П

## FORM 4

## UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

Check this box if no longer subject to
Section 16. Form 4 or Form 5
obligations may continue. See
Instruction 1(b).

## STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

OMB APPROVAL								
OMB Number:	3235-0287							
Estimated average burden								
hours per response:	0.5							

					_																
1. Name and Address of Reporting Person*						2. Issuer Name <b>and</b> Ticker or Trading Symbol										5. Relationship of Reporting Person(s) to Issuer (Check all applicable)					
<u>OLIFF JAMES E</u>						CHICAGO MERCANTILE EXCHANGE									X	Direc	,	10%	Owner		
						HOLDINGS INC [ CME ]									Λ		er (give title	Other (specify			
(Last)	(Fi	rst) (	Middle)		3.0	3. Date of Earliest Transaction (Month/Day/Year)										belo			below)		
20 S. WA	ACKER DR					08/29/2006															
(Street)					= 4. lf	4. If Amendment, Date of Original Filed (Month/Day/Year)									6. Individual or Joint/Group Filing (Check Applicable Line)						
(Street)	GO IL	(	50606											'	X Form filed by One Reporting Person						
			0000												Form filed by More than One Reporting						
			<b>_</b>		-											Person					
(City)	(Si	ate) (	Zip)																		
		Tab	le I - No	on-Deriv	/ative	Sec	uritie	es Acc	quired	, Dis	posed o	of, o	r Ber	nefici	ally C	)wne	ed				
1. Title of Security (Instr. 3) 2. Transac   Date (Month/Date) 2. Transac						Execution Date,			3. Transaction Code (Instr. 8) 4. Securities Acqu Disposed Of (D) (In						and 5) Secur Benef		icially d Following	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)		
								Code	v	Amount (A) or (D)		(A) or (D)	Price	Trans		action(s) 3 and 4)					
Common Stock Class A				08/29	08/29/2006				S		700		D	\$428.91		5,001		D			
Common Stock Class A														300		I	by Children				
		Ta	able II -	Derivat	tive So	ecur	ities	Acau	ired C	)isna	nsed of	or F	Benef	ficial	V Ow	ned					
Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned     (e.g., puts, calls, warrants, options, convertible securities)																					
Derivative Conversion Date Exe Security or Exercise (Month/Day/Year) if a		3A. Deen Executio if any (Month/E				of Deriv Secu Acqu (A) of Dispe	urities uired or osed ) r. 3, 4	6. Date Exercisable and Expiration Date (Month/Day/Year)				Fitle and nount of curities derlying rivative curity (I d 4)	) nstr. 3			9. Number of derivative Securities Beneficially Owned Following Reported Transaction (Instr. 4)	Ownershi Form: Direct (D) or Indirect (I) (Instr. 4	Beneficial Ownership (Instr. 4)			
1	1	1	1				1	1 1				1	Ar	nount	1						

Date Exercisable Expiration

Date

Explanation of Responses:

## <u>/s/Margaret C. Austin,</u> <u>Attorney in Fact</u>

or Number

of Shares

Title

08/30/2006

\*\* Signature of Reporting Person Date

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

\* 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).

Code V

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

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 Number.

(A) (D)