Securities and Exchange Commission

§ 242.613 Exemptions. The Commission, by order, may exempt from the provisions of this section, either unconditionally or on specified terms and conditions, any person, security, transaction, quotation, or order, or any class or classes of persons, securities, quotations, or orders, if the Commission determines that such exemption is necessary or appropriate in the public interest, and is consistent with the protection of investors.

§ 242.612 Minimum pricing increment.
(a) No national securities exchange, national securities association, alternative trading system, vendor, or broker or dealer shall display, rank, or accept from any person a bid or offer, an order, or an indication of interest in any NMS stock priced in an increment smaller than $0.01 if that bid or offer, order, or indication of interest is priced equal to or greater than $1.00 per share.
(b) No national securities exchange, national securities association, alternative trading system, vendor, or broker or dealer shall display, rank, or accept from any person a bid or offer, an order, or an indication of interest in any NMS stock priced in an increment smaller than $0.0001 if that bid or offer, order, or indication of interest is priced less than $1.00 per share.
(c) The Commission, by order, may exempt from the provisions of this section, either unconditionally or on specified terms and conditions, any person, security, transaction, quotation, or order, or any class or classes of persons, securities, quotations, or orders, if the Commission determines that such exemption is necessary or appropriate in the public interest, and is consistent with the protection of investors.

§ 242.613 Consolidated audit trail.
(a) Creation of a national market system plan governing a consolidated audit trail.
(1) Each national securities exchange and national securities association shall jointly file on or before 270 days from the date of publication of the Adopting Release in the Federal Register a national market system plan to govern the creation, implementation, and maintenance of a consolidated audit trail and central repository as required by this section. The national market system plan shall discuss the following considerations:
(i) The method(s) by which data will be reported to the central repository including, but not limited to, the sources of such data and the manner in which the central repository will receive, extract, transform, load, and retain such data; and the basis for selecting such method(s);
(ii) The time and method by which the data in the central repository will be made available to regulators, in accordance with paragraph (e)(1) of this section, to perform surveillance or analyses, or for other purposes as part of their regulatory and oversight responsibilities;
(iii) The reliability and accuracy of the data reported to and maintained by the central repository throughout its lifecycle, including transmission and receipt from market participants; data extraction, transformation and loading at the central repository; data maintenance and management at the central repository; and data access by regulators;
(iv) The security and confidentiality of the information reported to the central repository;
(v) The flexibility and scalability of the systems used by the central repository to collect, consolidate and store consolidated audit trail data, including the capacity of the consolidated audit trail to efficiently incorporate, in a cost-effective manner, improvements in technology, additional capacity, additional order data, information about additional securities or transactions, changes in regulatory requirements, and other developments;
(vi) The feasibility, benefits, and costs of broker-dealers reporting to the consolidated audit trail in a timely manner;
(A) The identity of all market participants (including broker-dealers and customers) that are allocated NMS securities, directly or indirectly, in a primary market transaction;
(B) The number of such securities each such market participant is allocated; and
(C) The identity of the broker-dealer making each such allocation;
(vii) The detailed estimated costs for creating, implementing, and maintaining the consolidated audit trail as contemplated by the national market system plan, which estimated costs should specify:

(A) An estimate of the costs to the plan sponsors for establishing and maintaining the central repository;

(B) An estimate of the costs to members of the plan sponsors, initially and on an ongoing basis, for reporting the data required by the national market system plan;

(C) An estimate of the costs to the plan sponsors, initially and on an ongoing basis, for reporting the data required by the national market system plan; and

(D) How the plan sponsors propose to fund the creation, implementation, and maintenance of the consolidated audit trail, including the proposed allocation of such estimated costs among the plan sponsors, and between the plan sponsors and members of the plan sponsors;

(viii) An analysis of the impact on competition, efficiency and capital formation of creating, implementing, and maintaining of the national market system plan;

(ix) A plan to eliminate existing rules and systems (or components thereof) that will be rendered duplicative by the consolidated audit trail, including identification of such rules and systems (or components thereof); to the extent that any existing rules or systems related to monitoring quotes, orders, and executions provide information that is not rendered duplicative by the consolidated audit trail, an analysis of:

(A) Whether the collection of such information remains appropriate;

