

BARRATT CRAIG H
 Form 4
 May 10, 2006

FORM 4

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

OMB APPROVAL

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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(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., 5480 GREAT AMERICA PARKWAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
05/08/2006

SANTA CLARA,, CA 95054
 (City) (State) (Zip)

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

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. Transaction 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 Ownership (Instr. 4)
			Code	V	Amount or Price		
Common Stock	05/08/2006		M		90,900 A \$ 1.72	206,650	D
Common Stock	05/08/2006		S ⁽¹⁾		800 D \$ 25.89	205,850	D
Common Stock	05/08/2006		S ⁽¹⁾		700 D \$ 25.87	205,150	D
Common Stock	05/08/2006		S ⁽¹⁾		100 D \$ 25.86	205,050	D
	05/08/2006		S ⁽¹⁾		100 D	204,950	D

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Common Stock						\$ 25.81	
Common Stock	05/08/2006	<u>S(1)</u>	1,425	D	\$ 25.8	203,525	D
Common Stock	05/08/2006	<u>S(1)</u>	1,375	D	\$ 25.79	202,150	D
Common Stock	05/08/2006	<u>S(1)</u>	1,400	D	\$ 25.78	200,750	D
Common Stock	05/08/2006	<u>S(1)</u>	1,000	D	\$ 25.77	199,750	D
Common Stock	05/08/2006	<u>S(1)</u>	1,800	D	\$ 25.76	197,950	D
Common Stock	05/08/2006	<u>S(1)</u>	1,000	D	\$ 25.75	196,950	D
Common Stock	05/08/2006	<u>S(1)</u>	600	D	\$ 25.73	196,350	D
Common Stock	05/08/2006	<u>S(1)</u>	1,300	D	\$ 25.71	195,050	D
Common Stock	05/08/2006	<u>S(1)</u>	600	D	\$ 25.7	194,450	D
Common Stock	05/08/2006	<u>S(1)</u>	700	D	\$ 25.69	193,750	D
Common Stock	05/08/2006	<u>S(1)</u>	1,900	D	\$ 25.68	191,850	D
Common Stock	05/08/2006	<u>S(1)</u>	900	D	\$ 25.67	190,950	D
Common Stock	05/08/2006	<u>S(1)</u>	2,000	D	\$ 25.66	188,950	D
Common Stock	05/08/2006	<u>S(1)</u>	6,300	D	\$ 25.65	182,650	D
Common Stock	05/08/2006	<u>S(1)</u>	4,000	D	\$ 25.64	178,650	D
Common Stock	05/08/2006	<u>S(1)</u>	2,600	D	\$ 25.63	176,050	D
Common Stock	05/08/2006	<u>S(1)</u>	3,900	D	\$ 25.62	172,150	D
Common Stock	05/08/2006	<u>S(1)</u>	1,300	D	\$ 25.61	170,850	D
Common Stock	05/08/2006	<u>S(1)</u>	1,300	D	\$ 25.6	169,550	D
	05/08/2006	<u>S(1)</u>	1,900	D		167,650	D

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Common Stock						\$ 25.59			
Common Stock	05/08/2006		S ⁽¹⁾	3,800	D	\$ 25.58	163,850	D	
Common Stock	05/08/2006		S ⁽¹⁾	3,700	D	\$ 25.57	160,150	D	
Common Stock	05/08/2006		S ⁽¹⁾	2,600	D	\$ 25.56	157,550	D	
Common Stock							2,250	I	See Footnote ⁽⁴⁾
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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.

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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 Amount of Underlying Security (Instr. 3 and 4)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Employee Stock Options (right to buy)	\$ 1.72	05/08/2006		M	56,860	04/10/2002 ⁽²⁾	04/10/2012	Common Stock	56,860
Employee Stock Options (right to buy)	\$ 1.72	05/08/2006		M	34,040	04/09/2003 ⁽³⁾	04/09/2013	Common Stock	34,040

