represents a contingent right to receive one share of WIND common stock.
- (6) The restricted stock units vest in four equal annual installments beginning on April 20, 2008.
- (7) Some of the restricted stock units granted the the reporting person on April 20, 2007 vested and the reporting person received shares of Wind River common stock as reported in Table 1 above.

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.