

**EXHIBIT 5**

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**BY-LAWS OF NASDAQ, INC.**

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**Sec. 3.1 Annual Meetings of Stockholders**

(a) Nominations of persons for election to the Board and the proposal of other business to be considered by the stockholders may be made at an annual meeting of stockholders only (i) pursuant to the Corporation's notice of meeting (or any supplement thereto), (ii) by or at the direction of the Board or the Nominating & Governance Committee[ or] (iii) by any stockholder of the Corporation who (A) is a stockholder of record of the Corporation (and, with respect to any beneficial owner, if such person is different from the shareholder of record, on whose behalf such nomination or other business is made or proposed to be brought, only if such beneficial owner was the beneficial owner of shares of the Corporation) both at the time the notice provided for in this Section 3.1 is delivered to the Secretary of the Corporation and at the time of the meeting, (B) is entitled to vote at the meeting and (C) complies with the notice procedures set forth in this Section 3.1 or (iv) with respect to nominations of persons for election to the Board, pursuant to Section 3.6 of these By-Laws.

(b) – (d) No change.

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**Sec. 3.3 General**

(a) Only such persons who are nominated in accordance with the procedures set forth in this Article III (including, with respect to annual meetings, Section 3.6 of these By-Laws) shall be eligible to be elected at an annual or special meeting of stockholders of the Corporation to serve as directors and only such business shall be conducted at a meeting of stockholders as shall have been brought before the meeting in accordance with the procedures set forth in this Article III. Except as otherwise provided by law, the chairman of the meeting shall have the power and duty (i) to determine whether a nomination or any business proposed to be brought before the meeting was made or proposed, as the case may be, in accordance with the procedures set forth in this Article III (including whether the Proposing Person solicited (or is part of a group which solicited) or did not so solicit, as the case may be, proxies in support of such nomination or proposal in compliance with such Proposing Person's representation as required by Section 3.1(b)(iii)(O)) and (ii) if any proposed nomination or business was not made or proposed in compliance with this Article III, to declare that such nomination shall be disregarded or that such proposed business shall not be transacted. Notwithstanding the foregoing provisions of this Article III, if the stockholder (or a qualified representative of the

stockholder) does not appear at the annual or special meeting of stockholders of the Corporation to present a nomination or business, such nomination shall be disregarded and such proposed business shall not be transacted, notwithstanding that proxies in respect of such vote may have been received by the Corporation. For purposes of this Section 3.3, to be considered a qualified representative of the stockholder, a person must be a duly authorized officer, manager or partner of such stockholder or must be authorized by a writing executed by such stockholder or an electronic transmission delivered by such stockholder to act for such stockholder as proxy at the meeting of stockholders and such person must produce such writing or electronic transmission, or a reliable reproduction of the writing or electronic transmission, at the meeting of stockholders.

(b) No change.

(c) Notwithstanding the foregoing provisions of this Article III, a stockholder shall also comply with all applicable requirements of the Act and the rules and regulations thereunder with respect to the matters set forth in this Article III; provided however, that any references in these By-Laws to the Act or the rules and regulations promulgated thereunder are not intended to and shall not limit any requirements applicable to nominations or proposals as to any other business to be considered pursuant to this Article III (including Section 3.1(a)(iii) and (b) hereof), and compliance with Section 3.1(a)(iii) and (b) and Section 3.6 of this Article III shall be the exclusive means for a stockholder to make nominations[ or ] and compliance with Section 3.1(a)(iii) and (b) of this Article III shall be the exclusive means for a stockholder to submit other business (other than, as provided in the last sentence of Section 3.1(b), matters brought properly under and in compliance with Rule 14a-8 of the Act, as may be amended from time to time). Nothing in Article III shall be deemed to affect any rights (i) of stockholders to request inclusion of proposals in the Corporation's proxy statement pursuant to Rule 14a-8 under the Act or (ii) of the holders of any series of Preferred Stock to elect directors pursuant to any applicable provisions of the Restated Certificate of Incorporation.

