

MILLS STEVEN RICHARD  
 Form 4  
 May 29, 2012

**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 \*  
**MILLS STEVEN RICHARD**  
  
 (Last) (First) (Middle)  
**C/O AMYRIS, INC., 5885 HOLLIS ST., SUITE 100**  
  
 (Street)  
**EMERYVILLE, CA 94608**  
  
 (City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
**AMYRIS, INC. [AMRS]**  
  
 3. Date of Earliest Transaction (Month/Day/Year)  
**05/29/2012**  
  
 4. If Amendment, Date Original Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to Issuer  
  
 (Check all applicable)  
 \_\_\_ Director \_\_\_ 10% Owner  
 Officer (give title below) \_\_\_ Other (specify below)  
**Chief Financial Officer**  
  
 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)
			Code	V	Amount	(A) or (D)	Price
Common Stock	05/29/2012		A		250,000 (1)	A	\$ 0
					250,000	D	

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)**

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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)	Amount or Number of Shares	
				Code	V (A) (D)	Date Exercisable	Expiration Date	Title	
Stock Option (Right to Buy)	\$ 2.76	05/29/2012		A	420,000	(2) 05/28/2022		Common Stock	420,000

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
MILLS STEVEN RICHARD C/O AMYRIS, INC. 5885 HOLLIS ST., SUITE 100 EMERYVILLE, CA 94608			Chief Financial Officer	

## Signatures

/s/ Steven R. Mills by Nicholas Khadder,  
Attorney-in-Fact

05/29/2012

\_\_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) Represents a restricted stock unit award that vests as to 10% of the total number of units subject to the award on April 1, 2013, 10% of the total number of units subject to the award on October 1, 2013, and 80% of the total number of units subject to the award on April 1, 2014.
- (2) Stock option vests as to 1/4th of the total number of shares subject to the option on May 2, 2013, and thereafter shall vest as to 1/48th of the total number of shares subject to the option in equal monthly installments.

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.