CBOE Holdings, Inc. Form 424B5
December 12, 2016

Use these links to rapidly review the document

TABLE OF CONTENTS

INDEX TO CONSOLIDATED FINANCIAL STATEMENTS

TABLE OF CONTENTS

Table of Contents

Filed Pursuant to Rule 424(b)(5) File No. 333-214488

MERGER PROPOSED YOUR VOTE IS VERY IMPORTANT

Dear Stockholders:

CBOE Holdings, Inc. ("CBOE Holdings") and Bats Global Markets, Inc. ("Bats") have entered into an Agreement and Plan of Merger, dated as of September 25, 2016 (as amended from time to time, the "merger agreement"), providing, among other things, that, upon the terms and subject to the conditions set forth in the merger agreement, a wholly-owned subsidiary of CBOE Holdings will merge with and into Bats, with Bats surviving as a wholly-owned subsidiary of CBOE Holdings (the "merger").

If the merger is completed, each share of voting or non-voting Bats common stock outstanding immediately prior to the effective time of the merger (other than shares held by CBOE Holdings, Bats or any of their respective subsidiaries, shares held by any holder of Bats common stock who is entitled to demand and properly demands appraisal of such shares under Delaware law and unvested restricted shares of Bats common stock granted under any Bats equity incentive plan) will convert into, at the election of the holder of such share, subject to proration and adjustment, either (i) mixed consideration consisting of \$10.00 in cash and 0.3201 of a share of CBOE Holdings common stock, (ii) cash consideration consisting of an amount of cash equal to the sum, rounded to two decimal places, of (a) \$10.00 plus (b) the product of 0.3201 of a share of CBOE Holdings common stock multiplied by the volume-weighted average price, rounded to four decimal places, of shares of CBOE Holdings common stock on the NASDAQ Stock Market LLC ("NASDAQ") for the ten consecutive trading day period ending on the second full trading day prior to the effective time of the merger (the "closing CBOE Holdings VWAP") or (iii) stock consideration consisting of a number of shares of CBOE Holdings common stock equal to the sum of (a) 0.3201 of a share of CBOE Holdings common stock and (b) the quotient, rounded to four decimal places, obtained by dividing \$10.00 by the closing CBOE Holdings VWAP. Holders of Bats common stock who do not make an election will receive the mixed consideration described in clause (i) above.

Based on the number of shares of CBOE Holdings common stock and Bats common stock outstanding on December 9, 2016, the record date for the two companies' special meetings of stockholders, CBOE Holdings expects to issue or reserve for issuance approximately 31.9 million shares of CBOE Holdings common stock pursuant to the merger agreement (including shares of CBOE Holdings common stock issuable to Bats stockholders pursuant to the conversion of Bats stock options and Bats restricted shares). Based on these numbers, immediately following the completion of the merger, pre-existing CBOE Holdings stockholders and former Bats stockholders would own approximately 72% and 28% of the outstanding shares of CBOE Holdings common stock, respectively.

CBOE Holdings common stock is traded on the NASDAQ Global Select Market under the trading symbol "CBOE." On December 9, 2016, CBOE Holdings common stock closed at \$76.68 per share as reported by NASDAQ.

The completion of the merger is subject to conditions, including CBOE Holdings stockholders approving the proposal to approve the issuance of shares of CBOE Holdings common stock pursuant to the merger agreement and Bats stockholders approving the proposal to adopt the merger agreement. The CBOE Holdings board of directors unanimously recommends that CBOE Holdings stockholders vote "FOR"

the proposal to approve the issuance of shares of CBOE Holdings common stock pursuant to the merger agreement. The Bats board of directors unanimously recommends that holders of Bats voting common stock vote "FOR" the proposal to adopt the merger agreement.