(B) If still appropriate, whether such information should continue to be separately collected or should instead be incorporated into the consolidated audit trail; and

(C) If no longer appropriate, how the collection of such information could be efficiently terminated; the steps the plan sponsors propose to take to seek Commission approval for the elimination of such rules and systems (or components thereof); and a timetable for such elimination, including a description of how the plan sponsors propose to phase in the consolidated audit trail and phase out such existing rules and systems (or components thereof);

(x) Objective milestones to assess progress toward the implementation of the national market system plan;

(xi) The process by which the plan sponsors solicited views of their members and other appropriate parties regarding the creation, implementation, and maintenance of the consolidated audit trail, a summary of the views of such members and other parties, and how the plan sponsors took such views into account in preparing the national market system plan; and

(xii) Any reasonable alternative approaches to creating, implementing, and maintaining a consolidated audit trail that the plan sponsors considered in developing the national market system plan including, but not limited to, a description of any such alternative approach; the relative advantages and disadvantages of each such alternative, including an assessment of the alternative’s costs and benefits; and the basis upon which the plan sponsors selected the approach reflected in the national market system plan.

(2) The national market system plan, or any amendment thereto, filed pursuant to this section shall comply with the requirements in §242.608(a), if applicable, and be filed with the Commission pursuant to §242.608.

(3) The national market system plan submitted pursuant to this section shall require each national securities exchange and national securities association to:

(i) Within two months after effectiveness of the national market system plan jointly (or under the governance structure described in the plan) select a person to be the plan processor;

(ii) Within four months after effectiveness of the national market system plan synchronize their business clocks and require members of each such exchange and association to synchronize their business clocks in accordance with paragraph (d) of this section;

(iii) Within one year after effectiveness of the national market system plan provide to the central repository the data specified in paragraph (c) of this section;
(iv) Within fourteen months after effectiveness of the national market system plan implement a new or enhanced surveillance system(s) as required by paragraph (f) of this section;

(v) Within two years after effectiveness of the national market system plan require members of each such exchange and association, except those members that qualify as small broker-dealers as defined in §240.0–10(c) of this chapter, to provide to the central repository the data specified in paragraph (c) of this section; and

(vi) Within three years after effectiveness of the national market system plan require members of each such exchange and association that qualify as small broker-dealers as defined in §240.0–10(c) of this chapter to provide to the central repository the data specified in paragraph (c) of this section.

(4) Each national securities exchange and national securities association shall be a sponsor of the national market system plan submitted pursuant to this section and approved by the Commission.

(5) No national market system plan filed pursuant to this section, or any amendment thereto, shall become effective unless approved by the Commission or otherwise permitted in accordance with the procedures set forth in §242.608. In determining whether to approve the national market system plan, or any amendment thereto, and whether the national market system plan or any amendment thereto is in the public interest under §242.608(b)(2), the Commission shall consider the impact of the national market system plan or amendment, as applicable, on efficiency, competition, and capital formation.

(b) Operation and administration of the national market system plan.

(1) The national market system plan submitted pursuant to this section shall include a governance structure to ensure fair representation of the plan sponsors, and administration of the central repository, including the selection of the plan processor.

(2) The national market system plan submitted pursuant to this section shall include a provision addressing the requirements for the admission of new sponsors of the plan and the withdrawal of existing sponsors from the plan.

(3) The national market system plan submitted pursuant to this section shall include a provision addressing the percentage of votes required by the plan sponsors to effectuate amendments to the plan.

(4) The national market system plan submitted pursuant to this section shall include a provision addressing the manner in which the costs of operating the central repository will be allocated among the national securities exchanges and national securities associations that are sponsors of the plan, including a provision addressing the manner in which costs will be allocated to new sponsors to the plan.

(5) The national market system plan submitted pursuant to this section shall require the appointment of a Chief Compliance Officer to regularly review the operation of the central repository to assure its continued effectiveness in light of market and technological developments, and make any appropriate recommendations for enhancements to the nature of the information collected and the manner in which it is processed.

