ARCHIPELAGO HOLDINGS INC

Form 4

October 04, 2005

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

OMB 3235-0287 Number:

Estimated average

Check this box if no longer subject to

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF **SECURITIES**

January 31, Expires: 2005

Section 16. Form 4 or Form 5 obligations may continue.

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

burden hours per response... 0.5

OMB APPROVAL

See Instruction 1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * Chai Nelson

2. Issuer Name and Ticker or Trading

5. Relationship of Reporting Person(s) to

Symbol

ARCHIPELAGO HOLDINGS INC [AX]

Issuer

(Check all applicable)

(Last)

(First)

3. Date of Earliest Transaction

Director 10% Owner

(Middle)

(Month/Day/Year) 09/30/2005

X_ Officer (give title Other (specify below) Chief Financial Officer

100 SOUTH WACKER DRIVE. SUITE 1800, C/O ARCHIPELAGO

(Street)

HOLDINGS, INC.

4. If Amendment, Date Original

6. Individual or Joint/Group Filing(Check

Filed(Month/Day/Year)

(Instr. 8)

Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One Reporting

(Instr. 4)

CHICAGO, IL 60606

(City) (State) (Zip)

Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned

1.Title of Security (Instr. 3)

2. Transaction Date 2A. Deemed (Month/Day/Year)

Execution Date, if

(Month/Day/Year)

3. 4. Securities TransactionAcquired (A) or Code Disposed of (D)

5. Amount of Securities Beneficially Owned

6. Ownership 7. Nature of Form: Direct Indirect (D) or Indirect Beneficial Ownership

(Instr. 4)

(A)

(Instr. 3, 4 and 5)

Reported Transaction(s)

Following

(Instr. 3 and 4) Code V Amount (D) Price

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

Persons who respond to the collection of SEC 1474 information contained in this form are not (9-02)required to respond unless the form displays a currently valid OMB control number.

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. Transactic Code (Instr. 8)	5. Number proof 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. P. Deri Sect (Ins
				Code V	(A) (D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	
Restricted Stock	\$ 0	09/30/2005	09/30/2005	A	2,071 (3)	<u>(4)</u>	<u>(4)</u>	Common Stock	(2)	

Reporting Owners

Reporting Owner Name / Address Relationships

Director 10% Owner Officer Other

Chai Nelson 100 SOUTH WACKER DRIVE, SUITE 1800 C/O ARCHIPELAGO HOLDINGS, INC. CHICAGO, IL 60606

Chief Financial Officer

Signatures

Units (1) (2)

by Cynthia A. Lance under Power of Attorney for Nelson J. Chai

10/04/2005

**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.
- The number of RSUs awarded to the Reporting Person was determined by dividing the sum of the total dollar value of compensation (3) granted to the Reporting Person by \$39.85 (the closing price of the issuer's common stock on the Arca Exchange on September 30, 2005) and rounding to the next whole number.
- The RSUs are service-based and will vest on in four installments, each occurring on the anniversary of the date of grant (beginning on the first anniversary), in the amount of 10%, 20%, 30% and 40% respectively, 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.

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