The proposals are being presented to the respective stockholders of each company at their special meetings. The dates, times and places of the meetings are as follows:

For CBOE Holdings stockholders: January 17, 2017, 11:00 a.m., local time, on the fourth floor of the Chicago Board Options Exchange, Incorporated 400 South LaSalle Street Chicago, Illinois 60605 For Bats stockholders: January 17, 2017, 11:00 a.m., local time, at the corporate headquarters of Bats 8050 Marshall Drive, Suite 120 Lenexa, Kansas 66214

Your vote is very important. Whether or not you plan to attend your company's special meeting, please take the time to vote by completing and mailing the enclosed proxy card or voting instruction card or, if the option is available to you, by submitting your proxy electronically over the Internet or by telephone.

This joint proxy statement/prospectus contains important information about CBOE Holdings, Bats, the merger agreement, the proposed merger and the special meetings. We encourage you to read carefully this joint proxy statement/prospectus before voting, including the section entitled "Risk Factors" beginning on page 42.

Sincerely,

Edward T. Tilly Chief Executive Officer CBOE Holdings, Inc. Chris Concannon Chief Executive Officer and President Bats Global Markets, Inc.

Neither the Securities and Exchange Commission nor any state or provincial securities regulator has approved or disapproved of the proposed transactions described in this joint proxy statement/prospectus or the securities to be issued pursuant to the merger agreement or determined if the information contained in this joint proxy statement/prospectus is accurate or adequate. Any representation to the contrary is a criminal offense.

This joint proxy statement/prospectus is dated December 9, 2016, and is being mailed to CBOE Holdings stockholders and Bats stockholders on or about December 12, 2016.

Table of Contents

CBOE HOLDINGS, INC.

400 South LaSalle Street Chicago, Illinois 60605

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS

TO BE HELD ON JANUARY 17, 2017

To the Stockholders of CBOE Holdings, Inc. ("CBOE Holdings"):

CBOE Holdings will hold a special meeting of stockholders of CBOE Holdings on the fourth floor of the Chicago Board Options Exchange, Incorporated, at 400 South LaSalle Street, Chicago, Illinois, 60605, on January 17, 2017, at 11:00 a.m., local time, for the following purposes:

- 1. To consider and vote upon a proposal to approve the issuance of shares of CBOE Holdings common stock pursuant to the Agreement and Plan of Merger, dated as of September 25, 2016, by and among CBOE Holdings, two wholly-owned subsidiaries of CBOE Holdings and Bats Global Markets, Inc. (the "share issuance proposal").
- 2. To consider and vote upon a proposal to adjourn the special meeting, if necessary or appropriate, including to permit further solicitation of proxies in favor of the share issuance proposal if there are insufficient votes at the time of the special meeting to approve the share issuance proposal (the "CBOE Holdings meeting adjournment proposal").
- 3. To transact such other business as may properly come before the special meeting or any adjournments or postponements of the special meeting.

The board of directors of CBOE Holdings (the "CBOE Holdings board") has fixed the close of business on December 9, 2016 as the record date for the determination of the stockholders of CBOE Holdings entitled to receive notice of and vote at the CBOE Holdings special meeting. Only CBOE Holdings stockholders of record at the close of business on the record date for the CBOE Holdings special meeting are entitled to notice of and to vote at the CBOE Holdings special meeting and any adjournments or postponements of the CBOE Holdings special meeting.

The CBOE Holdings board unanimously recommends that you vote "FOR" the share issuance proposal and "FOR" the CBOE Holdings meeting adjournment proposal.

Your vote is very important. We cannot complete the merger described in this joint proxy statement/prospectus unless we receive the affirmative vote of the holders of at least a majority of the shares of common stock properly cast at the special meeting on the share issuance proposal. It is important that your shares be represented and voted whether or not you plan to attend the CBOE Holdings special meeting in person. Instructions regarding the different methods for voting your shares are provided under the section entitled "Questions and Answers about the Special Meetings of CBOE Holdings Stockholders and Bats Stockholders."

By Order of the Board of Directors,

Joanne Moffic-Silver Executive Vice President, General Counsel and Corporate Secretary CBOE Holdings, Inc.

Table of Contents

BATS GLOBAL MARKETS, INC.