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### **Sec. 3.5 Submission of Questionnaire, Representation and Agreement**

To be eligible to be a nominee for election or reelection as a director of the Corporation, a proposed nominee must deliver (in accordance with the time periods prescribed for delivery of a stockholder's notice under Section 3.1(b) or Section 3.2(i) or a Notice of Proxy Access Nomination under Section 3.6, as applicable), to the Secretary at the principal executive offices of the Corporation a written questionnaire with respect to the background and qualification of such proposed nominee (which questionnaire shall be provided by the Secretary upon written request), and a written representation and agreement (in form provided by the Secretary upon written request) that such proposed nominee (i) is not and will not become a party to (A) any agreement, arrangement or understanding with, and has not given any commitment or assurance to, any person as to how such proposed nominee, if elected as a director of the Corporation, will act or vote on any issue or question (a "Voting Commitment") that has not been fully disclosed to the Corporation or (B) any Voting Commitment that could limit or interfere with such

proposed nominee's ability to comply, if elected as a director of the Corporation, with such proposed nominee's fiduciary duties under applicable law, (ii) is not, and will not become a party to, any agreement, arrangement or understanding with any person other than the Corporation with respect to any direct or indirect compensation, reimbursement or indemnification in connection with service or action as a director of the Corporation that has not been fully disclosed to the Corporation, (iii) would be in compliance, if elected as a director of the Corporation, and will comply, with Section 4.3 and Section 4.14, and (iv) in such proposed nominee's individual capacity and on behalf of any person on whose behalf the nomination is made, would be in compliance, if elected as a director of the Corporation, and will comply, with the Corporation's Corporate Governance Guidelines, Board of Director Code of Conduct and Code of Ethics, including all applicable, publicly disclosed conflict of interest, confidentiality, stock ownership and insider trading policies and guidelines of the Corporation.

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### **Sec. 3.6 Proxy Access**

(a) Whenever the Board solicits proxies with respect to the election of directors at an annual meeting of stockholders, subject to the provisions of this Section 3.6, the Corporation shall include in its proxy statement, on its form proxy and on any ballot distributed at such annual meeting, in addition to any persons nominated for election by the Board or any committee thereof, the name, together with the Required Information (defined below), of any person nominated for election (the "Stockholder Nominee") to the Board by a stockholder or group of stockholders that satisfies the requirements of this Section 3.6 (such stockholder or stockholder group, including each member thereof to the extent the context requires, the "Eligible Stockholder"), and who expressly elects at the time of providing the notice required by this Section 3.6 (the "Notice of Proxy Access Nomination") to have its nominee included in the Corporation's proxy materials pursuant to this Section 3.6. For purposes of this Section 3.6, in calculating the number of stockholders in a group seeking to qualify as an Eligible Stockholder, two or more funds that are (i) under common management and investment control, (ii) under common management and funded primarily by the same employer, or (iii) a "group of investment companies" as such term is defined in Section 12(d)(1)(G)(ii) of the Investment Company Act of 1940, as amended, shall be counted as one stockholder. In the event that the Eligible Stockholder consists of a group of stockholders, any and all requirements and obligations for an individual Eligible Stockholder that are set forth in these By-Laws, including the Minimum Holding Period, shall apply to each member of such group; provided, however, that the Required Ownership Percentage shall apply to the ownership of the group in the aggregate. For purposes of this Section 3.6, the "Required Information" that the Corporation will include in its proxy statement is the information provided to the Secretary of the Corporation concerning the Stockholder Nominee and the Eligible Stockholder that is required to be disclosed in the Corporation's proxy statement by the regulations promulgated under the Act, and if the Eligible Stockholder so elects, a written statement of the Eligible Stockholder (or, in the case of a group, a written statement of the group), not to exceed 500 words, in support of the Stockholder Nominee(s)' candidacy (the "Statement"). Notwithstanding anything to the contrary contained in this Section 3.6, the Corporation may omit from its proxy materials any

information or Statement (or portion thereof) that it, in good faith, believes is untrue in any material respect (or omits to state a material fact necessary in order to make the statements made, in light of the circumstances under which they are made, not misleading) or would violate any applicable law or regulation, and the Corporation may solicit against, and include in the proxy statement its own statement relating to, any Stockholder Nominee.

