HENNESSY JOHN L

Check this box

if no longer

Section 16.

Form 4 or

obligations

may continue.

See Instruction

Form 5

subject to

Form 4 April 17, 2007

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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Expires:

January 31, 2005

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response...

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

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 5. Relationship of Reporting Person(s) to 2. Issuer Name and Ticker or Trading HENNESSY JOHN L Issuer Symbol ATHEROS COMMUNICATIONS (Check all applicable) INC [ATHR] (Last) (First) (Middle) 3. Date of Earliest Transaction _X__ Director 10% Owner Officer (give title Other (specify (Month/Day/Year) C/O ATHEROS 04/16/2007 COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY

(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 Form filed by More than One Reporting

SANTA CLARA,, CA 95054

(City)

(City)	(State) (Zip) Table	e I - Non-D	erivative	Secur	ities Acq	uired, 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. Securi on(A) or Di (Instr. 3,	ispose	d of (D)	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)
			Code V	Amount	(A) or (D)	Price	Reported Transaction(s) (Instr. 3 and 4)		
Common Stock	04/16/2007		S <u>(1)</u>	200	D	\$ 26.69	85,099	I	See Footnote (2)
Common Stock	04/16/2007		S <u>(1)</u>	300	D	\$ 26.65	84,799	I	See Footnote
Common Stock	04/16/2007		S(1)	100	D	\$ 26.64	84,699	I	See Footnote

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Common Stock	04/16/2007	S(1)	600	D	\$ 26.59	84,099	I	See Footnote
Common Stock	04/16/2007	S(1)	100	D	\$ 26.58	83,999	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	400	D	\$ 26.57	83,599	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	200	D	\$ 26.56	83,399	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	300	D	\$ 26.54	83,099	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	250	D	\$ 26.53	82,849	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	150	D	\$ 26.52	82,699	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	300	D	\$ 26.51	82,399	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	800	D	\$ 26.5	81,599	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	100	D	\$ 26.48	81,499	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	200	D	\$ 26.47	81,299	I	See Footnote (2)
Common Stock	04/16/2007	S <u>(1)</u>	200	D	\$ 26.45	81,099	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	100	D	\$ 26.44	80,999	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	400	D	\$ 26.43	80,599	I	See Footnote
Common Stock	04/16/2007	S(1)	100	D	\$ 26.42	80,499	I	See Footnote

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								(2)
Common Stock	04/16/2007	S <u>(1)</u>	600	D	\$ 26.4	79,899	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	800	D	\$ 26.39	79,099	I	See Footnote
Common Stock	04/16/2007	S(1)	200	D	\$ 26.37	78,899	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	300	D	\$ 26.32	78,599	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	300	D	\$ 26.29	78,299	I	See Footnote
Common Stock	04/16/2007	S(1)	100	D	\$ 26.28	78,199	I	See Footnote
Common Stock	04/16/2007	S(1)	100	D	\$ 26.22	78,099	I	See Footnote
Common Stock	04/16/2007	S(1)	16	D	\$ 26.21	78,083	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	84	D	\$ 26.2	77,999	I	See Footnote
Common Stock	04/16/2007	S <u>(1)</u>	100	D	\$ 26.19	77,899	I	See Footnote

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

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

SEC 1474 (9-02)

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.	6. Date Exercisable and	7. Title and	8. Price of	9. Nu
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onNumber	Expiration Date	Amount of	Derivative	Deriv
Security	or Exercise		any	Code	of	(Month/Day/Year)	Underlying	Security	Secui
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e	Securities	(Instr. 5)	Bene
	Derivative				Securities	S	(Instr. 3 and 4)		Own

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Security

Acquired

(A) or

Disposed

of (D)

(Instr. 3,

4, and 5)

Code V (A) (D) Date Expiration Title Amount

Exercisable Date or Number

of Shares Follo

Repo

Trans

(Insti

Reporting Owners

Reporting Owner Name / Address

Director 10% Owner Officer Other

HENNESSY JOHN L C/O ATHEROS COMMUNICATIONS, INC. 5480 GREAT AMERICA PARKWAY SANTA CLARA,, CA 95054

X

Signatures

Bruce P. Johnson, Attorney-in-fact 04/17/2007

**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 sales reported in this Form 4 were effected pursuant to a Rule 10b5-1 trading plan.
- (2) By the 1993 Hennessy Revocable Trust

Remarks:

Remarks: Form 4 Filing 2 of 2 (continuation report): Related transactions effected by Reporting Person on April 16, 2007 are

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

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Reporting Owners 4