MERU NETWORKS INC

Reported by

D. E. SHAW & CO, L.L.C.

FORM 4

(Statement of Changes in Beneficial Ownership)

Filed 04/07/10 for the Period Ending 04/05/10

Address	894 ROSS DRIVE SUNNYVALE, CA 94089
Telephone	4083162379
CIK	0001167294
Symbol	MERU

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FORM 4

[ ] Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. *See* Instruction 1(b).

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

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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(f) of the Investment Company Act of 1940

1. Name and Address of Reporting Person *	2. Issuer Name **and** Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer (Check all applicable)
D. E. Shaw Composite Side Pocket Series 5, L.L.C.	**MERU NETWORKS INC [MERU]**	____ Director __ **X** __ 10% Owner
(Last) (First) (Middle) **120 WEST FORTY-FIFTH STREET, 39TH FLOOR,**	3. Date of Earliest Transaction (MM/DD/YYYY) **4/5/2010**	____ Officer (give title below) __ **X** __ Other (specify below) **See Footnotes 1, 2, and 3.**
(Street) **NEW YORK, NY 10036** (City) (State) (Zip)	4. If Amendment, Date Original Filed (MM/DD/YYYY)	6. Individual or Joint/Group Filing (Check Applicable Line) ___ Form filed by One Reporting Person _ **X** _ 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. Trans. Date	2A. Deemed Execution Date, if any	3. Trans. 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 Indirect Beneficial Ownership (Instr. 4)
			Code	V	Amount	(A) or (D)	Price			
Common Stock	**4/5/2010**		**C**		**952018**	**A**	(4)	**952018**	**D** (1) (2) (3)	
Common Stock	**4/5/2010**		**C**		**412948**	**A**	(5)	**1364966**	**D** (1) (2) (3)	
Common Stock	**4/5/2010**		**C**		**46536**	**A**	(5)	**1411502**	**D** (1) (2) (3)	

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series D Convertible Preferred Stock	(4)	**4/5/2010**		**C**			**8351754**	(6)	(7)	**Common Stock**	**952018**	(4)	**0**	**D** (2) (3) (8)	
Series E Convertible Preferred Stock	(5)	**4/5/2010**		**C**			**4601404**	(6)	(7)	**Common Stock**	**412948**	(5)	**0**	**D** (2) (3) (9)	
Preferred Stock Warrant	**$0.7023**	**4/5/2010**		**X**			**876262**	(6)	(7)	**Series E Convertible Preferred Stock**	**518558** (10)	(5)	**0**	**D** (2) (3) (9)	
Series E Convertible Preferred Stock	**$0.7023**	**4/5/2010**		**X**		**518558** (10)		(6)	(7)	**Common Stock**	**46536**	(5)	**0**	**D** (2) (3) (9)	

Table II - Derivative Securities Beneficially Owned (*e.g.* , puts, calls, warrants, options, convertible securities)

1. Title of Derivate Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Trans. Date	3A. Deemed Execution Date, if any	4. Trans. 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		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following Reported Transaction (s) (Instr. 4)	10. Ownership Form of Derivative Security: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares				
Series E Convertible Preferred Stock	(5)	**4/5/2010**		**C**			**518558**	(6)	(7)	**Common Stock**	**46536**	(5)	**0**	**D** (2) (3) (9)	

Explanation of Responses:

(1) 952,018 shares of the Issuer's Common Stock are held directly by D. E. Shaw Composite Side Pocket 5, L.L.C. ("Composite") and 459,484 shares of the Issuer's Common Stock are held directly by Laminar Direct Capital, L.L.C. ("LDC").

(2) D. E. Shaw & Co., L.P. ("DESCO LP"), as investment adviser to Composite and investment adviser and managing member of LDC; D. E. Shaw & Co., L.L.C. ("DESCO LLC"), as manager of Composite; and Mr. David E. Shaw ("David E. Shaw") (as president and sole shareholder of D. E. Shaw & Co., Inc., which is the general partner of DESCO LP, and as president and sole shareholder of D. E. Shaw & Co. II, Inc., which is the managing member of DESCO LLC) may be deemed to be the beneficial owners of all, or certain of, the securities reported in this Form 4 for the purposes of Rule 16a-1(a) of the Securities Exchange Act of 1934. (Cont'd in FN 3)

(3) In accordance with instruction 4(b)(iv), the entire number of shares of Common Stock of the Issuer that may be deemed to be beneficially owned by DESCO LP or DESCO LLC was previously reported. None of DESCO LP, DESCO LLC, or David E. Shaw owns any shares of Common Stock directly, and each disclaims beneficial ownership of any of the securities reported, except to the extent of any pecuniary interest therein.

(4) Each outstanding share of the Issuer's Series D Convertible Preferred Stock automatically converted into approximately 0.11399 shares of the Issuer's Common Stock upon the closing of the initial public offering of the Issuer's Common Stock.

(5) Each outstanding share of the Issuer's Series E Convertible Preferred Stock automatically converted into approximately 0.08974 shares of the Issuer's Common Stock upon the closing of the initial public offering of the Issuer's Common Stock.

(6) Immediately.

(7) N/A.

(8) The Series D Convertible Preferred Stock of the Issuer to which this form relates were held directly by Composite.

(9) The Series E Convertible Preferred Stock and Preferred Stock Warrants of the Issuer to which this form relates were held directly by LDC.

(10) Represents the net number of the Issuer's Series E Convertible Preferred Stock issued in a cashless exercise of the Preferred Stock Warrants after the exclusion of shares representing the exercise price.

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
D. E. Shaw Composite Side Pocket Series 5, L.L.C. 120 WEST FORTY-FIFTH STREET, 39TH FLOOR NEW YORK, NY 10036		**X**		**See Footnotes 1, 2, and 3.**
Laminar Direct Capital, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036		**X**		**See Footnotes 1, 2, and 3.**
D. E. SHAW & CO, L.P. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036		**X**		**See Footnotes 1, 2, and 3.**
D. E. SHAW & CO, L.L.C. 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036		**X**		**See Footnotes 1, 2, and 3.**
SHAW DAVID E 120 WEST FORTY-FIFTH STREET 39TH FLOOR NEW YORK, NY 10036		**X**		**See Footnotes 1, 2, and 3.**

Signatures

D. E. Shaw Composite Side Pocket Series 5, L.L.C. By: /s/Rochelle Elias, Authorized Signatory	**4/7/2010**
** Signature of Reporting Person	Date
Laminar Direct Capital, L.L.C. By: /s/Rochelle Elias, Authorized Signatory	**4/7/2010**
** Signature of Reporting Person	Date
D. E. Shaw & Co., L.P. By: /s/Rochelle Elias, Chief Compliance Officer	**4/7/2010**
** Signature of Reporting Person	Date
D. E. Shaw & Co., L.L.C. By: /s/Rochelle Elias, Authorized Signatory	**4/7/2010**
** Signature of Reporting Person	Date
David E. Shaw By: /s/Rochelle Elias, Attorney-in-Fact for David E. Shaw	**4/7/2010**
** Signature of Reporting Person	Date

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

***** 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).

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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