

Jean M. Cawley Senior Vice President – Deputy General Counsel Chief Compliance Officer

May 28, 2014

### VIA ELECTRONIC MAIL

Melissa Jurgens Office of the Secretariat Commodity Futures Trading Commission Three Lafayette Centre 1155 21<sup>st</sup> Street, N.W. Washington, DC 20581

#### Re: Rule Filing SR-OCC-2014-13 Rule Certification

Dear Secretary Jurgens:

Pursuant to Section 5c(c)(1) of the Commodity Exchange Act, as amended ("Act"), and Commodity Futures Trading Commission Regulation ("CFTC") 40.6, enclosed is a copy of the above-referenced rule filing submitted by The Options Clearing Corporation ("OCC"). The date of implementation of the rule is at least 10 business days following receipt of the rule filing by the CFTC or the date the proposed rule is approved by the Securities and Exchange Commission (the "SEC") or otherwise becomes effective under the Securities Exchange Act of 1934 (the "Exchange Act"). This rule filing has been, or is concurrently being, submitted to the SEC under the Exchange Act.

In conformity with the requirements of Regulation 40.6(a)(7), OCC states the following:

#### **Explanation and Analysis**

OCC is proposing to modify its rules to provide for the calculation of margin requirements for segregated futures accounts through the use of the SPAN margin calculation system in place of OCC's STANS margin calculation system, subject to OCC's collection of enhanced margin to be deposited in the segregated futures account in the event that the margin requirement as calculated under STANS would exceed the requirement calculated under SPAN.

#### Compliance with CFTC Rule 39.13(g)(8)

On April 25, 2012, and November 2, 2012, OCC implemented Rule 602(a) and Rule 601(c), respectively, in compliance with CFTC Rule 39.13(g)(8),<sup>1</sup> which, in relevant part, requires registered derivatives clearing organizations ("DCOs") such as OCC to (i) collect initial

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<sup>17</sup> CFR 39.13(g)(8). THE FOUNDATION FOR SECURE MARKETS

margin for customer segregated futures accounts on a gross basis and (ii) have rules requiring clearing members to collect initial margin from their customers in an amount that is greater than the amount the DCO collects from clearing members.<sup>2</sup> Together, Rules 601(c) and 602(a) resulted in customer level margin requirements for segregated futures accounts that are calculated by clearing members using SPAN, but subject to a "floor" established by the clearing level margin requirements calculated by OCC using STANS.

#### Use of STANS Inputs in Calculation of Customer Level Margin Requirements

In addition to implementing the above described changes to its systems to margin segregated futures accounts on a gross basis, OCC sought to bring customer level margin requirements into conformity with STANS risk parameters by changing the initial risk parameter inputs for particular cleared contracts in segregated futures accounts.<sup>3</sup> Previously, OCC used SPAN risk parameters received from the futures exchange listing a particular cleared contract when preparing theoretical output files that clearing members used in SPAN calculations to calculate customer margin requirements.<sup>4</sup> In order to more closely align clearing level and customer level margin requirements, OCC replaced the SPAN risk parameters with STANS risk parameters in preparing these theoretical output files.<sup>5</sup> This alignment of clearing level and customer level margin requirements through the use of STANS risk parameters resulted in customers of clearing members being directly exposed to margin requirements based on STANS for the first time.

STANS is a data driven system using market data to model risk correlations and distributions in order to calculate appropriate margin coverage for each cleared contract. STANS was designed to have risk parameters adjusted on a monthly basis, when new data is made available, and on a daily basis, to take into account changes in market volatility. OCC believes that these frequent recalibrations are critical to its risk management capabilities with respect to clearing member accounts. However, as a result of the changes to OCC's rules described above, these recalibrations result in frequent changes to the margin requirements applicable to customers of clearing members. Clearing members are well capitalized entities with significant access to financing and are able to absorb frequent changes to margin requirements caused by STANS risk parameter recalibration.<sup>6</sup> However, certain customers of clearing members may not

See Securities Exchange Act Release No. 66841 (April 20, 2012), 77 FR 24999 (April 26, 2012) (SR-OCC-2012-06) and Securities Exchange Act Release No. 68148 (November 2, 2012), 77 FR 67036 (November 8, 2012) (SR-OCC-2012-17).