(6) The national market system plan submitted pursuant to this section shall include a provision requiring the plan sponsors to provide to the Commission, at least every two years after effectiveness of the national market system plan, a written assessment of the operation of the consolidated audit trail. Such document shall include, at a minimum:

(i) An evaluation of the performance of the consolidated audit trail including, at a minimum, with respect to data accuracy (consistent with paragraph (e)(6) of this section), timeliness of reporting, comprehensiveness of data elements, efficiency of regulatory access, system speed, system downtime, system security (consistent with paragraph (e)(4) of this section), and other performance metrics to be determined by the Chief Compliance Officer, along with a description of such metrics;

(ii) A detailed plan, based on such evaluation, for any potential improvements to the performance of the consolidated audit trail with respect to...
any of the following: improving data accuracy; shortening reporting timeframes; expanding data elements; adding granularity and details regarding the scope and nature of Customer-IDs; expanding the scope of the national market system plan to include new instruments and new types of trading and order activities; improving the efficiency of regulatory access; increasing system speed; reducing system downtime; and improving performance under other metrics to be determined by the Chief Compliance Officer;

(iii) An estimate of the costs associated with any such potential improvements to the performance of the consolidated audit trail, including an assessment of the potential impact on competition, efficiency, and capital formation; and

(iv) An estimated implementation timeline for any such potential improvements, if applicable.

(7) The national market system plan submitted pursuant to this section shall include an Advisory Committee which shall function in accordance with the provisions set forth in this paragraph (b)(7). The purpose of the Advisory Committee shall be to advise the plan sponsors on the implementation, operation, and administration of the central repository.

(i) The national market system plan submitted pursuant to this section shall set forth the term and composition of the Advisory Committee, which composition shall include representatives of the member firms of the plan sponsors.

(ii) Members of the Advisory Committee shall have the right to attend any meetings of the plan sponsors, to receive information concerning the operation of the central repository, and to provide their views to the plan sponsors; provided, however, that the plan sponsors may meet without the Advisory Committee members in executive session if, by affirmative vote of a majority of the plan sponsors, the plan sponsors determine that such an executive session is required.

(c) Data recording and reporting.

(1) The national market system plan submitted pursuant to this section shall provide for an accurate, time-sequenced record of orders beginning with the receipt or origination of an order by a member of a national securities exchange or national securities association, and further documenting the life of the order through the process of routing, modification, cancellation, and execution (in whole or in part) of the order.

(2) The national market system plan submitted pursuant to this section shall require each national securities exchange, national securities association, and member to report to the central repository the information required by paragraph (c)(7)(i) through (v) of this section in a uniform electronic format, or in a manner that would allow the central repository to convert the data to a uniform electronic format, for consolidation and storage.

(3) The national market system plan submitted pursuant to this section shall require each national securities exchange, national securities association, and member to record the information required by paragraphs (c)(7)(i) through (v) of this section contemporaneously with the reportable event. The national market system plan shall require that information recorded pursuant to paragraphs (c)(7)(i) through (v) of this section must be reported to the central repository by 8:00 a.m. Eastern Time on the trading day following the day such information has been recorded by the national securities exchange, national securities association, or member. The national market system plan may accommodate voluntary reporting prior to 8:00 a.m. Eastern Time, but shall not impose an earlier reporting deadline on the reporting parties.

(4) The national market system plan submitted pursuant to this section shall require each member of a national securities exchange or national securities association to record and report to the central repository the information required by paragraphs (c)(7)(vi) through (viii) of this section by 8:00 a.m. Eastern Time on the trading day following the day the member receives such information. The national market system plan may accommodate voluntary reporting prior to 8:00 a.m. Eastern Time, but shall not impose an earlier reporting deadline on the reporting parties.
(5) The national market system plan submitted pursuant to this section shall require each national securities exchange and its members to record and report to the central repository the information required by paragraph (c)(7) of this section for each NMS security registered or listed for trading on such exchange or admitted to unlisted trading privileges on such exchange.

(6) The national market system plan submitted pursuant to this section shall require each national securities association and its members to record and report to the central repository the information required by paragraph (c)(7) of this section for each NMS security for which transaction reports are required to be submitted to the association.