(b) To be timely, the Notice of Proxy Access Nomination must be addressed to the Secretary of the Corporation and received by, the Secretary of the Corporation no earlier than one hundred fifty (150) days and no later than one hundred twenty (120) days before the anniversary of the date that the Corporation issued its proxy statement for the previous year's annual meeting of stockholders.

(c) The maximum number of Stockholder Nominees nominated by all Eligible Stockholders that will be included in the Corporation's proxy materials with respect to an annual meeting of stockholders shall not exceed the greater of two and 25% of the total number of directors in office (rounded down to the nearest whole number) as of the last day on which a Notice of Proxy Access Nomination may be delivered pursuant to and in accordance with this Section 3.6 (the "Final Proxy Access Nomination Date"). In the event that one or more vacancies for any reason occurs after the Final Proxy Access Nomination Date but before the date of the annual meeting and the Board resolves to reduce the size of the Board in connection therewith, the maximum number of Stockholder Nominees included in the Corporation's proxy materials shall be calculated based on the number of directors in office as so reduced. Any individual nominated by an Eligible Stockholder for inclusion in the Corporation's proxy materials pursuant to this Section 3.6 whom the Board decides to nominate as a nominee of the Board, and any individual nominated by an Eligible Stockholder for inclusion in the Corporation's proxy materials pursuant to this Section 3.6 but whose nomination is subsequently withdrawn, shall be counted as one of the Stockholder Nominees for purposes of determining when the maximum number of Stockholder Nominees provided for in this Section 3.6 has been reached. Any Eligible Stockholder submitting more than one Stockholder Nominee for inclusion in the Corporation's proxy materials pursuant to this Section 3.6 shall rank such Stockholder Nominees based on the order that the Eligible Stockholder desires such Stockholder Nominees to be selected for inclusion in the Corporation's proxy statement in the event that the total number of Stockholder Nominees submitted by Eligible Stockholders pursuant to this Section 3.6 exceeds the maximum number of nominees provided for in this Section 3.6. In the event that the number of Stockholder Nominees submitted by Eligible Stockholders pursuant to this Section 3.6 exceeds the maximum number of nominees provided for in this Section 3.6, the highest ranking Stockholder Nominee who meets the requirements of this Section 3.6 from each Eligible Stockholder will be selected for inclusion in the Corporation's proxy materials until the maximum number is reached, going in order of the amount (largest to smallest) of shares of the Corporation's outstanding common stock each Eligible Stockholder disclosed as owned in its respective Notice of Proxy Access Nomination submitted to the Corporation. If the maximum number is not reached after the highest ranking Stockholder Nominee who meets the requirements of this Section 3.6 from each Eligible Stockholder has been selected, this process will continue as many times as necessary, following the same order each time, until the maximum number is reached. Following such determination, if any Stockholder Nominee who satisfies the eligibility requirements of this Section 3.6 (y)

thereafter is nominated by the Board or (z) thereafter is not included in the Corporation's proxy materials or is not submitted for election as a director, in either case, as a result of the Eligible Stockholder becoming ineligible or withdrawing its nomination, the Stockholder Nominee becoming unwilling or unable to serve on the Board or the Eligible Stockholder or the Stockholder Nominee failing to comply with the provisions of this Section 3.6, no other nominee or nominees shall be included in the Corporation's proxy materials or otherwise submitted for director election in substitution thereof.

(d) For purposes of this Section 3.6, an Eligible Stockholder shall be deemed to "own" only those outstanding shares of common stock of the Corporation as to which the stockholder possesses both:

(i) the full voting and investment rights pertaining to the shares; and

(ii) the full economic interest in (including the opportunity for profit from and risk of loss on) such shares;

provided that the number of shares calculated in accordance with clauses (i) and (ii) shall not include any shares:

(x) sold by such stockholder or any of its affiliates in any transaction that has not been settled or closed, including any short sale;

(y) borrowed by such stockholder or any of its affiliates for any purposes or purchased by such stockholder or any of its affiliates pursuant to an agreement to resell; or

(z) subject to any option, warrant, forward contract, swap, contract of sale, other derivative or similar agreement entered into by such stockholder or any of its affiliates, whether any such instrument or agreement is to be settled with shares or with cash based on the notional amount or value of shares of outstanding common stock of the Corporation, in any such case which instrument or agreement has, or is intended to have, or if exercised by either party would have, the purpose or effect of:

(1) reducing in any manner, to any extent or at any time in the future, such stockholder's or its affiliates' full right to vote or direct the voting of any such shares; and/or

(2) hedging, offsetting or altering to any degree any gain or loss realized or realizable from maintaining the full economic ownership of such shares by such stockholder or its affiliates.

