

Al Thani Sheikh Abdullah bin Khalifa
 Form 4
 July 23, 2012

FORM 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION
 Washington, D.C. 20549

OMB APPROVAL

OMB Number: 3235-0287
 Expires: January 31, 2015
 Estimated average burden hours per response... 0.5

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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 *
 Al Thani Sheikh Abdullah bin Khalifa

(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)
 07/19/2012

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)

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) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|-----------------------------------|
| Common Stock | 07/19/2012 | | A | (A) or (D) 3,000 (1) | \$ 0 3,000 | D | |
| Common Stock | | | | | 2,595,155 | I | By Biolding Investment SA (2) |

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 Amount of Underlying Securities (Instr. 3 and 4) | 8. Amount or Number of Shares |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|-------------------------------|
| Stock Option (Right to Buy) | \$ 3.55 | 07/19/2012 | | A | 6,000 | ⁽³⁾ 07/18/2022 | Common Stock | 6,000 |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|---------|-------|
| | Director | 10% Owner | Officer | Other |
| Al Thani Sheikh Abdullah bin Khalifa C/O AMYRIS, INC. 5885 HOLLIS ST., SUITE 100 EMERYVILLE, CA 94608 | | X | | |

Signatures

/s/ Sheikh Abdullah bin Khalifa Al Thani by Nicholas Khadder,
Attorney-in-Fact

07/23/2012

**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 100% of the units subject to the award on August 9, 2013.

(2) HH Sheikh Abdullah bin Khalifa Al Thani, a member of the Issuer's Board of Directors, is a director of Biolding Investment SA ("Biolding") and indirectly holds a majority of Biolding's outstanding shares, and as such, may be deemed to share voting and investment power over the securities held by Biolding. HH Sheikh Al Thani disclaims beneficial ownership of the Common Stock, except to the extent of his pecuniary interest therein.

(3) Stock option vests as to 100% of the total number of shares subject to the option on August 9, 2013.

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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