(7) The national market system plan submitted pursuant to this section shall require each national securities exchange, national securities association, and any member of such exchange or association to record and electronically report to the central repository details for each order and each reportable event, including, but not limited to, the following information:

(i) For original receipt or origination of an order:
   (A) Customer-ID(s) for each customer;
   (B) The CAT-Order-ID;
   (C) The CAT-Reporter-ID of the broker-dealer receiving or originating the order;
   (D) Date of order receipt or origination;
   (E) Time of order receipt or origination (using time stamps pursuant to paragraph (d)(3) of this section); and
   (F) Material terms of the order.

(ii) For the routing of an order, the following information:
   (A) The CAT-Order-ID;
   (B) Date on which the order is routed;
   (C) Time at which the order is routed (using time stamps pursuant to paragraph (d)(3) of this section);
   (D) The CAT-Reporter-ID of the broker-dealer, national securities exchange, or national securities association routing the order;
   (E) The CAT-Reporter-ID of the broker-dealer or national securities exchange routing the order; and
   (F) Material terms of the order.

(iii) If the order is modified or cancelled, the following information:
   (A) The CAT-Order-ID;
   (B) Date the modification or cancellation is received or originated;
   (C) Time the modification or cancellation is received or originated (using time stamps pursuant to paragraph (d)(3) of this section);
   (D) Price and remaining size of the order, if modified;
   (E) Other changes in material terms of the order, if modified; and
   (F) The CAT-Reporter-ID of the broker-dealer or Customer-ID of the person giving the modification or cancellation instruction.

(iv) If the order is executed, in whole or part, the following information:
   (A) The CAT-Order-ID;
   (B) Date of execution;
   (C) Time of execution (using time stamps pursuant to paragraph (d)(3) of this section);
   (D) Execution capacity (principal, agency, riskless principal);
   (E) Execution price and size;
   (F) The CAT-Reporter-ID of the broker-dealer executing the order; and
   (G) Whether the execution was reported pursuant to an effective transaction reporting plan or the Plan for Reporting of Consolidated Options Last
Sale Reports and Quotation Information.

(vi) If the order is executed, in whole or part, the following information:

(A) The account number for any subaccounts to which the execution is allocated (in whole or part);

(B) The CAT-Reporter-ID of the clearing broker or prime broker, if applicable; and

(C) The CAT-Order-ID of any contra-side orders).

(vii) If the trade is cancelled, a cancelled trade indicator.

(viii) For original receipt or origination of an order, the following information:

(A) Information of sufficient detail to identify the customer; and

(B) Customer account information.

(8) All plan sponsors and their members shall use the same Customer-ID and CAT-Reporter-ID for each customer and broker-dealer.

(d) Clock synchronization and time stamps. The national market system plan submitted pursuant to this section shall require:

(1) Each national securities exchange, national securities association, and member of such exchange or association to synchronize its business clocks that are used for the purposes of recording the date and time of any reportable event that must be reported pursuant to this section to the time maintained by the National Institute of Standards and Technology, consistent with industry standards;

(2) Each national securities exchange and national securities association to evaluate annually the clock synchronization standard to determine whether it should be shortened, consistent with changes in industry standards; and

(3) Each national securities exchange, national securities association, and member of such exchange or association to utilize the time stamps required by paragraph (c)(7) of this section, with at minimum the granularity set forth in the national market system plan submitted pursuant to this section, which shall reflect current industry standards and be at least to the millisecond. To the extent that the relevant order handling and execution systems of any national securities exchange, national securities association, or member of such exchange or association utilize time stamps in increments finer than the minimum required by the national market system plan, the plan shall require such national securities exchange, national securities association, or member to utilize time stamps in such finer increments when providing data to the central repository, so that all reportable events reported to the central repository by any national securities exchange, national securities association, or member can be accurately sequenced. The national market system plan shall require the sponsors of the national market system plan to annually evaluate whether industry standards have evolved such that the required time stamp standard should be in finer increments.

(e) Central repository.

(1) The national market system plan submitted pursuant to this section shall provide for the creation and maintenance of a central repository. Such central repository shall be responsible for the receipt, consolidation, and retention of all information reported pursuant to paragraph (c)(7) of this section. The central repository shall store and make available to regulators data in a uniform electronic format, and in a form in which all events pertaining to the same originating order are linked together in a manner that ensures timely and accurate retrieval of the information required by paragraph (c)(7) of this section for all reportable events for that order.

