HENNESSY JOHN L Form 4 July 14, 2006

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16.

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005 Estimated average

0.5

Form 4 or Form 5 obligations may continue.

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

SECURITIES

burden hours per response...

See Instruction

30(h) of the Investment Company Act of 1940

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * HENNESSY JOHN L			2. Issuer Name and Ticker or Trading Symbol	5. Relationship of Reporting Person(s) to Issuer				
			ATHEROS COMMUNICATIONS INC [ATHR]	(Check all applicable)				
(Last)	(First)	(Middle)	3. Date of Earliest Transaction (Month/Day/Year)	X Director 10% Owner Officer (give title Other (specify				
C/O ATHEROS			07/13/2006	below) below)				
COMMUNI	CATIONS,	INC., 5480						
CPEAT AM	EDICA DA	DVWAV						

GREAT AMERICA PARKWAY

SANTA CLARA,, CA 95054

4. If Amendment, Date Original (Street)

6. Individual or Joint/Group Filing(Check Applicable Line)

Filed(Month/Day/Year)

X Form filed by One Reporting Person Form filed by More than One Reporting Person

(City)	(State)	(Zip) Tabl	le I - Non-D	Derivative Securities Acq	uired, Disposed of	f, or Beneficial	ly Owned
1.Title of	2. Transaction Date	2A. Deemed	3.	4. Securities Acquired	5. Amount of	6. Ownership	7. Nature
Security	(Month/Day/Year)	Execution Date, if	Transactio	on(A) or Disposed of (D)	Securities	Form: Direct	Indirect
(Instr. 3)		any	Code	(Instr. 3, 4 and 5)	Beneficially	(D) or	Beneficial
		(Month/Day/Year)	(Instr. 8)		Owned	Indirect (I)	Ownership
		•			E 11 '	(T + 4)	(T (1)

		(Month/Day/Year)	(Instr. 8)	Amount	(A) or (D)	Price	Following Reported Transaction(s) (Instr. 3 and 4)	Indirect (1) (Instr. 4)	Ownership (Instr. 4)
Common Stock	07/13/2006		S <u>(1)</u>		D	\$ 17.69	247,799	I	See Footnote
Common Stock	07/13/2006		S <u>(1)</u>	100	D	\$ 17.67	247,699	I	See Footnote
Common Stock	07/13/2006		S <u>(1)</u>	100	D	\$ 17.65	247,599	I	See Footnote

of

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Common Stock	07/13/2006	S <u>(1)</u>	600	D	\$ 17.6	246,999	I	See Footnote
Common Stock	07/13/2006	S(1)	200	D	\$ 17.52	246,799	I	See Footnote
Common Stock	07/13/2006	S(1)	100	D	\$ 17.51	246,699	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	600	D	\$ 17.49	246,099	I	See Footnote
Common Stock	07/13/2006	S(1)	300	D	\$ 17.42	245,799	I	See Footnote
Common Stock	07/13/2006	S(1)	300	D	\$ 17.4	245,499	I	See Footnote
Common Stock	07/13/2006	S(1)	600	D	\$ 17.38	244,899	I	See Footnote
Common Stock	07/13/2006	S(1)	300	D	\$ 17.32	244,599	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	300	D	\$ 17.31	244,299	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	300	D	\$ 17.3	243,999	I	See Footnote
Common Stock	07/13/2006	S(1)	300	D	\$ 17.23	243,699	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	300	D	\$ 17.2	243,399	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	100	D	\$ 17.18	243,299	I	See Footnote
Common Stock	07/13/2006	S <u>(1)</u>	500	D	\$ 17.17	242,799	I	See Footnote
Common Stock	07/13/2006	S(1)	100	D	\$ 17.14	242,699	I	See Footnote

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								(2)
Common Stock	07/13/2006	S <u>(1)</u>	300	D	\$ 17.13	242,399	I	See Footnote
Common Stock	07/13/2006	S(1)	300	D	\$ 17.11	242,099	I	See Footnote (2)
Common Stock	07/13/2006	S <u>(1)</u>	200	D	\$ 17.08	241,899	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	300	D	\$ 17.06	241,599	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	600	D	\$ 17.03	240,999	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	400	D	\$ 17.02	240,599	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	300	D	\$ 17.01	240,299	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	4,900	D	\$ 17	235,399	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	200	D	\$ 16.99	235,199	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	400	D	\$ 16.98	234,799	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	300	D	\$ 16.95	234,499	I	See Footnote (2)
Common Stock	07/13/2006	S(1)	300	D	\$ 16.94	234,199	I	See Footnote (2)

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

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SEC 1474 (9-02)

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Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title	e of 2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title a	and 8	3. Price of	9. Nu
Deriva	tive Conversio	on (Month/Day/Year)	Execution Date, if	Transacti	orNumber	Expiration D	ate	Amount	of I	Derivative	Deriv
Securit	ty or Exercis	e	any	Code	of	(Month/Day/	Year)	Underlyi	ing S	Security	Secui
(Instr.	3) Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securitie	es (Instr. 5)	Bene
	Derivative	e			Securities			(Instr. 3 a	and 4)		Own
	Security				Acquired						Follo
	Ť				(A) or						Repo
					Disposed						Trans
					of (D)						(Instr
					(Instr. 3,						
					4, and 5)						
								Λ.	mount		
						Date	Expiration	or Title Ni	umber		
						Exercisable	Date	of			
				Code V	(A) (D)				nares		
				Code v	(A) (D)			31.	iaics		

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

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



Signatures

Bruce P. Johnson, Attorney-in-fact 07/14/2006

**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 1 of 5 (continuation report): Related transactions effected by the Reporting Person on July 13, 2006

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.

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