Boynton Peter Form 4 May 11, 2011

FORM 4

OMB APPROVAL

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

OMB 3235-0287 Number:

Check this box if no longer subject to Section 16. Form 4 or

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

January 31, Expires: 2005

Form 5 obligations may continue. **SECURITIES**

Estimated average burden hours per response... 0.5

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 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * **Boynton Peter**

2. Issuer Name and Ticker or Trading Symbol

5. Relationship of Reporting Person(s) to Issuer

(City)

AMYRIS, INC. [AMRS]

(Check all applicable)

(Last) (First) 3. Date of Earliest Transaction (Month/Day/Year)

Director 10% Owner

C/O AMYRIS, INC., 5885 HOLLIS

(Street)

(State)

05/09/2011

(Middle)

(Zip)

Other (specify X_ Officer (give title below)

ST., SUITE 100

Chief Commercial Officer

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

Applicable Line)

X Form filed by One Reporting Person Form filed by More than One Reporting

6. Individual or Joint/Group Filing(Check

Person

Demirative Counities Assumed Disposed of an Demoficially Or

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(,)	()	Tab	ole I - Non-l	Derivativ	e Secu	rities Acqui	rea, Disposea of,	or Beneficiali	y Owned
1.Title of Security	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if	3. Transactio			cquired (A)	5. Amount of Securities	6. Ownership	7. Nature of Indirect
(Instr. 3)		any	Code	e (Instr. 3, 4 and 5)			Beneficially	Form:	Beneficial
		(Month/Day/Year)	(Instr. 8)				Owned Following	Direct (D) or Indirect	Ownership (Instr. 4)
					(A)		Reported Transaction(s)	(I) (Instr. 4)	
			Code V	Amount	or (D)	Price	(Instr. 3 and 4)	(Insu: 1)	
Common Stock	05/09/2011		M(1)	7,200	A	\$ 9.32	7,200	D	
Common Stock	05/09/2011		S <u>(1)</u>	7,200 (2)	D	\$ 24.8759 (3)	0	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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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. Transactio 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)		
				Code V	(A) (A	D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Stock Option (Right to Buy)	\$ 9.32	05/09/2011		M(1)	7,2	200	(4)(5)	01/06/2020	Common Stock	7,200	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Boynton Peter C/O AMYRIS, INC. 5885 HOLLIS ST., SUITE 100 EMERYVILLE, CA 94608

Chief Commercial Officer

Signatures

/s/ Peter Boynton by Tamara Tompkins, Attorney-in-Fact

05/11/2011

**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) The transactions were 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).
- Represents the weighted average sales price per share. The shares sold at prices ranging from \$24.25 to \$25.23 per share. Full information (3) 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) Immediately exercisable.
- (5) The stock option vested as to 1/5th of the total number of shares subject to the option on December 14, 2010, and thereafter vested and shall vest as to 1/60th 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.

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