8050 Marshall Drive, Suite 120 Lenexa, Kansas 66214

NOTICE OF SPECIAL MEETING OF STOCKHOLDERS TO BE HELD ON JANUARY 17, 2017

To the Stockholders of Bats Global Markets, Inc. ("Bats"):

Bats will hold a special meeting of stockholders of Bats at the corporate headquarters of Bats, located at 8050 Marshall Drive, Suite 120, Lenexa, Kansas 66214, on January 17, 2017, at 11:00 a.m., local time, for the following purposes:

- 1. To consider and vote upon a proposal to adopt the Agreement and Plan of Merger, dated as of September 25, 2016 (as amended from time to time, the "*merger agreement*"), by and among CBOE Holdings, Inc. ("*CBOE Holdings*"), two wholly-owned subsidiaries of CBOE Holdings and Bats.
- 2. To consider and vote on a proposal to approve, by a non-binding advisory vote, certain compensation that may be paid or become payable to Bats' named executive officers that is based on or otherwise relates to the merger contemplated by the merger agreement (the "non-binding compensation advisory proposal").
- 3. To consider and vote upon a proposal to adjourn the special meeting, if necessary or appropriate, including to permit further solicitation of proxies in favor of the proposal to adopt the merger agreement if there are insufficient votes at the time of the special meeting to approve the proposal to adopt the merger agreement (the "Bats meeting adjournment proposal").
- 4. To transact such other business as may properly come before the special meeting or any adjournments or postponements of the special meeting.

The board of directors of Bats (the "*Bats board*") has fixed the close of business on December 9, 2016 as the record date for the determination of the stockholders of Bats entitled to receive notice of the Bats special meeting. Only Bats stockholders of record at the close of business on the record date for the Bats special meeting are entitled to notice of the Bats special meeting and any adjournment or postponements of the Bats special meeting. Only holders of record of Bats voting common stock at the close of business on the record date for the Bats special meeting are entitled to vote at the Bats special meeting and any adjournment or postponements of the Bats special meeting.

The Bats board unanimously recommends that holders of Bats voting common stock vote "FOR" the proposal to adopt the merger agreement, "FOR" the non-binding compensation advisory proposal and "FOR" the Bats meeting adjournment proposal.

As holders of voting common stock, your vote is very important. Under Delaware law, we cannot complete the merger described in this joint proxy statement/prospectus unless the proposal to adopt the merger agreement receives the affirmative vote of the holders of at least a majority of the outstanding shares of Bats common stock entitled to vote on the proposal to adopt the merger agreement at the special meeting. If you abstain from voting or fail to vote, it will have the same effect as voting "AGAINST" the proposal to adopt the merger agreement.

It is important that your shares be represented and voted whether or not you plan to attend the Bats special meeting in person. Instructions regarding the different methods for voting your shares are provided under the section entitled "Questions and Answers about the Special Meetings of CBOE Holdings Stockholders and Bats Stockholders."

By Order of the Board of Directors,

Eric Swanson
Executive Vice President, General Counsel and
Secretary
Bats Global Markets, Inc.

