

Tilly Edward T
Form 3
June 14, 2010

FORM 3 UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

(Print or Type Responses)

1. Name and Address of Reporting
Person *

Â Tilly Edward T

(Last) (First) (Middle)

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

(Street)

CHICAGO,Â ILÂ 60605

(City) (State) (Zip)

2. Date of Event Requiring
Statement

(Month/Day/Year)

06/14/2010

3. Issuer Name **and** Ticker or Trading Symbol
CBOE Holdings, Inc. [CBOE]

4. Relationship of Reporting
Person(s) to Issuer

5. If Amendment, Date Original
Filed(Month/Day/Year)

(Check all applicable)

___ Director ___ 10% Owner

X Officer ___ Other
(give title below) (specify below)

Executive Vice Chairman

6. Individual or Joint/Group

Filing(Check Applicable Line)
X Form filed by One Reporting
Person

___ Form filed by More than One
Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security
(Instr. 4)

2. Amount of Securities
Beneficially Owned
(Instr. 4)

3. Ownership
Form:
Direct (D)
or Indirect
(I)
(Instr. 5)

4. Nature of Indirect Beneficial
Ownership
(Instr. 5)

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

SEC 1473 (7-02)

**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 Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security
(Instr. 4)

2. Date Exercisable and
Expiration Date
(Month/Day/Year)

3. Title and Amount of
Securities Underlying
Derivative Security
(Instr. 4)

Date Expiration Title Amount or
Exercisable Date Number of

4. Conversion
or Exercise
Price of
Derivative
Security

5. Ownership
Form of
Derivative
Security:
Direct (D)

6. Nature of Indirect
Beneficial Ownership
(Instr. 5)

Shares

or Indirect
(I)
(Instr. 5)

Reporting Owners

Reporting Owner Name / Address	Relationships			
	Director	10% Owner	Officer	Other
Tilly Edward T C/O CBOE HOLDINGS, INC. 400 SOUTH LASALLE STREET CHICAGO, IL 60605	Â	Â	Â Executive Vice Chairman	Â

Signatures

/s/ Patrick Sexton,
attorney-in-fact

06/14/2010

__Signature of Reporting Person

Date

Explanation of Responses:

No securities are beneficially owned

* If the form is filed by more than one reporting person, *see* Instruction 5(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).

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Remarks:

Exhibit List: Â Â Exhibit 24 - Power of Attorney

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.