A stockholder shall "own" shares held in the name of a nominee or other intermediary so long as the stockholder retains the right to instruct how the shares are voted with respect to the election of directors and possesses the full economic interest in the shares. A stockholder's ownership of shares shall be deemed to continue during any period in which the stockholder has delegated any voting power by means of a proxy, power of attorney or other instrument or arrangement which is revocable at any time by the stockholder. A stockholder's ownership of shares shall be deemed to continue during any period in which the stockholder has loaned such shares provided that the stockholder

has the power to recall such loaned shares on three (3) business days' notice, has recalled such loaned shares as of the date of the Notice of Proxy Access Nomination and holds such shares through the date of the annual meeting. The terms "owned," "owning" and other variations of the word "own" shall have correlative meanings. Whether outstanding shares of the common stock of the Corporation are "owned" for these purposes shall be determined by the Board or any committee thereof, in each case, in its sole discretion. For purposes of this Section 3.6, the term "affiliate" or "affiliates" shall have the meaning ascribed thereto under the rules and regulations of the Act. An Eligible Stockholder shall include in its Notice of Proxy Access Nomination the number of shares it is deemed to own for the purposes of this Section 3.6.

(e) In order to make a nomination pursuant to this Section 3.6, an Eligible Stockholder must have owned (as defined above) the Required Ownership Percentage (as defined below) of the Corporation's outstanding common stock (the "Required Shares") continuously for the Minimum Holding Period (as defined below) as of both the date the Notice of Proxy Access Nomination is received by, the Secretary of the Corporation in accordance with this Section 3.6 and the record date for determining the stockholders entitled to vote at the annual meeting and must continue to own the Required Shares through the meeting date. For purposes of this Section 3.6, the "Required Ownership Percentage" shall be 3% or more. For purposes of this Section 3.6, the "Minimum Holding Period" is 3 years. Within the time period specified in this Section 3.6 for delivering the Notice of Proxy Access Nomination, an Eligible Stockholder must provide the following information in writing to the Secretary of the Corporation:

(i) one or more written statements from the record holder of the shares (and from each intermediary through which the shares are or have been held during the Minimum Holding Period) verifying that, as of a date within seven calendar days prior to the date the Notice of Proxy Access Nomination is delivered to, or mailed to and received by, the Secretary of the Corporation, the Eligible Stockholder owns, and has owned continuously for the Minimum Holding Period, the Required Shares, and the Eligible Stockholder's agreement to provide, within five (5) business days after the record date for the annual meeting, written statements from the record holder and intermediaries verifying the Eligible Stockholder's continuous ownership of the Required Shares through the record date;

(ii) a copy of the Schedule 14N that has been filed with the SEC as required by Rule 14a-18 under the Act;

(iii) the information, representations and agreements that are the same as those that would be required to be set forth in a stockholder's notice of nomination pursuant to Section 3.1(b)(i) and Section 3.1(b)(iii) of these By-Laws (except that, for purposes of this Section 3.6(e)(iii), the term "Eligible Stockholder" shall be substituted for the term "Proposing Person" in all places it appears in Section 3.1(b)(i) and Section 3.1(b)(iii));

(iv) the consent of each Stockholder Nominee to being named in the proxy statement as a nominee and to serving as a director if elected;

(v) a representation that the Eligible Stockholder:

(A) acquired the Required Shares in the ordinary course of business and not with the intent to change or influence control at the Corporation, and does not presently have such intent,

(B) presently intends to maintain qualifying ownership of the Required Shares through the date of the annual meeting,

(C) has not nominated and will not nominate for election any individual as a director at the annual meeting, other than its Stockholder Nominee(s),

(D) has not engaged and will not engage in, and has not and will not be a “participant” in another person’s, “solicitation” within the meaning of Rule 14a-1(l) under the Act in support of the election of any individual as a director at the annual meeting, other than its Stockholder Nominee(s) or a nominee of the Board,