<sup>&</sup>lt;sup>3</sup> Id.

<sup>&</sup>lt;sup>4</sup> Securities Exchange Act Release No. 68148 (November 2, 2012), 77 FR 67036 (November 8, 2012) (SR-OCC-2012-17).

<sup>&</sup>lt;sup>5</sup> *Id.* 

<sup>&</sup>lt;sup>6</sup> OCC's By-Laws and Rules require clearing members to maintain minimum net capital of \$2 million. *See*, OCC By-Laws, Article V, Section 1, Interpretation and Policy .01, OCC Rule 301 and OCC Rule 302. Notwithstanding the minimum net capital requirement,

have the same capital requirements or access to financing as clearing members, and frequent changes to their margin requirements are more disruptive, causing uncertainty and adding unforeseen financing costs to their operations.<sup>7</sup>

#### SPAN System for Calculating Initial Margin

SPAN is used universally by all the major domestic futures clearing houses, other than OCC, to calculate clearing and customer level margin requirements, as well as by the major domestic futures exchanges. SPAN is a market simulation-based methodology that calculates initial margin requirements for a wide variety of financial instruments including futures, options, physical commodities, equities, or any combination of these instruments. SPAN assesses the risk of a portfolio by calculating the maximum likely loss that could be suffered by the portfolio based on SPAN risk parameters set by an exchange or DCO. These risk parameters, known as "scan ranges," include ranges of prices, volatility and other variables. Using these scan ranges, SPAN simulates a certain number of market scenarios, known as "risk scenarios," as determined by the exchange or DCO, and calculates a "SPAN risk array," which is a set of numerical values that indicate how a particular contract is expected to gain or lose value under the various risk scenarios. The risk array representing the maximum likely loss to a portfolio is then used to set margin requirements by the exchange or DCO.

#### **Proposed By-Law and Rule Changes**

OCC proposes to amend Rule 601 by adding new paragraph (1) to Rule 601(e) to provide for the calculation of initial margin for segregated futures customer accounts pursuant to SPAN.<sup>8</sup> Proposed Rule 601(e)(1) will retain the requirement that initial margin for segregated futures accounts be calculated on a gross basis, but will calculate the initial margin requirement pursuant to the SPAN methodology in order to reduce the disruption experienced by customers of clearing members due to the frequent recalibration of STANS risk parameters. OCC believes this change will provide market participants with greater certainty regarding the funding costs associated with their futures positions. Additionally, calculating initial margin requirements for segregated futures accounts pursuant to SPAN will conform OCC's margin calculation methodology for futures and options on futures with the methodology primarily used by other DCOs, futures exchanges and participants in the futures and options on futures markets.

OCC intends to set the SPAN scan ranges for cleared contracts held in segregated futures accounts based on two years of daily returns that will be analyzed for each tenor of cleared

most OCC clearing members maintain net capital (and margin) in excess of the minimum and are able to readily satisfy margin increases that may occur from day-to-day.

- <sup>7</sup> Clearing members' customers include individual retail customers who do not have the same financial resources as clearing members and, unlike clearing members, will not be able to easily satisfy margin increases that occur from day-to-day.
- <sup>8</sup> OCC has previous experience operating OCC's Theoretical Intermarket Margining System (TIMS), a margin calculation system that similar to SPAN, and does not anticipate any operational issues in implementing SPAN.

contract. In the event that two years of daily returns are unavailable, OCC will use the model two-year daily returns produced by STANS to set the SPAN scan ranges. Scan ranges will be initially set to provide coverage for a minimum 99% confidence level. OCC intends to use the price history from the futures exchange that lists a particular contract to establish the minimum margin threshold. In the event that a contract is listed by a futures exchange that is economically equivalent to another futures exchange's contract, OCC intends to use the SPAN parameters from the primary market to establish the minimum margin threshold.

OCC will reset minimum SPAN scan ranges on a quarterly basis. Margin rates, including any changes, will be posted on OCC's public website and implemented within five business days of the quarterly rate setting date. This schedule will be provided to all market participants via a posting on OCC's public website. OCC believes these measures will promote transparency and provide clearing members and their futures customers adequate time to prepare for any changes in margin rates.

