

ARTUSI DANIEL A
 Form 4
 May 23, 2007

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 *
 ARTUSI DANIEL A

2. Issuer Name and Ticker or Trading Symbol
 ATHEROS COMMUNICATIONS INC [ATHR]

5. Relationship of Reporting Person(s) to Issuer
 (Check all applicable)

(Last) (First) (Middle)
 C/O ATHEROS COMMUNICATIONS, INC., 5480 GREAT AMERICA PARKWAY
 (Street)

3. Date of Earliest Transaction (Month/Day/Year)
 05/23/2007

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

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 Ownership (Instr. 4)
				(A) or (D)	Price		
Common Stock	05/23/2007		M	A	2,344 \$ 8.97	D	
Common Stock	05/23/2007		M	A	1,719 \$ 21.15	D	
Common Stock	05/23/2007		S	D	4,063 \$ 29.26	D	

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

SEC 1474 (9-02)

required to respond unless the form displays a currently valid OMB control number.

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 Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Director Stock Options (right to buy)	\$ 8.97	05/23/2007		M	2,344	<u>(1)</u> 10/23/2015	Common Stock 2,344
Director Stock Options (right to buy)	\$ 21.15	05/23/2007		M	1,719	<u>(2)</u> 05/24/2016	Common Stock 1,719
Director Stock Options (right to buy)	\$ 29.15	05/23/2007		A	7,500	<u>(3)</u> 05/22/2017	Common Stock 7,500

Reporting Owners

Reporting Owner Name / Address

Relationships

Director 10% Owner Officer Other

ARTUSI DANIEL A
C/O ATHEROS COMMUNICATIONS, INC. X
5480 GREAT AMERICA PARKWAY
SANTA CLARA, CA 95054

Signatures

Bruce P. Johnson,
Attorney-in-fact 05/23/2007

**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) 25% of the options became exercisable on 10/24/2006, and the remaining options become exercisable in 36 equal monthly installments commencing 11/24/2006. All of the options will become exercisable upon the occurrence of a change in control of the Issuer.
- (2) The options become exercisable in 48 equal monthly installments commencing on June 25, 2006. All of the options will become exercisable upon the occurrence of a change in control of the Issuer.
- (3) The options become exercisable in 48 equal monthly installments commencing on June 23, 2007. All of the options will become exercisable upon the occurrence of a change in control of the Issuer.

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.