| CBOE Holdings, Inc. |
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| Form 425            |
| September 02, 2008  |

| Filed by | CBOE | Holdings, | Inc. |
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pursuant to Rule 425 under the Securities Act of 1933, as amended

Subject Company: CBOE Holdings, Inc.

Subject Company s Commission File No.: 333-140574

On September 2, 2008, the Chicago Board Options Exchange, Incorporated issued the following press release.

**CBOE** News Release

Chicago Board Options Exchange

400 S. LaSalle Street

Chicago, IL 60605

FOR IMMEDIATE RELEASE

#### **CBOE AUGUST VOLUME TOTALS 88.5 MILLION CONTRACTS:**

### YEAR-TO-DATE VOLUME UP 25% TO 772 MILLION CONTRACTS

**CHICAGO, September 2, 2008** The Chicago Board Options Exchange (CBOE) today reported that trading volume during August totaled 88.5 million contracts. Daily trading volume averaged 4.2 million contracts during the month, down eight percent against August 2007, the best August ever for CBOE. With 772.4 million contracts traded year to date, CBOE trading volume rose 25 percent over the first eight months of 2007. Daily trading volume from January through August 2008 averaged 4.6 million contracts. August comes on the heels of record trading activity at CBOE in July 2008, the best month ever in the Exchange s history.

During August, trading volume in equity options totaled 45.3 million contracts. Average daily volume of 2.2 million contracts during August was a one-percent increase from the same month a year ago. Year to date, equity options volume is up 24 percent through August, with 405.7 contracts changing hands and an average daily volume of 2.4 million contracts.

In August, average daily ETF options volume was down six percent against August 2007, but up 53 percent for the first eight months of 2008. Average daily trading volume in the cash-settled indexes during August dropped 26 percent against August 2007, but year to date is up three percent.

Just three months after it was introduced, options on the SPDR Gold Trust (CBOE ticker symbol: GLD) set another monthly volume record with more than 856,000 contracts traded. CBOE during August claimed 64 percent of the options industry s GLD volume.

|                        | August<br>2008<br>Volume<br>(21 days) | % Change vs August 2007 (23 days) | % Change vs. July 2008 (22 days) | Year-To-Date<br>Volume<br>(168 days) | % Change vs. 2007 (168 days) |
|------------------------|---------------------------------------|-----------------------------------|----------------------------------|--------------------------------------|------------------------------|
| Industry Total         | 263,405,886                           | -10                               | -28                              | 2,365,856,293                        | +30                          |
| CBOE Total             | 88,493,526                            | -16                               | -30                              | 772,409,658                          | +25                          |
| CBOE Total ADV         | 4,213,977                             | -8                                | -27                              | 4,597,677                            | +25                          |
| Equity                 | 45,339,217                            | -8                                | -33                              | 405,697,757                          | +24                          |
| Equity ADV             | 2,159,010                             | +1                                | -29                              | 2,414,868                            | +24                          |
| Cash-Settled Index     | 18,787,615                            | -32                               | -23                              | 158,766,133                          | +3                           |
| Cash-Settled Index ADV | 894,648                               | -26                               | -20                              | 945,037                              | +3                           |
| ETF Options            | 24,320,539                            | -14                               | -29                              | 207,868,931                          | +53                          |
| ETF Options ADV        | 1,158,121                             | -6                                | -26                              | 1,237,315                            | +53                          |
| Exchange Open Interest | 296,649,946                           | +7                                | +2                               |                                      |                              |

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#### CBOE s August Market Share at 33.6 Percent Leads Industry

In August, CBOE s market share of total industry volume was 33.6 percent, down 2.3 percentage points from August 2007.