(2) Each national securities exchange, national securities association, and the Commission shall have access to the central repository, including all systems operated by the central repository, and access to and use of the data reported to and consolidated by the central repository under paragraph (c) of this section, for the purpose of performing its respective regulatory and oversight responsibilities pursuant to the federal securities laws, rules, and regulations. The national market system plan submitted pursuant to this section shall provide that such access to and use of such data by each national securities exchange, national securities association, and the Commission for the purpose of performing its
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regulatory and oversight responsibilities pursuant to the federal securities laws, rules, and regulations shall not be limited.

(3) The national market system plan submitted pursuant to this section shall include a provision requiring the creation and maintenance by the plan processor of a method of access to the consolidated data stored in the central repository that includes the ability to run searches and generate reports.

(4) The national market system plan submitted pursuant to this section shall include policies and procedures, including standards, to be used by the plan processor to:

(i) Ensure the security and confidentiality of all information reported to the central repository by requiring that:

(A) All plan sponsors and their employees, as well as all employees of the central repository, agree to use appropriate safeguards to ensure the confidentiality of such data and agree not to use such data for any purpose other than surveillance and regulatory purposes, provided that nothing in this paragraph (e)(4)(i)(A) shall be construed to prevent a plan sponsor from using the data that it reports to the central repository for regulatory, surveillance, commercial, or other purposes as otherwise permitted by applicable law, rule, or regulation;

(B) Each plan sponsor adopt and enforce rules that:

(1) Require information barriers between regulatory staff and non-regulatory staff with regard to access and use of data in the central repository; and

(2) Permit only persons designated by plan sponsors to have access to the data in the central repository;

(C) The plan processor:

(1) Develop and maintain a comprehensive information security program for the central repository, with dedicated staff, that is subject to regular reviews by the Chief Compliance Officer;

(2) Have a mechanism to confirm the identity of all persons permitted to access the data; and

(3) Maintain a record of all instances where such persons access the data; and

(D) The plan sponsors adopt penalties for non-compliance with any policies and procedures of the plan sponsors or central repository with respect to information security.

(ii) Ensure the timeliness, accuracy, integrity, and completeness of the data provided to the central repository pursuant to paragraph (c) of this section; and

(iii) Ensure the accuracy of the consolidation by the plan processor of the data provided to the central repository pursuant to paragraph (c) of this section.

(5) The national market system plan submitted pursuant to this section shall address whether there will be an annual independent evaluation of the security of the central repository and:

(i) If so, provide a description of the scope of such planned evaluation; and

(ii) If not, provide a detailed explanation of the alternative measures for evaluating the security of the central repository that are planned instead.

(6) The national market system plan submitted pursuant to this section shall:

(i) Specify a maximum error rate to be tolerated by the central repository for any data reported pursuant to paragraphs (c)(3) and (c)(4) of this section; describe the basis for selecting such maximum error rate; explain how the plan sponsors will seek to reduce such maximum error rate over time; describe how the plan will seek to ensure compliance with such maximum error rate and, in the event of noncompliance, will promptly remedy the causes thereof;

(ii) Require the central repository to measure the error rate each business day and promptly take appropriate remedial action, at a minimum, if the error rate exceeds the maximum error rate specified in the plan;

(iii) Specify a process for identifying and correcting errors in the data reported to the central repository pursuant to paragraphs (c)(3) and (c)(4) of this section, including the process for notifying the national securities exchanges, national securities associations, and members who reported erroneous data to the central repository of such errors, to help ensure that such errors are promptly corrected by the
reporting entity, and for disciplining those who repeatedly report erroneous data; and

(iv) Specify the time by which data that has been corrected will be made available to regulators.

(7) The national market system plan submitted pursuant to this section shall require the central repository to collect and retain on a current and continuing basis and in a format compatible with the information consolidated and stored pursuant to paragraph (c)(7) of this section:

(i) Information, including the size and quote condition, on the national best bid and national best offer for each NMS security;

(ii) Transaction reports reported pursuant to an effective transaction reporting plan filed with the Commission pursuant to, and meeting the requirements of, §242.601; and

(iii) Last sale reports reported pursuant to the Plan for Reporting of Consolidated Options Last Sale Reports and Quotation Information filed with the Commission pursuant to, and meeting the requirements of, §242.608.

