

Reinach Fernando de Castro
 Form 4
 July 23, 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 *
 Reinach Fernando de Castro

2. Issuer Name and Ticker or Trading Symbol
 AMYRIS, INC. [AMRS]

5. Relationship of Reporting Person(s) to Issuer

(Check all applicable)

(Last) (First) (Middle)

3. Date of Earliest Transaction (Month/Day/Year)
 07/19/2012

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

C/O AMYRIS, INC., 5885 HOLLIS ST., SUITE 100

(Street)

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

EMERYVILLE, CA 94608

(City) (State) (Zip)

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 or Price		
Common Stock	07/19/2012		A		3,000 (1)	A	\$ 0
Common Stock					6,000	D	
Common Stock					86,505	I	By Sualk Capital Ltd. (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
Reinach Fernando de Castro C/O AMYRIS, INC. 5885 HOLLIS ST., SUITE 100 EMERYVILLE, CA 94608		X		

Signatures

/s/ Reinach Fernando de Castro 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.

Fernando de Castro Reinach, a member of the Issuer's board of directors, is the sole director of Sualk Capital Ltd. ("Sualk") and indirectly holds all of Sualk's outstanding shares, and as such, may be deemed to have voting or investment power over the securities held by Sualk. Dr. Reinach 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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