OCC staff will continuously assess the current SPAN scan ranges by comparing changes in settlement values to the established SPAN scan ranges on a daily basis. If there is a change in settlement values that exceeds the established SPAN scan ranges, OCC will reset the SPAN scan ranges in between the scheduled quarterly reset no later than five business days after the observed change in settlement values that exceeded the established SPAN scan ranges and the revised ranges will be left in place for a minimum of ten business days and, if no further breaches have been observed, OCC will reset the margin rates based on its standard approach. OCC believes that this adjustment process promotes safety and soundness in its risk management practices by implementing an ongoing monitoring process to ensure that margin levels are maintained at appropriate levels.

Proposed Rule 601(e)(1) will apply to all segregated futures accounts, including segregated futures professional accounts, internal non-proprietary cross-margining accounts and non-proprietary cross-margining accounts. For cross-margining accounts with other DCOs, OCC will use the SPAN scan ranges set by the participating DCO. For OCC internal cross-margining accounts, OCC will calculate the SPAN scan ranges as described above.

Although proposed Rule 601(e)(1) proposes to use SPAN to calculate initial margin requirements for segregated futures accounts on a gross basis, OCC believes that margin requirements calculated on a net basis, i.e., permitting offsets between different customers' positions held by a clearing member in a segregated futures account, using STANS affords OCC additional protections at the clearinghouse level against risks associated with liquidating a clearing member's segregated futures account. Accordingly, OCC proposes in new Interpretation and Policy .07 to Rule 601 to also calculate on a net basis initial margin requirements for each segregated futures accounts using STANS. If at any time OCC staff observes a segregated futures account where initial margin calculated pursuant to STANS on a net basis exceeds the initial margin calculated pursuant to SPAN on a gross basis, OCC will collateralize this risk exposure by applying an enhanced margin requirement in the amount of such difference to the account. Proposed Interpretation and Policy .07 to Rule 601 therefore

would ensure that STANS, which produces the best estimate of OCC's liquidation risk, continues to be utilized in connection with the risk management process for segregated futures accounts.

#### **Impact of Change**

OCC performed an evaluation of the impact of using SPAN in place of STANS to calculate initial margin requirements for segregated futures accounts and has concluded that the impact will be minimal.<sup>9</sup> For 78 business days between January 15, 2014 and May 7, 2014, OCC used SPAN to calculate initial margin requirements on a gross basis for all 68 segregated futures accounts carried at OCC. The change to initial margin requirements across all individual accounts ranged between an increase of \$557.5 million and a decrease of \$180.4 million. The average individual account increase was \$18.8 million and the average account decrease was \$15.4 million. When reviewing the aggregated daily impact, the change across all accounts ranged between an increase of \$390.1 million and a decrease of \$764.7 million. The average aggregate increase across the 50 activity dates when an overall increase in margin was observed was \$150.7 million while the average aggregate on the 28 activity dates when an overall margin decrease was observed was \$267.7 million.

During the above 78 business day period, 29 of the segregated futures accounts would have been subject to the enhanced margin requirement pursuant to proposed Interpretation and Policy .07 to Rule 601 because the initial margin calculated pursuant to STANS on a net basis exceeded the initial margin calculated pursuant to SPAN on a gross basis on at least one activity date.<sup>10</sup> The majority of the days on which the enhanced margin would have been required of a

<sup>&</sup>lt;sup>9</sup> The only futures products sets that OCC expects to clear following the adoption of SPAN margining will be: Volatility Futures, Variance Futures, Eurodollar Futures and Security Futures. NYSE Liffe U.S. precious metal futures and MSCI broad based index futures products will also be subject to SPAN margining as long as they are cleared by OCC. However, such NYSE Liffe U.S. futures products are scheduled to transfer to another derivatives clearing organization in the second quarter of 2014.

<sup>&</sup>lt;sup>10</sup> Of these 29 accounts, 18 accounts incurred an enhanced margin charge on fewer than 10 activity dates during the 78 day period, while 6 accounts incurred an enhanced margin charge between 10 and 40 activity dates, and 5 accounts incurred an enhanced margin charge on greater than 40 activity dates. OCC staff noted that accounts incurring the enhanced margin charge on a large number of activity dates are accounts comprised of a small number of positions or positions concentrated in a small number of product types. Specifically, more than half of all observed enhanced margin charges were in accounts comprised of only NYSE Liffe Metals or NYSE Liffe MSCI products. Of the 78 activity dates, on 47 activity dates fewer than 5 accounts incurred an enhanced margin charge, on 26 activity dates between 6 and 10 clearing member accounts incurred an enhanced margin charge.

large number of accounts were during the last week of January and the first week of February when emerging markets experienced substantial volatility.