(8) The national market system plan submitted pursuant to this section shall require the central repository to retain the information collected pursuant to paragraphs (c)(7) and (e)(7) of this section in a convenient and usable standard electronic data format that is directly available and searchable electronically without any manual intervention for a period of not less than five years.

(f) Surveillance. Every national securities exchange and national securities association subject to this section shall develop and implement a surveillance system, or enhance existing surveillance systems, reasonably designed to make use of the consolidated information contained in the consolidated audit trail.

(g) Compliance by members.

(1) Each national securities exchange and national securities association shall file with the Commission pursuant to section 19(b)(2) of the Act (15 U.S.C. 78s(b)(2)) and §240.19b–4 of this chapter on or before 60 days from approval of the national market system plan a proposed rule change to require its members to comply with the requirements of this section and the national market system plan approved by the Commission.

(2) Each member of a national securities exchange or national securities association shall comply with all the provisions of any approved national market system plan applicable to members.

(3) The national market system plan submitted pursuant to this section shall include a provision requiring each national securities exchange and national securities association to agree to enforce compliance by its members with the provisions of any approved plan.

(4) The national market system plan submitted pursuant to this section shall include a mechanism to ensure compliance with the requirements of any approved plan by the members of a national securities exchange or national securities association.

(h) Compliance by national securities exchanges and national securities associations.

(1) Each national securities exchange and national securities association shall comply with the provisions of the national market system plan approved by the Commission.

(2) Any failure by a national securities exchange or national securities association to comply with the provisions of the national market system plan approved by the Commission shall be considered a violation of this section.

(3) The national market system plan submitted pursuant to this section shall include a mechanism to ensure compliance by the sponsors of the plan with the requirements of any approved plan. Such enforcement mechanism may include penalties where appropriate.

(i) Other securities and other types of transactions. The national market system plan submitted pursuant to this section shall include a provision requiring each national securities exchange and national securities association to jointly provide to the Commission within six months after effectiveness of the national market system plan a document outlining how such exchanges and associations could incorporate into the consolidated audit
trail information with respect to equity securities that are not NMS securities, debt securities, primary market transactions in equity securities that are not NMS securities, and primary market transactions in debt securities, including details for each order and reportable event that may be required to be provided, which market participants may be required to provide the data, an implementation timeline, and a cost estimate.

(j) Definitions. As used in this section:
(1) The term CAT–Order-ID shall mean a unique order identifier or series of unique order identifiers that allows the central repository to efficiently and accurately link all reportable events for an order, and all orders that result from the aggregation or disaggregation of such order.
(2) The term CAT–Reporter-ID shall mean, with respect to each national securities exchange, national securities association, and member of a national securities exchange or national securities association, a code that uniquely and consistently identifies such person for purposes of providing data to the central repository.
(3) The term customer shall mean:
(i) The account holder(s) of the account at a registered broker-dealer originating the order; and
(ii) Any person from whom the broker-dealer is authorized to accept trading instructions for such account, if different from the account holder(s).
(4) The term customer account information shall include, but not be limited to, account number, account type, customer type, date account opened, and large trader identifier (if applicable).
(5) The term Customer-ID shall mean, with respect to a customer, a code that uniquely and consistently identifies such customer for purposes of providing data to the central repository.
(6) The term error rate shall mean the percentage of reportable events collected by the central repository in which the data reported does not fully and accurately reflect the order event that occurred in the market.
(7) The term material terms of the order shall include, but not be limited to, the NMS security symbol; security type; price (if applicable); size (displayed and non-displayed); side (buy/sell); order type; if a sell order, whether the order is long, short, short exempt; open/close indicator; time in force (if applicable); if the order is for a listed option, option type (put/call), option symbol or root symbol, underlying symbol, strike price, expiration date, and open/close; and any special handling instructions.
(8) The term order shall include:
(i) Any order received by a member of a national securities exchange or national securities association from any person;
(ii) Any order originated by a member of a national securities exchange or national securities association; or
(iii) Any bid or offer.
(9) The term reportable event shall include, but not be limited to, the original receipt or origination, modification, cancellation, routing, and execution (in whole or in part) of an order, and receipt of a routed order.

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