(E) agrees to comply with all applicable laws and regulations with respect to any solicitation in connection with the meeting or applicable to the filing and use, if any, of soliciting material,

(F) will provide facts, statements and other information in all communications with the Corporation and its stockholders that are or will be true and correct in all material respects and do not and will not omit to state a material fact necessary in order to make the statements made, in light of the circumstances under which they were made, not misleading, and

(G) as to any two or more funds whose shares are aggregated to count as one stockholder for the purpose of constituting an Eligible Stockholder, within five business days after the date of the Notice of Proxy Access Nomination, will provide to the Corporation documentation reasonably satisfactory to the Corporation that demonstrates that the funds satisfy the requirements of the second sentence of subsection (a) of this Section 3.6;

(vi) a representation as to the Eligible Stockholder’s intentions with respect to maintaining qualifying ownership of the Required Shares for at least one year following the annual meeting;

(vii) an undertaking that the Eligible Stockholder agrees to:

(A) assume all liability stemming from any legal or regulatory violation arising out of the Eligible Stockholder’s communications with the stockholders of the Corporation or out of the information that the Eligible Stockholder provided to the Corporation;

(B) indemnify and hold harmless the Corporation and each of its directors, officers and employees individually against any liability, loss or damages in connection with any threatened or pending action, suit or proceeding, whether legal, administrative or investigative, against the Corporation or any of its directors, officers or employees arising out of any nomination submitted by the Eligible Stockholder pursuant to this Section 3.6; and

(C) file with the SEC any solicitation or other communication with the Corporation's stockholders relating to the meeting at which the Stockholder Nominee will be nominated, regardless of whether any such filing is required under Regulation 14A of the Act or whether any exemption from filing is available thereunder; and

(viii) in the case of a nomination by a group of stockholders that together is an Eligible Stockholder, the designation by all group members of one group member that is authorized to act on behalf of all such members with respect to the nomination and matters related thereto, including withdrawal of the nomination.

(f) Within the time period specified in this Section 3.6 for delivering the Notice of Proxy Access Nomination, a Stockholder Nominee must deliver to the Secretary of the Corporation (which shall be deemed to be part of the Stockholder Notice for purposes of this Section 3.6):

(i) the information required with respect to persons whom a stockholder proposes to nominate for election or reelection as a director by Section 3.1(b)(i) of these By-Laws including, but not limited to, the signed questionnaire, representation and agreement required by Section 3.1(b)(i)(D) of these By-Laws;

(ii) a written representation and agreement that such person:

(A) will act as a representative of all of the stockholders of the Corporation while serving as a director; and

(B) will provide facts, statements and other information in all communications with the Corporation and its stockholders that are or will be true and correct in all material respects (and shall not omit to state a material fact necessary in order to make the statements made, in light of the circumstances under which they were made, not misleading).

At the request of the Corporation, the Stockholder Nominee(s) must submit all completed and signed questionnaires required of directors and officers of the Corporation. The Corporation may request such additional information as necessary to (y) permit the Board to determine if each Stockholder Nominee satisfies the requirements of this Section 3.6 or if each Stockholder Nominee is independent under the listing standards of the NASDAQ Stock Market, any applicable rules of the SEC and any publicly disclosed standards used by the Board in determining and disclosing the independence of the Corporation's directors and/or (z) permit the Secretary of the Corporation to determine the classification of such nominee as an Industry, Non-Industry, Issuer or Public Director, if applicable, in order to make the certification referenced in Section 4.13(h)(iii) of these By-Laws.

(g) In the event that any information or communications provided by the Eligible Stockholder or the Stockholder Nominee to the Corporation or its stockholders ceases to be true and correct in all material respects or omits a material fact necessary to make the statements made, in light of the circumstances under which they were made, not misleading, each Eligible Stockholder or Stockholder Nominee, as the case may be, shall promptly notify the Secretary of the Corporation of any defect in such previously

provided information and of the information that is required to correct any such defect; it being understood that providing any such notification shall not be deemed to cure any defect or, with respect to any defect that the Corporation determines is material, limit the Corporation's rights to omit a Stockholder Nominee from its proxy materials as provided in this Section 3.6.