OCC reviewed the DCO core principles ("Core Principles") as set forth in the Act. During this review, OCC identified the following Core Principles as potentially being impacted:

<u>**Risk Management.**</u> OCC believes that by implementing the proposed rule change it will be better able to manage the risks associated with discharging its responsibilities as a DCO as set forth in the DCO Core Principles because it will, through the use of risk-based margin requirements, facilitate OCC's establishment of initial margin requirements that are commensurate with the risks of each futures product for which OCC provides clearance and settlement services.

### **Opposing Views**

No opposing views were expressed related to the rule amendments.

#### Notice of Pending Rule Certification

OCC hereby certifies that notice of this rule filing has been be given to Clearing Members of OCC in compliance with Regulation 40.6(a)(2) by posting a copy of the submission on OCC's website concurrently with the filing of this submission.

#### **Certification**

OCC hereby certifies that the rule set forth at Item 1 of the enclosed filing complies with the Act and the CFTC's regulations thereunder.

Should you have any questions regarding this matter, please do not hesitate to contact me.

Sincerely,

Stephen Szarmack Vice President & Associate General Counsel

Enclosure

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# SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

Form 19b-4

Proposed Rule Change by

## THE OPTIONS CLEARING CORPORATION

Pursuant to Rule 19b-4 under the Securities Exchange Act of 1934

#### Item 1. <u>Text of the Proposed Rule Change</u>

This proposed rule change by The Options Clearing Corporation ("OCC") would provide for the calculation of initial margin requirements for segregated futures accounts through the use of the Standard Portfolio Analysis of Risk ("SPAN") margin calculation system in place of OCC's System for Theoretical Analysis and Numerical Simulations ("STANS") margin calculation system. Proposed amendments to OCC's Rules are set forth below. Material proposed to be added is marked by underlining. Material proposed to be deleted is enclosed in bold brackets.

#### THE OPTIONS CLEARING CORPORATION

#### RULES

\* \* \* CHAPTER VI Margins \* \* \*

#### **Margin Requirements**

#### RULE 601.

(a) – (b) [No change]

(c) Margin Requirement Calculation – Accounts Other Than Customers' Accounts [and], Firm Non-Lien Accounts and Segregated Futures Accounts. The margin requirement for an account other than a customers' account [or], firm non-lien account or segregated futures account shall be the amount of margin assets, expressed in U.S. dollars, that must be held in the account such that the minimum expected liquidating value of the account after excluding positions covered by

deposits in lieu of margin (the "minimum expected liquidating value"), measured at such confidence level as may be selected by the Corporation from time to time, will be not less than zero. To determine the minimum expected liquidating value of the account, the Corporation will revalue the assets and liabilities in the account under a large number of projected price scenarios created by large-scale Monte Carlo simulations that preserve both univariate and multivariate historical attributes of all included simulated input variables. Such revaluations may include an allowance for costs the Corporation might incur in liquidating all or portions of the account as a result of bid-ask spreads, illiquidity, or other factors. The Corporation will use pricing models to predict the impact of changes in values of underlying interests on positions in cleared contracts and, where applicable as indicated below, margin assets. In calculating the minimum expected liquidating value of an account, the Corporation may either value margin assets as provided in Rule 604 or may include margin assets consisting of securities in the Monte Carlo simulations on the same basis as cleared contracts and underlying interests, thus recognizing any historical correlations among the values of margin assets, underlying assets and cleared contracts. The margin requirement will always be stated as a fixed amount of cash that would be required in the account to produce a minimum expected liquidating value of zero. However, if margin assets are deposited in the form of securities and are included in the Monte Carlo simulations on the same basis as underlying interests, the quantity of such assets required to satisfy the margin requirement will depend upon the identity of the securities deposited and the identity of the other positions and margin assets in the account. Notwithstanding any other provision of this Rule 601, the Corporation may fix the margin requirement for any account or any class of cleared contracts at such amount as it deems necessary or appropriate under the circumstances to protect the respective interests of Clearing Members, the Corporation, and the public.

