WIND RIVER SYSTEMS INC

Form 4

March 24, 2009

FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

SECURITIES

OMB Number:

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obligations

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 may continue.

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

See Instruction

1. Name and Address of Reporting Person * Barry Mainz			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			3. Date of Earliest Transaction (Month/Day/Year) 03/21/2009	Director 10% Owner _X_ Officer (give title Other (specify below) Chief Operating Officer			
	(Street)		4. If Amendment, Date Original Filed(Month/Day/Year)	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person			
ALAMEDA, C	A 94501			Form filed by More than One Reporting Person			

(City)	(State) (Z	Zip) Table	I - Non-De	erivative S	Securi	ties Acq	quired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactio Code (Instr. 8)	4. Securities Acquired on(A) or Disposed of (D) (Instr. 3, 4 and 5)			5. Amount of Securities Beneficially Owned Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)
C			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	03/21/2009		M	5,000	A	<u>(1)</u>	5,651 <u>(2)</u>	D	
Common Stock	03/21/2009		F	1,874	D	\$ 6.35 (3)	3,777	D	
Common Stock							2,625.5364 (<u>4)</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	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and		7. Title and Amount of		
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transacti	onof Derivative	Expiration Date		Underlying Securities		
Security	or Exercise		any	Code	Securities	(Month/Day/Year)		(Instr. 3 and 4)		
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Acquired					
	Derivative				(A) or					
	Security				Disposed of					
					(D)					
					(Instr. 3, 4,					
					and 5)					
									Amount	
									or	
						Date	Expiration	Title	Number	
						Exercisable	Date	Title	of	
				Code V	(A) (D)				Shares	
Restricted								Common		
Stock	<u>(5)</u>	03/21/2009		M	5,000	03/21/2009	(6)		5,000	
Units								Stock		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Barry Mainz

500 WIND RIVER WAY Chief Operating Officer

ALAMEDA, CA 94501

Signatures

/s/ Ian R. Halifax, by Power of

Attorney 03/24/2009

**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 March 21, 2007.
- (2) Includes 651 shares acquired under the Wind River Stock Purchase Plan on December 31, 2008.
- (3) Upon the vesting and the release of some of the restricted stock units granted to the reporting person on March 21, 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.
- As of March 20, 2009, the Reporting Person owned 8,132.789 units, which units reporesent interests in a 401(k) Plan. As of March 20, 2009, those units equate in value to approximately 2,625.5364 shares of Wind River common stock at the closing price of Wind River

(4) 2009, those units equate in value to approximately 2,625.5364 shares of Wind River common stock at the closing price of Wind River common stock on March 20, 2009 of \$6.35. This information is based on a plan statement dated as of March 20, 2009.

(5)

Reporting Owners 2

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Some of the restricted stock units granted to the reporting person on March 21, 2007 vested and the reporting person received shares of Wind River common stock as reported in Table I above.

(6) The restricted stock units vest in four equal annual installments beginning on March 21, 2008.

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.