Froetscher Janet P Form 4 June 18, 2012

FORM 4

UNITED STATES SECURITIES AND EXCHANGE COMMISSION

SECURITIES

Washington, D.C. 20549 STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF

if no longer subject to Section 16. Form 4 or Form 5

Check this box

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, obligations Section 17(a) of the Public Utility Holding Company Act of 1935 or Section may continue.

30(h) of the Investment Company Act of 1940 See Instruction

1(b).

(Print or Type Responses)

1. Name and Address of Reporting Person * 2. Issuer Name and Ticker or Trading Froetscher Janet P Issuer Symbol CBOE Holdings, Inc. [CBOE]

(First) (Middle) (Last) 3. Date of Earliest Transaction

(Month/Day/Year) 06/14/2012

C/O CBOE HOLDINGS, INC., 400 SOUTH LASALLE STREET

(Street) 4. If Amendment, Date Original

Filed(Month/Day/Year)

5. Relationship of Reporting Person(s) to

OMB APPROVAL

Estimated average

burden hours per

3235-0287

January 31,

2005

0.5

OMB

Number:

Expires:

response...

(Check all applicable)

_X__ Director 10% Owner Officer (give title Other (specify below)

6. Individual or Joint/Group Filing(Check

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

CHICAGO, IL 60605

Stock

(City)	(State) (Zi	p) Table I	- Non-Dei	rivative Se	curiti	es Acqui	red, Disposed of,	or Beneficiall	y Owned
1.Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transactic Code (Instr. 8)	4. Securi on(A) or D (Instr. 3,	ispose	d of (D)	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 Indirect Beneficial Ownership (Instr. 4)
Unrestricted Common	06/14/2012		A	2,785 (1)	A	\$ 27.33	10,632	D	

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

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

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2.			4.	5.	6. Date Exer	cisable and	7. Titl	le and	8. Price of	9. Nu
e Conversion	(Month/Day/Year)	Execution Date, if	Transact	ionNumber	Expiration D	ate	Amou	ınt of	Derivative	Deriv
or Exercise		any	Code	of	(Month/Day/	/Year)	Under	rlying	Security	Secui
Price of		(Month/Day/Year)	(Instr. 8)	Derivativ	e		Secur	ities	(Instr. 5)	Bene
Derivative				Securities	S		(Instr.	. 3 and 4)		Owne
Security				Acquired						Follo
				(A) or						Repo
				Disposed						Trans
				of (D)						(Instr
				(Instr. 3,						
				4, and 5)						
								Amount		
					Date	Expiration	Title			
					Exercisable	Date	Title			
			Codo I	7 (A) (D)						
	e Conversion or Exercise Price of Derivative	e Conversion (Month/Day/Year) or Exercise Price of Derivative	e Conversion (Month/Day/Year) Execution Date, if or Exercise any Price of (Month/Day/Year) Derivative	e Conversion (Month/Day/Year) Execution Date, if Transact or Exercise any Code Price of (Month/Day/Year) (Instr. 8) Derivative Security	Conversion or Exercise any Code of Price of Derivative Security Month/Day/Year) Execution Date, if any Code of (Instr. 8) Derivative Security Month/Day/Year) Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date or Exercise any Code of (Month/Day/Pear) Code of (Month/Day/Pear) Derivative Security Security Security Security Security Security Security Date	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date or Exercise Price of Derivative Security (Month/Day/Year) (Instr. 8) Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5) Date Expiration Expiration Date (Month/Day/Year) Date Expiration Exercisable Date	Conversion (Month/Day/Year) Execution Date, if TransactionNumber Expiration Date Amore or Exercise any Code of (Month/Day/Year) Under Price of (Month/Day/Year) (Instr. 8) Derivative Securities (Instr. 8) Code of (Month/Day/Year) Under Security Securities (Instr. 8) Date Expiration Title Exercisable Date Title	Conversion or Exercise or Exercise Price of ODER or Exercise Price of ODER or Exercise ODER	Conversion or Exercise Price of Derivative Security Resolution Date, if any Code of (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date, if any Code of (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 8) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 5) Derivative Securities Resolution Date (Month/Day/Year) (Instr. 5) Derivative Securities Resolution Date (Instr. 3 and 4) Resolution Date (Instr. 5) Resolution Date (Instr

Reporting Owners

Reporting Owner Name / Address	Relationships						
F	Director	10% Owner	Officer	Other			
Froetscher Janet P C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605	X						
a							

Signatures

/s/ Patrick Sexton, attorney-in-fact 06/18/2012

**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) Represents a restricted stock award granted under the Company's Amended and Restated Long-Term Incentive Plan, which meets the requirements of Rule 16b-3.

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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