CBOE Hold	ings, Inc.								
Form 4									
February 09	, 2016								
FORM	14					OMB AF	PPROVAL		
CUNIVI 4 UNITED STATES SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549							3235-0287		
	Check this box						January 31,		
if no long subject to		STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP					2005		
Subject a Section 1		SECURITIES					iverage rs per		
Form 4 c)r					burden hours per response 0.			
Form 5	Filed pursuant	o Section 16(a) of the	ne Securities I	Exchange	e Act of 1934,				
obligatio may cont		e Public Utility Ho	lding Compan	y Act of	1935 or Section	n			
See Instr	20	h) of the Investmen	t Company A	ct of 194	0				
1(b).									
(Print or Type l	Responses)								
	Address of Reporting Person	2. Issuer Name an	d Ticker or Tradi	ing	5. Relationship of Issuer	Reporting Pers	son(s) to		
REYNOLD	S DAVID S	Symbol	/mbol						
		CBOE Holdings	, Inc. [CBOE]	l	(Chec)	k all applicable	•)		
(Last)	(First) (Middle)	3. Date of Earliest 7	ransaction		(Cheel	k an applicable)		
		(Month/Day/Year)			Director	10%	Owner		
C/O CBOE	HOLDINGS, INC., 400	02/05/2016	-			XOfficer (give titleOther (specify below) below)			
SOUTH LA	SALLE STREET				below) Chief A	ccounting Offi	cer		
	(Charact)					-			
	(Street)	4. If Amendment, D	-		6. Individual or Jo	int/Group Filin	lg(Check		
		Filed(Month/Day/Yea	ur)		Applicable Line) _X_ Form filed by One Reporting Person				
CHICAGO,	II 60605				Form filed by M				
chicado,	, IL 00003				Person				
(City)	(State) (Zip)	Table I - Non-	Derivative Secu	rities Acq	uired, Disposed of	, or Beneficial	ly Owned		
1.Title of	2. Transaction Date 2A. D		4. Securities A		5. Amount of	6. Ownership			
Security	· · · · · · · · · · · · · · · · · · ·	tion Date, if Transact Code	ion(A) or Dispose (Instr. 3, 4 and		Securities Beneficially	Form: Direct (D) or	Indirect Beneficial		
(Instr. 3)	any (Mon	h/Day/Year) (Instr. 8)		15)	Owned	Indirect (I)			
	(Following	(Instr. 4)	(Instr. 4)		
			(A)		Reported				
			or		Transaction(s)				
		Code V	Amount (D)	Price	(Instr. 3 and 4)				
Common Stock	02/05/2016	F	574 D	\$ 60.65	7,633	D			
Stock				00.05					

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

Persons who respond to the collection of information contained in this form are not 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)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	4. Transact Code (Instr. 8)	5. 6. Date Exercisable a onNumber Expiration Date of (Month/Day/Year) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3,		Date	Under Secur	unt of rlying	8. Price of Derivative Security (Instr. 5)	9. Nu Deriv Secu Bene Owna Follo Repo Trans (Instr
			Code V	4, and 5)	Date Exercisable	Expiration Date	Title	Amount or Number of Shares		

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Reporting Owners

Reporting Owner Name / Address			Relationships			
I S S S S S S S S S S S S S S S S S S S	Director	10% Owner	Officer	Other		
REYNOLDS DAVID S C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605			Chief Accounting Officer			
Signatures						
/s/ Patrick Sexton, attorney-in-fact	02/09	9/2016				
<u>**</u> Signature of Reporting Person	D	ate				

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).

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.