#### **BARRATT CRAIG H**

Form 4

December 30, 2004

## FORM 4

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

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

**SECURITIES** 

OMB Number:

**OMB APPROVAL** 

3235-0287

Expires:

January 31, 2005

0.5

Estimated average burden hours per

response...

if no longer subject to Section 16. Form 4 or Form 5

Check this box

obligations may continue. See Instruction

12/30/2004

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 * BARRATT CRAIG H			2. Issuer Name and Ticker or Trading Symbol ATHEROS COMMUNICATIONS INC [ATHR]				5. Relationship of Reporting Person(s) to Issuer  (Check all applicable)			
(Mo				3. Date of Earliest Transaction (Month/Day/Year) 12/30/2004				X Director 10% OwnerX Officer (give title Other (specify below) President and CEO		
SUNNYVA	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 Person					
(City)	(State)	(Zip)	Tabl	e I - Non-D	erivative S	Securi	ties Acq	uired, Disposed o	f, or Beneficial	ly Owned
1.Title of Security (Instr. 3)	2. Transaction D (Month/Day/Yea	ar) Execution	med on Date, if Day/Year)	3. Transactic Code (Instr. 8)	4. Securit on(A) or Dis (Instr. 3, 4)	sposed	of (D)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	
Common Stock	12/30/2004			M	14,000	A	\$ 1.72	55,750	D	
Common Stock	12/30/2004			S <u>(1)</u>	1,000	D	\$ 10.2	54,750	D	
Common Stock	12/30/2004			S <u>(1)</u>	900	D	\$ 10	53,850	D	
Common Stock	12/23/2004			S(1)	49	D	\$ 9.93	53,801	D	

S(1)

951

D

52,850

D

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Common Stock					\$ 9.92			
Common Stock	12/30/2004	S <u>(1)</u>	1,000	D	\$ 9.9	51,850	D	
Common Stock	12/30/2004	S(1)	1,300	D	\$ 9.88	50,550	D	
Common Stock	12/30/2004	S(1)	1,300	D	\$ 9.87	49,250	D	
Common Stock	12/30/2004	S(1)	500	D	\$ 9.86	48,750	D	
Common Stock	12/30/2004	S(1)	1,000	D	\$ 9.85	47,750	D	
Common Stock	12/30/2004	S(1)	1,500	D	\$ 9.8	46,250	D	
Common Stock	12/30/2004	S <u>(1)</u>	1,400	D	\$ 9.78	44,850	D	
Common Stock	12/30/2004	S <u>(1)</u>	2,100	D	\$ 9.76	42,750	D	
Common Stock	12/30/2004	S <u>(1)</u>	1,000	D	\$ 9.75	41,750	D	
Common Stock						2,250	I	See footonte (2)
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Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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SEC 1474

(9-02)

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

			. 0 / 1		•					
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. Transactio Code (Instr. 8)	5. Number of or Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	Underlying	7. Title and Amount Underlying Securitic (Instr. 3 and 4)	
					Code V	(A) (D)	Date Exercisable Expiration Date	Title	Amou or Numb of Sha	

Employee Stock

14,000 04/10/2002(3) 04/10/2012 \$ 1.72 Option 12/30/2004 M

X

Common Stock

(right to buy)

### **Reporting Owners**

Relationships Reporting Owner Name / Address

> Director 10% Owner Officer Other

> > President and CEO

**BARRATT CRAIG H** C/O ATHEROS COMMUNICATIONS, INC. 529 ALMANOR AVENUE SUNNYVALE,, CA 94085

Signatures

Bruce P. Johnson, 12/30/2004 Attorney-in-fact

\*\*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.
  - These shares are held in trust for the benefit of the reporting person's son. The reporting person's brother-in-law is the trustee of the trust.
- (2) The reporting person disclaims beneficial ownership of these securities, and the filing of this report is not an admission that the reporting person is the beneficial owner of these securities for purposes of Section 16 or for any other purpose.
- All of the options became exercisable on 4/10/2002. The shares underlying the options are subject to the issuer's right of repurchase that (3) lapsed as to 90,749 of the shares on 4/1/2003, and lapses as to the remaining shares in 36 equal monthly installments beginning on 5/1/2003.

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.

Reporting Owners 3