Putnam Gerald D Form 5 February 14, 2006

securities beneficially owned directly or indirectly.

OMB APPROVAL FORM 5 **OMB** UNITED STATES SECURITIES AND EXCHANGE COMMISSION 3235-0362 Number: Washington, D.C. 20549 Check this box if January 31, Expires: no longer subject 2005 to Section 16. Estimated average ANNUAL STATEMENT OF CHANGES IN BENEFICIAL Form 4 or Form burden hours per 5 obligations OWNERSHIP OF SECURITIES 1.0 response... may continue. See Instruction Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, 1(b). Form 3 Holdings Section 17(a) of the Public Utility Holding Company Act of 1935 or Section Reported 30(h) of the Investment Company Act of 1940 Form 4 Transactions Reported 1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading 5. Relationship of Reporting Person(s) to Issuer Putnam Gerald D Symbol ARCHIPELAGO HOLDINGS INC (Check all applicable) [AX] (Middle) (Last) (First) 3. Statement for Issuer's Fiscal Year Ended _X_ Director 10% Owner _X__ Officer (give title (Month/Day/Year) Other (specify below) below) 12/31/2005 Chairman & CEO 100 SOUTH WACKER DRIVE. SUITE 1800, C/O ARCHIPELAGO HOLDINGS, INC. (Street) 4. If Amendment, Date Original 6. Individual or Joint/Group Reporting Filed(Month/Day/Year) (check applicable line) CHICAGO, ILÂ 60606 _X_ Form Filed by One Reporting Person _ Form Filed by More than One Reporting (Zip) (City) (State) Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned 1.Title of 2. Transaction Date 2A. Deemed 3. 4. Securities Acquired 5. Amount of 6. Ownership 7. Nature of Security (Month/Day/Year) Execution Date, if Transaction (A) or Disposed of Securities Form: Direct Indirect (Instr. 3) Code (D) Beneficially Beneficial (D) or (Month/Day/Year) (Instr. 8) (Instr. 3, 4 and 5) Owned at end Indirect (I) Ownership of Issuer's (Instr. 4) (Instr. 4) (A) Fiscal Year or (Instr. 3 and 4) (D) Price Amount 20,670 \$0 See Common 1,209,535 $G^{(1)}$ 05/19/2005 05/19/2005 Stock (2) (1) (3) footnote (3)Persons who respond to the collection of information **SEC 2270** Reminder: Report on a separate line for each class of

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

contained in this form are not required to respond unless

the form displays a currently valid OMB control number.

(9-02)

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1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5.	6. Date Exerc	cisable and	7. Title	e and	8. Price of	
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transaction	Number	Expiration D	ate	Amou	nt of	Derivative	
Security	or Exercise		any	Code	of	(Month/Day/	Year)	Under	lying	Security	
(Instr. 3)	Price of		(Month/Day/Year)	(Instr. 8)	Derivative	e		Securi	ties	(Instr. 5)	
	Derivative				Securities			(Instr.	3 and 4)		
	Security				Acquired						
					(A) or						
					Disposed						
					of (D)						
					(Instr. 3,						
					4, and 5)						
									Amount		
						Date	Expiration		or Namelani		
						Exercisable	Date		Number		
					(A) (D)				of		
					(A) (D)				Shares		

of D

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Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Putnam Gerald D 100 SOUTH WACKER DRIVE, SUITE 1800	ÂΧ	•	CL : 0 CEO	î			
C/O ARCHIPELAGO HOLDINGS, INC.	AX	A	Chairman & CEO	Α			
CHICAGO, IL 60606							

Signatures

by Cynthia A. Lance under power of attorney of Gerald D.
Putnam
02/14/2006

**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) Bona fide gift transactions. Exempt from the operation of Section 16(b) of the of the Exchange Act of 1934 pursuant to Rule 16(b)-5.
- (2) Represents shares disposed of as gifts to charities by GSP, LLC. Mr. Putnam owns a controlling interest in GSP, LLC.
- (3) Represents 1,127,252 shares held through GSP, LLC and 82,283 shares held through Leicester Enterprises, LLC. Mr. Putnam owns a controling interest in both GSP, LLC and Leicester Enterprises, LLC.

Note: File three copies of this Form, one of which must be manually signed. If space provided 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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