

IONICS INC  
Form 4  
February 23, 2005

**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 \*  
DICKERSON LYMAN B

(Last) (First) (Middle)  
ECOLOCHEM INC, 2855 NW  
75TH AVENUE  
(Street)

MIAMI, FL 33122

(City) (State) (Zip)

2. Issuer Name and Ticker or Trading Symbol  
IONICS INC [ION]

3. Date of Earliest Transaction (Month/Day/Year)  
02/22/2005

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)

VICE PRESIDENT

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)
Common Stock	02/22/2005		U	1,946,926	D (1) \$ 44 0	I	By The Lyman B. Dickerson Qualified Grantor Retained Annuity Trust #1 (2)
Common Stock	02/22/2005		U	216,324	D (1) \$ 44 0	I	By The Lyman B. Dickerson Revocable

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Common Stock	02/22/2005	U	130,111	<u>D</u> (1)	\$ 44 0	I	Trust dated September 9, 1996 <sup>(3)</sup> By The Lyman Dickerson Irrevocable Trust FBO Preston G. Dickerson <sup>(4)</sup>
Common Stock	02/22/2005	U	130,111	<u>D</u> (1)	\$ 44 0	I	By The Lyman Dickerson Irrevocable Trust FBO Lily J. Dickerson <sup>(4)</sup>
Common Stock	02/22/2005	U	28,958	<u>D</u> (1)	\$ 44 0	I	By The Lyman Dickerson Irrevocable Trust FBO dated July 1, 1991 <sup>(4)</sup>

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

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(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 Beneficially Owned Following Transaction (Instr. 3)
				Code	V	(A) (D) Date Exercisable	Expiration Date	Title	Amount or Number of

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
DICKERSON LYMAN B ECOLOCHEM INC 2855 NW 75TH AVENUE MIAMI, FL 33122	X		VICE PRESIDENT	

## Signatures

/s/ Stephen Korn,  
Attorney-in-fact

02/22/2005

\_\_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 disposition of the securities is exempt pursuant to Section 16b-3(e).
- (2) The Reporting Person serves as the sole trustee for the Lyman B. Dickerson Qualified Grantor Retained Annuity Trust #1, and has the sole power to direct the voting and disposition of its shares.
- (3) The Reporting Person serves as the sole trustee for the Lyman B. Dickerson Revocable Trust, dated September 9, 1996, and has the sole power to direct the voting and disposition of its shares.  
The Reporting Person has no voting power and shared dispositive power over the shares held by The Lyman Dickerson Irrevocable Trust FBO Preston G. Dickerson, The Lyman Dickerson Irrevocable Trust FBO Lily J. Dickerson and the Lyman Dickerson Irrevocable Trust dated July 1, 1991. The independent trustee of the Lyman Dickerson Irrevocable Trusts, Charles C. Kline, has sole voting power and shared dispositive power as to all shares held by The Lyman Dickerson Irrevocable Trust FBO Preston G. Dickerson, The Lyman Dickerson Irrevocable Trust FBO Lily J. Dickerson and The Lyman Dickerson Irrevocable Trust dated July 1, 1991.

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.