(h) The Corporation shall not be required to include, pursuant to this Section 3.6, a Stockholder Nominee in its proxy materials for any meeting of stockholders, any such nomination shall be disregarded and no vote on such Stockholder Nominee will occur, notwithstanding that proxies in respect of such vote may have been received by the Corporation:

(i) if the Eligible Stockholder who has nominated such Stockholder Nominee has engaged in or is currently engaged in, or has been or is a "participant" in another person's, "solicitation" within the meaning of Rule 14a-1(l) under the Act in support of the election of any individual as a director at the annual meeting other than its Stockholder Nominee(s) or a nominee of the Board;

(ii) who is not independent under the listing standards of the NASDAQ Stock Market, any applicable rules of the SEC and any publicly disclosed standards used by the Board in determining and disclosing independence of the Corporation's directors, in each case as determined by the Board in its sole discretion;

(iii) whose election as a member of the Board would cause the Corporation to be in violation of these By-Laws (including but not limited to the compositional requirements of the Board as set forth in Section 4.3 hereof), the Certificate of Incorporation, the rules and listing standards of the NASDAQ Stock Market, or any applicable state or federal law, rule or regulation;

(iv) who is or has been, within the past three (3) years, an officer or director of a competitor, as defined for purposes of Section 8 of the Clayton Antitrust Act of 1914;

(v) who is a named subject of a pending criminal proceeding (excluding traffic violations and other minor offenses) or has been convicted in such a criminal proceeding within the past ten (10) years;

(vi) who is subject to any order of the type specified in Rule 506(d) of Regulation D promulgated under the Securities Act of 1933, as amended;

(vii) who is subject to "statutory disqualification" under Section 3(a)(39) of the Act;

(viii) if such Stockholder Nominee or the applicable Eligible Stockholder shall have provided information to the Corporation in respect to such nomination that was untrue in any material respect or omitted to state a material fact necessary in order to make the statements made, in light of the circumstances under which they were made, not misleading, as determined by the Board or any committee thereof, in each case, in its sole discretion; or

(ix) the Eligible Stockholder or applicable Stockholder Nominee breaches or fails to comply with its obligations pursuant to these By-Laws, including, but not limited to, this Section 3.6 and any agreement, representation or undertaking required by this Section 3.6.

(i) Notwithstanding anything to the contrary set forth herein, the Board or the chairman of the meeting of stockholders shall declare a nomination by an Eligible Stockholder to be invalid, and such nomination shall be disregarded notwithstanding that proxies in respect of such vote may have been received by the Corporation, if:

(i) the Stockholder Nominee(s) and/or the applicable Eligible Stockholder shall have breached its or their obligations under this Section 3.6, as determined by the Board or the chairman of the meeting of stockholders, in each case, in its or his sole discretion; or

(ii) the Eligible Stockholder (or a qualified representative thereof) does not appear at the meeting of stockholders to present any nomination pursuant to this Section 3.6.

(j) Any Stockholder Nominee who is included in the Corporation's proxy materials for a particular annual meeting of stockholders but either:

(i) withdraws from or becomes ineligible or unavailable for election at the annual meeting; or

(ii) does not receive at least 25% of the votes cast in favor of such Stockholder Nominee's election

will be ineligible to be a Stockholder Nominee pursuant to this Section 3.6 for the next two annual meetings.

For the avoidance of doubt, this Section 3.6(j) shall not prevent any stockholder from nominating any person to the Board pursuant to and in accordance with Section 3.1 of these By-Laws.

(k) The Board (or any other person or body authorized by the Board) shall have the exclusive power and authority to interpret the provisions of this Section 3.6 of these By-Laws and make all determinations deemed necessary or advisable in connection with this Section 3.6 as to any person, facts or circumstances. All such actions, interpretations and determinations that are done or made by the Board (or any other person or body authorized by the Board) shall be final, conclusive and binding on the Corporation, the stockholders and all other parties.

(l) No stockholder shall be permitted to join more than one group of stockholders to become an Eligible Stockholder for purposes of nominations pursuant to this Section 3.6 per each annual meeting of stockholders.

(m) This Section 3.6 shall be the exclusive method for stockholders to include nominees for director in the Corporation's proxy materials.