Table of Contents

TABLE OF CONTENTS

CAUTIONARY STATEMENT CONCERNING FORWARD-LOOKING STATEMENTS	1
QUESTIONS AND ANSWERS ABOUT THE SPECIAL MEETINGS OF CBOE HOLDINGS STOCKHOLDERS AND BATS	
<u>STOCKHOLDERS</u>	<u>5</u>
<u>SUMMARY</u>	<u>15</u>
<u>Information about the Companies</u>	<u>15</u>
The Merger	<u>16</u>
Merger Consideration	<u>17</u>
Treatment of Bats Equity Awards	18
Ownership of CBOE Holdings after the Merger	<u>18</u>
Share Ownership of Directors and Executive Officers	<u> 19</u>
Recommendation of the CBOE Holdings Board and Its Reasons for the Merger	18 19 19 19
Recommendation of the Bats Board and Its Reasons for the Merger	<u>19</u>
Opinions of Financial Advisors	<u>19</u>
Interests of Bats' Directors and Executive Officers in the Merger	<u>21</u>
Board of Directors of CBOE Holdings after the Merger	<u>21</u>
Listing of CBOE Holdings Common Stock and Delisting and Deregistration of Bats Common Stock	<u>22</u>
Bats Stockholder Appraisal Rights	<u>22</u>
Conditions to Completion of the Merger	<u>22</u>
Regulatory Approvals	24
Debt Financing	<u>24</u>
Bats Acquisition Proposals	24 25
CBOE Holdings Acquisition Proposals	<u>25</u>
Termination of the Merger Agreement	<u>26</u>
Termination Fees and Expenses	<u>28</u>
Material U.S. Federal Income Tax Consequences	<u>28</u>
Accounting Treatment	<u>28</u>
Risk Factors	<u>28</u>
CBOE Holdings' Dividend Policy	<u>29</u>
Comparison of Rights of CBOE Holdings Stockholders and Bats Stockholders	<u>29</u>
<u>Expenses</u>	29 29 30
Summary Selected Historical Financial Data for CBOE Holdings	<u>30</u>
Summary Selected Historical Financial Data for Bats	<u>32</u>
Summary Selected Unaudited Pro Forma Condensed Combined Financial Information	<u>36</u>
<u>Unaudited Pro Forma Combined Per Share Information</u>	<u>38</u>
Comparative Per Share Market Price Data and Dividend Information	<u>40</u>
RISK FACTORS	<u>42</u>
Risks Relating to the Merger and the Combined Company	<u>42</u>
Risks Relating to CBOE Holdings	<u>53</u>
Risks Relating to Bats	<u>53</u>
THE CBOE HOLDINGS SPECIAL MEETING	<u>79</u>
<u>General</u>	<u>79</u>
Date, Time, Place and Purpose of the CBOE Holdings Special Meeting	<u>79</u>
Recommendation of the CBOE Holdings Board	53 53 79 79 79 79
Record Date; Outstanding Shares; Shares Entitled to Vote	<u>79</u>
Quorum and Vote Required	<u>79</u>
Voting by CBOE Holdings' Directors and Executive Officers	<u>80</u>
Voting; Proxies; Revocation	<u>80</u>
Abstentions and Broker Non-Votes	<u>82</u>

Table of Contents

Proxy Solicitation	<u>83</u>
Other Business; Adjournments	<u>83</u>
Assistance	<u>83</u>
THE BATS SPECIAL MEETING	<u>84</u>
<u>General</u>	<u>84</u>
Date, Time, Place and Purpose of the Bats Special Meeting	<u>84</u>
Recommendation of the Bats Board	<u>84</u>
Record Date; Outstanding Shares; Shares Entitled to Vote	<u>84</u>
Quorum and Vote Required	<u>85</u>
Voting by Bats' Directors and Executive Officers	<u>85</u>
Voting; Proxies; Revocation	<u>85</u>
Abstentions and Broker Non-Votes	<u>87</u>
Proxy Solicitation	88
Other Business; Adjournments	88
Assistance	88
CBOE HOLDINGS PROPOSAL 1: SHARE ISSUANCE PROPOSAL	<u>89</u>
CBOE HOLDINGS PROPOSAL 2: MEETING ADJOURNMENT PROPOSAL	90
BATS PROPOSAL 1: ADOPTION OF THE MERGER AGREEMENT	91
BATS PROPOSAL 2: NON-BINDING COMPENSATION ADVISORY PROPOSAL	92
BATS PROPOSAL 3: MEETING ADJOURNMENT PROPOSAL	93
THE MERGER	94
General	94
Background of the Merger	94
Recommendation of the CBOE Holdings Board and Its Reasons for the Merger	110
Recommendation of the Bats Board and Its Reasons for the Merger	115
Opinions of CBOE Holdings' Co-Lead Financial Advisors	121
Opinion of Bats' Financial Advisor	143
CBOE Holdings' Dividend Policy	154
Regulatory Approvals	154
Material U.S. Federal Income Tax Consequences	156
Listing of CBOE Holdings Common Stock	160
Bats Stockholder Appraisal Rights	160
Delisting and Deregistration of Bats Common Stock	164
Restrictions on Sales of Shares of CBOE Holdings Common Stock Received in the Merger	164
Interests of Directors and Executive Officers in the Merger	165
Board of Directors of CBOE Holdings after the Merger	174
THE MERGER AGREEMENT	175
Structure and Completion of the Merger	175
Merger Consideration	176
Allocation of Merger Consideration and Illustrative Elections and Calculations	178
Manner and Procedure for Exchanging Shares of Bats Common Stock; No Fractional Shares	182
Election Procedures	183
Treatment of Equity Awards	184
Distributions with Respect to Unexchanged Shares	184
Termination of Exchange Fund	185
No Liability	185 185
Bats Stockholder Appraisal Rights	
Conditions to Completion of the Merger	185 186
Definition of Material Adverse Effect	<u>186</u> 188
Bats Acquisition Proposals	188 190
CBOE Holdings Acquisition Proposals	190 193
CBOE Holdings Acquisition Proposals ii	<u>193</u>
п	