|          |              | %        | %         |              |          |
|----------|--------------|----------|-----------|--------------|----------|
| CBOE     |              | Change   | Change    |              |          |
| Market   | Aug 2008     | VS       | VS        | Year-To-Date | % Change |
| Share    | Market Share | Aug 2007 | July 2008 | Market Share | vs 2007  |
| Exchange | 33.6%        | -2.3     | -0.8      | 32.7%        | -1.3     |
| Equity   | 27.4%        | -0.4     | -1.9      | 26.8%        | -0.6     |
| Index    | 87.9%        | +2.4     | +0.2      | 87.3%        | +1.1     |
| ETF      | 31.9%        | -1.9     | +0.3      | 31.0%        | -4.1     |

#### **CBOE** August Highlights:

- The top five most actively traded equity options during August were Kraft Foods (**KFT**), Apple (**AAPL**), Citigroup (**C**), Bank of America (**BAC**) and Lehman Brothers (**LEH**).
- The top five most actively traded index and ETF options at CBOE during August were S&P 500 Index (SPX), Standard & Poor s Depositary Receipts (SPY), iShares Russell 2000 Index Fund (IWM), PowerShares QQQ Trust (QQQQ) and Financial Select SPDR (XLF).
- On August 20, CBOE announced that a definitive agreement had been reached to settle the Exercise Right litigation with former Chicago Board of Trade members. A CBOE membership vote will be held on September 17 to determine whether to approve the settlement. The summary of settlement terms of the Exercise Right litigation can be accessed at www.cboe.org/Legal/crcIInfo.aspx.
- On August 1, the Exchange began publishing **two new Volatility benchmarks** the CBOE Gold Volatility Index (ticker symbol GVZ) and the CBOE EuroCurrency Volatility Index (ticker symbol EVZ). These indexes are benchmarks designed to measure the expected volatility of the respective underlying assets. GVZ and EVZ values are disseminated every 15 seconds daily through all major data vendors.
- On August 5, CBOE recorded **a record daily trading volume** of 189,041 contracts in **options on the SPDR Gold Trust** (CBOE ticker symbol: **GLD**), topping the previous high of 139,786 contracts traded on July 15. The contract was introduced on June 2.
- During August, 285 million shares changed hands on the **CBOE Stock Exchange** (CBSX), an average daily volume of 13.6 million shares, up 70 percent from the same period a year ago.
- The CBOE Futures Exchange, LLC (CFE) today announced that August average daily volume of 4,343 contracts rose three percent over the previous month. Total trading volume at CFE during August was 91,218 contracts, a decline of one percent from the July 2008 volume of 92,565 contracts traded. Year to date, 2008 trading volume is 20 percent ahead of the same period from a year ago.

• During August, six CBOE **memberships** changed hands the highest sale price at \$2.825 million. From January through August, 89 CBOE seats have been sold.

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CBOE, the largest options marketplace in the U.S. and the creator of listed options, is regulated by the Securities and Exchange Commission (SEC). For additional information about the CBOE and its products, access the CBOE website at: www.cboe.com/.

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In connection with the proposed restructuring transaction, CBOE Holdings, Inc. ( CBOE Holdings ) has filed certain relevant materials with the United States Securities and Exchange Commission (SEC), including a registration statement on Form S-4. Members are encouraged to read the registration statement, including the proxy statement/prospectus that are a part of the registration statement, because it contains important information about the proposed transaction. Members are able to obtain a free copy of the proxy statement/prospectus, as well as the other filings containing information about CBOE Holdings and the Chicago Board Options Exchange, Incorporated ( CBOE ), without charge, at the SEC s Web site, http://www.sec.gov/, and the companies website, http://www.cboe.com/.In addition, CBOE members may obtain free copies of the proxy statement/prospectus and other documents filed by CBOE Holdings or the CBOE from CBOE Holdings by directing a request to the Office of the Secretary, CBOE Holdings, Inc., 400 South LaSalle Street, Chicago, Illinois 60605.

CBOE Holdings, the CBOE and their respective directors, executive officers and other employees may be deemed to be participants in the solicitation of proxies in connection with the proposed transaction. Information about the directors and executive officers of CBOE Holdings and of the CBOE is available in the prospectus/proxy statement.

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