(d) [No change]

(e) <u>Margin Requirement Calculation – Segregated Futures Accounts</u>; Calculation of Initial Margin on a Gross Basis [for Segregated Futures Accounts.]

(1) The initial margin requirement for segregated futures accounts (including segregated futures professional accounts, internal non-proprietary cross-margining accounts and non-proprietary X-M accounts) shall be the amount of margin assets, expressed in U.S. dollars, that must be held in such an account such that the minimum expected liquidating value of the account, measured at such confidence level as may be selected by the Corporation from time to time, will be not less than zero. To determine the minimum expected liquidating value of the account, the Corporation will revalue the assets and liabilities in the account under the Standard Portfolio Analysis of Risk margin calculation system. The initial margin requirement will always be stated as a fixed amount of cash that would be required in the segregated futures account to produce a minimum

#### expected liquidating value of zero.

[(1)](2) For purposes of calculating the initial margin requirement for segregated futures accounts (including segregated futures professional accounts, internal non-proprietary crossmargining accounts and non-proprietary X-M accounts) pursuant to [Section (c)] paragraph (e)(1) of this Rule 601, such initial margin requirement shall equal the aggregate of the initial margin that would be required with respect to all customers of the Clearing Member if the positions of each such customer were treated as being the positions of a separate Clearing Member and held in separate Clearing Member accounts; provided that, for purposes of this calculation, initial margin assets and settlement obligations arising from the exercise, assignment, or maturity of cleared contracts shall not be attributed to such customers, but shall instead be accounted for as if such assets or obligations were attributable to their own separate sub-accounts and thereafter included in the calculation of gross initial margin at the Clearing Member level. Each Clearing Member shall submit to the Corporation on each business day, at or prior to the time specified by the Corporation, a data file that identifies the positions of each futures customer of the Clearing Member using a unique alphanumeric customer identifier for each such customer. Such identifiers shall not include any indication of the identity of any customer or other personal information of a customer.

[(2)] (3) In the event that the records of the Corporation indicate that the Clearing Member has positions in cleared contracts in segregated futures accounts that are not reflected in the data file submitted by the Clearing Member pursuant to subparagraph [(1)] (2) of this paragraph, the Corporation shall calculate a separate initial margin requirement with respect to all such positions as if such positions were the positions of a separate Clearing Member. The Corporation shall make such initial margin calculations using such adjustments as the Corporation deems necessary to ensure that each futures customer's positions within each segregated futures account are properly margined on a gross basis in accordance with applicable rules of the Commodity Futures Trading Commission.

(f) [No change]

## ... Interpretations & Policies:

## .01 - .06 [No change]

.07 In addition to calculating the initial margin requirement for segregated futures accounts in accordance with paragraphs (e)(1) and (2) of this Rule 601, the Corporation shall also calculate the initial margin requirement for such accounts in accordance with Section (c) of this Rule 601 on a net basis. If at any time the initial margin requirement calculated in accordance with Section (c) of this Rule 601 exceeds the initial margin requirement calculated in accordance paragraphs (e)(1) and (2) of this Rule 601, the Corporation shall apply an enhanced margin

requirement to the relevant segregated futures account in the amount of such excess.

#### Item 2. <u>Procedures of the Self-Regulatory Organization</u>

The proposed rule change was approved for filing with the Commission by the

Board of Directors of OCC at a meeting held on September 13, 2013.

Questions should be addressed to Stephen Szarmack, Vice President and

Associate General Counsel, at (312) 322-4802.

# Item 3.Self-Regulatory Organization's Statement of the<br/>Purpose of, and Statutory Basis for, the Proposed Rule Change

#### A. Purpose

OCC is proposing to modify its rules to provide for the calculation of margin requirements for segregated futures accounts through the use of the SPAN margin calculation system in place of OCC's STANS margin calculation system, subject to OCC's collection of enhanced margin to be deposited in the segregated futures account in the event that the margin requirement as calculated under STANS would exceed the requirement calculated under SPAN.

