CBOE Hold	ings, Inc.										
Form 4	2014										
February 21								0145.4			
FORM	4 UNITED	STATES	S SECU	RITIES A		PPROVAL					
			Wa	shington	, D.C. 20	549		Number:	3235-0287 January 31,		
Check th if no lon	ger										
subject t	- NIATHN	MENT O	F CHAI	NGES IN	Estimated	2005 average					
Section				SECU	burden hor	•					
Form 4 or Form 5 Filed pursuant to Section 16(a) of the Securities Exchange Act of								response	. 0.5		
obligatio	ons Section 17						of 1935 or Secti	on			
may con	unue.			•	•	y Act of 1		on			
<i>See</i> Instr 1(b).	uction	50(11)	or the r		. compu		210				
(Print or Type	Responses)										
1. Name and A	Address of Reporting	Person *	2. Issu	er Name an o	l Ticker or	Trading	5. Relationship of Reporting Person(s) to				
Dean Alan			Symbol			8	Issuer				
	CBOE	Holdings	, Inc. [CI	BOE]	(Check all applicable)						
(Last) (First) (Middle)			3. Date of Earliest Transaction				(Check an applicable)				
	(Month/Day/Year)				Director 10% Owner						
	HOLDINGS, IN		02/19/2014			X_ Officer (give title Other (specify below) below)					
SOUTH LA	SALLE STREE	Т					· · · · · · · · · · · · · · · · · · ·	e VP, CFO & Tr	easurer		
(Street)			4. If Am	endment, D	ate Origina	1	6. Individual or Joint/Group Filing(Check				
	Filed(Me	onth/Day/Yea	r)		Applicable Line)						
						X Form filed by One Reporting Person Form filed by More than One Reporting					
CHICAGO	, IL 60605						Person	wore than one R	epotting		
(City)	(State)	(Zip)	Tal	ole I - Non-l	Derivative	Securities A	cquired, Disposed	of, or Beneficia	lly Owned		
1.Title of	2. Transaction Date	2A. Deem	ed	3.	4. Securit			6. Ownership	7. Nature of		
Security	(Month/Day/Year)				nAcquired		Securities Beneficially	Form: Direct	Indirect		
(Instr. 3)		any (Month/D	av/Year)	Code (Instr. 8)	Disposed (Instr. 3, 4		Owned	(D) or indirect (I)	Beneficial Ownership		
		(((,		Following	(Instr. 4)	(Instr. 4)		
						(A)	Reported				
						or	Transaction(s) (Instr. 3 and 4)				
				Code V	Amount	(D) Price	````				
Reminder: Rep	port on a separate line	e for each c	lass of sec	urities bene	-	-	-				
							spond to the colle		SEC 1474		
							ained in this form ond unless the fo		(9-02)		
					displa	ys a curre	ntly valid OMB co				
					numb	er.					

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

1. Title of	2.	3. Transaction Date	3A. Deemed	4.	5. Number	6. Date Exercisable and	7. Title and Amount of
Derivative	Conversion	(Month/Day/Year)	Execution Date, if	Transactio	onof Derivative	Expiration Date	Underlying Securities
Security	or Exercise		any	Code	Securities	(Month/Day/Year)	(Instr. 3 and 4)

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(Instr. 3)	Price of Derivative Security		(Month/Day/Year)	(Instr. 8		Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)					
				Code	V	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares
Restricted Stock Units	<u>(1)</u>	02/19/2014		А		7,010		(2)	(2)	Unrestricted Common Stock	7,010

Reporting Owners

Reporting Owner Name / Address	Relationships						
	Director	10% Owner	Officer	Other			
Dean Alan J C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605			Executive VP, CFO & Treasurer				
Signatures							
/s/ Patrick Sexton, attorney-in-fact	02/2	1/2014					

**Signature of Reporting Person

- 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) Each restricted stock unit represents a contingent right to receive one share of CBOE Holdings, Inc. unrestricted common stock.
- (2) The restricted stock units vest in three equal annual installments beginning on February 19, 2015.

Date

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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