Table of Contents

Special Meeting of Bats Stockholders; Recommendation of the Bats Board	196
Special Meeting of CBOE Holdings Stockholders; Recommendation of the CBOE Holdings Board	198
Efforts to Complete the Merger	200
Conduct of Business Pending the Merger	202
Employee Matters	208
Board of Directors of CBOE Holdings After the Merger	209
Financing	209
Other Covenants and Agreements	214
Director and Officer Indemnification	215
Termination of the Merger Agreement	216
Representations and Warranties	220
Expenses	222
Governing Law; Jurisdiction; Specific Enforcement; Waiver of Jury Trial	222
Amendments, Extensions and Waivers	222
DESCRIPTION OF DEBT FINANCING	224
Overview	224
Interest Rate; Duration Fee	224
Prepayments and Redemptions	225
Collateral and Guarantors	225
Conditions Precedent	226
Covenants and Events of Default	226
INFORMATION ABOUT CBOE HOLDINGS, MERGER SUB AND MERGER LLC	227
CBOE Holdings	227
Merger Sub	227
Merger LLC	227
INFORMATION ABOUT BATS	228
Business	228
Facilities	<u>253</u>
Legal Proceedings	<u>254</u>
Regulation	<u>255</u>
Management	268
Compensation Discussion and Analysis	271
Director Compensation	287
Risk Analysis of Compensation Program	289
Compensation Committee Interlocks and Insider Participation	<u>289</u>
Certain Relationships and Related Transactions	289
BATS MANAGEMENT'S DISCUSSION AND ANALYSIS OF FINANCIAL CONDITION AND RESULTS OF OPERATIONS	292
Overview	292
History	294
Business Segments	295
Significant Recent Transactions Affecting Bats' Results of Operations	295
Acquisition Synergies	297
Bats' Model	298
Factors Affecting Results of Operations	299
Components of Revenues	300
Components of Cost of Revenues	303
Components of Operating Expenses	303
Results of Operations	305
Comparison of Nine Months Ended September 30, 2016 and 2015	306
iii	

Table of Contents

Comparison of Years Ended December 31, 2015 and 2014	<u>322</u>
Comparison of Years Ended December 31, 2014 and 2013	338
Quarterly Results of Operations	<u>351</u>
<u>Seasonality</u>	<u>353</u>
Liquidity and Capital Resources	<u>353</u>
Off Balance Sheet Arrangements	<u>358</u>
<u>Guarantees</u>	<u>358</u>
Critical Accounting Policies	<u>358</u>
BATS QUANTITATIVE AND QUALITATIVE DISCLOSURES ABOUT MARKET RISK	<u>363</u>
SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT OF CBOE HOLDINGS	<u>367</u>
SECURITY OWNERSHIP OF CERTAIN BENEFICIAL OWNERS AND MANAGEMENT OF BATS	<u>369</u>
DESCRIPTION OF CBOE HOLDINGS CAPITAL STOCK	<u>372</u>