

Renninger Neil
Form 4/A
August 24, 2011

FORM 4

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

OMB APPROVAL

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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 *
Renninger Neil

(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)
08/08/2011

4. If Amendment, Date Original Filed (Month/Day/Year)
08/10/2011

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

 Director 10% Owner
 Officer (give title below) Other (specify below)
Chief Technical 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 Indirect Beneficial Ownership (Instr. 4) |
|---------------------------------|--------------------------------------|--|--------------------------------|---|---|--|---|
| | | | Code | V | Amount or Price | | |
| Common Stock | 08/08/2011 | | S ⁽¹⁾ | | 18,500 (2) | D | |
| | | | | | \$ 20.0586 (3) | | |
| Common Stock | 08/09/2011 | | S ⁽¹⁾ | | 6,400 (2) | D | |
| | | | | | \$ 19.7811 (4) | | |
| Common Stock | 08/09/2011 | | S ⁽¹⁾ | | 100 | D | |
| | | | | | \$ 20.37 | | |
| Common Stock | | | | | | | |
| | | | | | 226,150 | I | By Neil Renninger 2010 |

Qualified
Annuity
Trust

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)

| 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. Price of Derivative Security (Instr. 5) | 9. Number of Derivative Securities Owned Following Transaction (Instr. 5) |
|--|--|--------------------------------------|--|--------------------------------|---|--|---|--|---|
| | | | | Code | V (A) (D) | Date Exercisable | Expiration Date | Title | Amount or Number of Shares |

Reporting Owners

| Reporting Owner Name / Address | Relationships | | | |
|--|---------------|-----------|-------------------------|-------|
| | Director | 10% Owner | Officer | Other |
| Renninger Neil C/O AMYRIS, INC. 5885 HOLLIS ST., SUITE 100 EMERYVILLE, CA 94608 | X | | Chief Technical Officer | |

Signatures

/s/ Neil Renninger by Nicholas Khadder,
Attorney-in-Fact

08/23/2011

**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) ***RULE 10B5-1 TRADING PLAN TRANSACTION: EACH OF THE FOREGOING STOCK SALES WAS EFFECTED PURSUANT TO A RULE 10B5-1 TRADING PLAN ADOPTED BY THE REPORTING PERSON ON DECEMBER 15, 2010.***

(2) Represents the aggregate of sales effected on the same day at different prices pursuant to the plan in footnote (1).

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- (3) Represents the weighted average sales price per share. The shares sold at prices ranging from \$19.79 to \$20.53 per share. Full information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.
- (4) Represents the weighted average sales price per share. The shares sold at prices ranging from \$19.37 to \$20.30 per share. Full information regarding the number of shares sold at each price shall be provided upon request to the staff of the U.S. Securities and Exchange Commission, the Issuer, or a security holder of the Issuer.

Remarks:

This Form 4/A amends and restates in its entirety the Form 4 filed by the reporting person on August 10, 2011. Such Form 4 c

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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