

Reinach Fernando de Castro  
Form 4  
July 21, 2011

**FORM 4**

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

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

## OMB APPROVAL

OMB  
Number: 3235-0287  
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response... 0.5

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
Reinach Fernando de Castro

(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)

07/19/2011

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<br>Security<br>(Instr. 3) | 2. Transaction Date<br>(Month/Day/Year) | 2A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 3.<br>Transaction<br>Code<br>(Instr. 8) | 4. Securities<br>Acquired (A) or<br>Disposed of (D)<br>(Instr. 3, 4 and 5) | 5. Amount of<br>Securities<br>Beneficially<br>Owned<br>Following<br>Reported<br>Transaction(s)<br>(Instr. 3 and 4) | 6. Ownership<br>Form: Direct<br>(D) or<br>Indirect (I)<br>(Instr. 4) | 7. Nature of<br>Indirect<br>Beneficial<br>Ownership<br>(Instr. 4) |
|---------------------------------------|-----------------------------------------|-------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------|-------------------------------------------------------------------|
| Common<br>Stock                       | 07/19/2011                              |                                                             | A                                       | (A)<br>or<br>(D)<br>3,000<br>(1)                                           | \$ 0 3,000                                                                                                         | 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  
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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<br>Derivative<br>Security<br>(Instr. 3) | 2. Conversion<br>or Exercise<br>Price of<br>Derivative<br>Security | 3. Transaction Date<br>(Month/Day/Year) | 3A. Deemed<br>Execution Date, if<br>any<br>(Month/Day/Year) | 4. Transaction<br>Code<br>(Instr. 8) | 5. Number<br>of Derivative<br>Securities<br>Acquired<br>(A) or<br>Disposed of<br>(D)<br>(Instr. 3, 4,<br>and 5) | 6. Date Exercisable and<br>Expiration Date<br>(Month/Day/Year) |     | 7. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) | 8. Title and Amount of<br>Underlying Securities<br>(Instr. 3 and 4) |                 |                                        |
|-----------------------------------------------------|--------------------------------------------------------------------|-----------------------------------------|-------------------------------------------------------------|--------------------------------------|-----------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------|-----|---------------------------------------------------------------------|---------------------------------------------------------------------|-----------------|----------------------------------------|
|                                                     |                                                                    |                                         |                                                             | Code                                 | V                                                                                                               | (A)                                                            | (D) | Date<br>Exercisable                                                 | Expiration<br>Date                                                  | Title           | Amount<br>or<br>Number<br>of<br>Shares |
| Stock<br>Option<br>(Right to<br>Buy)                | \$ 24.5                                                            | 07/19/2011                              |                                                             | A                                    |                                                                                                                 | 6,000                                                          |     | <u>(2)</u>                                                          | 07/18/2021                                                          | Common<br>Stock | 6,000                                  |

## Reporting Owners

| Reporting Owner Name / Address                                                                       | Relationships |           |         |       |
|------------------------------------------------------------------------------------------------------|---------------|-----------|---------|-------|
|                                                                                                      | Director      | 10% Owner | Officer | Other |
| Reinach Fernando de Castro<br>C/O AMYRIS, INC.<br>5885 HOLLIS ST., SUITE 100<br>EMERYVILLE, CA 94608 |               |           | X       |       |

## Signatures

/s/ Fernando Reinach by Tamara Tompkins,  
Attorney-in-Fact

07/21/2011

\_\_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) Represents a restricted stock unit award that vests as to 100% of the shares subject to the award on the first day of the open trading window (under the Issuer's Insider Trading Policy) during the third fiscal quarter of 2012.
- (2) The stock option vests as to 100% of the total number of shares subject to the option on the first day of the open trading window (under the Issuer's Insider Trading Policy) during the third fiscal quarter of 2012.

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.