

ARCHIPELAGO HOLDINGS INC  
 Form 4  
 April 13, 2005

**FORM 4**

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

OMB APPROVAL

OMB Number: 3235-0287  
 Expires: January 31, 2005  
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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 \*  
 Gelber Matthew

2. Issuer Name and Ticker or Trading Symbol  
 ARCHIPELAGO HOLDINGS INC  
 [AX]

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)

(Last) (First) (Middle)  
 100 SOUTH WACKER DRIVE,  
 SUITE 1800, C/O ARCHIPELAGO  
 HOLDINGS, INC.

3. Date of Earliest Transaction  
 (Month/Day/Year)  
 04/13/2005

\_\_\_\_ Director \_\_\_\_\_ 10% Owner  
 Officer (give title below) \_\_\_\_\_ Other (specify below)  
 Exe. Man. Director, Options

(Street)  
 CHICAGO, IL 60606

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

(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)
				(A) or (D)	Code V Amount (D) Price		

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)**

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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. 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 or Value of Underlying Securities (Instr. 3 and 4)
Restricted Stock Units <sup>(1)</sup> <sub>(2)</sub>	\$ 0	04/13/2005	04/13/2005	A	3,399 <sub>(3)</sub>	<u>(4)</u> <u>(4)</u>	Common Stock	<u>(2)</u> \$

## Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Gelber Matthew 100 SOUTH WACKER DRIVE, SUITE 1800 C/O ARCHIPELAGO HOLDINGS, INC. CHICAGO, IL 60606			Exe. Man. Director, Options	

## Signatures

by Cynthia A. Lance under power of attorney for Matthew Gelber 04/13/2005

\_\_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) Granted under the Archipelago Holdings, Inc. 2004 Stock Incentive Plan.
- (2) Each RSU represents a right to receive one share of the Issuer's common stock upon vesting.
- (3) The number of RSUs awarded to the Reporting Person was determined by dividing the sum of the total dollar value of compensation granted to the Reporting Person by \$17.70 (the closing price of the issuer's common stock on the Arca Exchange on March 31, 2005).  
The RSUs are service-based and will vest in four equal installments (specifically on the first, second, third and fourth anniversaries of the date of grant), subject to the Reporting Person's continued employment with the Company. Generally, unvested units will be cancelled upon the Reporting Person's resignation from or other termination of employment with the Company.

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.