

BARRATT CRAIG H  
Form 4  
January 24, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
Expires: January 31, 2005  
Estimated average burden hours per response... 0.5

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

**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(h) of the Investment Company Act of 1940

(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)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
President and CEO

(Last) (First) (Middle)

C/O ATHEROS COMMUNICATIONS, INC., 529 ALMANOR AVENUE

(Street)

3. Date of Earliest Transaction (Month/Day/Year)  
01/21/2005

4. If Amendment, Date Original Filed(Month/Day/Year)

6. Individual or Joint/Group Filing(Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

SUNNYVALE,, CA 94085

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. 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 Ownership (Instr. 4)
				(A) or (D)	Price		
			Code	V	Amount		
Common Stock	01/21/2005		M		20,000	A	\$ 1.72
Common Stock					65,750		D
Common Stock					2,250		I
Common Stock					2,250		I
							See footnote <sup>(1)</sup>
							See footnote <sup>(1)</sup>

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 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. Transaction 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 (Month/Day/Year)	7. Title and Underlying Security (Instr. 3 and 4)			
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title
Employee Stock Option (right to buy)	\$ 1.72	01/21/2005		M		20,000		04/09/2003 <sup>(2)</sup>	04/09/2013	Common Stock
Employee Stock Option (right to buy)	\$ 10.03	01/21/2005		A		150,000		<sup>(3)</sup>	01/21/2015	Common Stock

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
BARRATT CRAIG H C/O ATHEROS COMMUNICATIONS, INC. 529 ALMANOR AVENUE SUNNYVALE,, CA 94085	X		President and CEO	

## Signatures

Bruce P. Johnson,  
Attorney-in-fact

01/24/2005

\*\*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).
- 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.
- (1) 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 4/9/2003. The shares underlying the options are subject to the issuer's right of repurchase that
- (2) lapsed as to 318,749 of the shares on 2/23/2004, and lapses as to the remaining shares in 36 equal monthly installments beginning on 3/23/2004

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- (3) 25% of the options become exercisable on 1/21/2006, and the remaining options become exercisable in 36 equal monthly installments commencing on 2/21/06.

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.