#### **Compliance with CFTC Rule 39.13(g)(8)**

On April 25, 2012, and November 2, 2012, OCC implemented Rule 602(a) and Rule 601(c), respectively, in compliance with Commodity Futures Trading Commission ("CFTC") Rule 39.13(g)(8),<sup>1</sup> which, in relevant part, requires registered derivatives clearing organizations ("DCOs") such as OCC to (i) collect initial margin for customer segregated futures accounts on a gross basis and (ii) have rules requiring clearing members to collect initial margin

<sup>&</sup>lt;sup>1</sup> 17 CFR 39.13(g)(8).

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from their customers in an amount that is greater than the amount the DCO collects from clearing members.<sup>2</sup> Together, Rules 601(c) and 602(a) resulted in customer level margin requirements for segregated futures accounts that are calculated by clearing members using SPAN, but subject to a "floor" established by the clearing level margin requirements calculated by OCC using STANS.

#### Use of STANS Inputs in Calculation of Customer Level Margin Requirements

In addition to implementing the above described changes to its systems to margin segregated futures accounts on a gross basis, OCC sought to bring customer level margin requirements into conformity with STANS risk parameters by changing the initial risk parameter inputs for particular cleared contracts in segregated futures accounts.<sup>3</sup> Previously, OCC used SPAN risk parameters received from the futures exchange listing a particular cleared contract when preparing theoretical output files that clearing members used in SPAN calculations to calculate customer margin requirements.<sup>4</sup> In order to more closely align clearing level and customer level margin requirements, OCC replaced the SPAN risk parameters with STANS risk

See Securities Exchange Act Release No. 66841 (April 20, 2012), 77 FR 24999 (April 26, 2012) (SR-OCC-2012-06) and Securities Exchange Act Release No. 68148 (November 2, 2012), 77 FR 67036 (November 8, 2012) (SR-OCC-2012-17).

<sup>&</sup>lt;sup>3</sup> *Id.* 

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parameters in preparing these theoretical output files.<sup>5</sup> This alignment of clearing level and customer level margin requirements through the use of STANS risk parameters resulted in customers of clearing members being directly exposed to margin requirements based on STANS for the first time.

STANS is a data driven system using market data to model risk correlations and distributions in order to calculate appropriate margin coverage for each cleared contract. STANS was designed to have risk parameters adjusted on a monthly basis, when new data is made available, and on a daily basis, to take into account changes in market volatility. OCC believes that these frequent recalibrations are critical to its risk management capabilities with respect to clearing member accounts. However, as a result of the changes to OCC's rules described above, these recalibrations result in frequent changes to the margin requirements applicable to customers of clearing members. Clearing members are well capitalized entities with significant access to financing and are able to absorb frequent changes to margin requirements caused by STANS risk parameter recalibration.<sup>6</sup> However, certain customers of clearing members may not have the same capital requirements or access to financing as clearing members, and frequent

<sup>&</sup>lt;sup>5</sup> Id.

<sup>&</sup>lt;sup>6</sup> OCC's By-Laws and Rules require clearing members to maintain minimum net capital of \$2 million. *See*, OCC By-Laws, Article V, Section 1, Interpretation and Policy .01, OCC Rule 301 and OCC Rule 302. Notwithstanding the minimum net capital requirement, most OCC clearing members maintain net capital (and margin) in excess of the minimum and are able to readily satisfy margin increases that may occur from day-to-day.

changes to their margin requirements are more disruptive, causing uncertainty and adding unforeseen financing costs to their operations.<sup>7</sup>

#### SPAN System for Calculating Initial Margin

SPAN is used universally by all the major domestic futures clearing houses, other than OCC, to calculate clearing and customer level margin requirements, as well as by the major domestic futures exchanges. SPAN is a market simulation-based methodology that calculates initial margin requirements for a wide variety of financial instruments including futures, options, physical commodities, equities, or any combination of these instruments. SPAN assesses the risk of a portfolio by calculating the maximum likely loss that could be suffered by the portfolio based on SPAN risk parameters set by an exchange or DCO. These risk parameters, known as "scan ranges," include ranges of prices, volatility and other variables. Using these scan ranges, SPAN simulates a certain number of market scenarios, known as "risk scenarios," as determined by the exchange or DCO, and calculates a "SPAN risk array," which is a set of numerical values that indicate how a particular contract is expected to gain or lose value under the various risk scenarios. The risk array representing the maximum likely loss to a portfolio is then used to set margin requirements by the exchange or DCO.

#### **Proposed By-Law and Rule Changes**

OCC proposes to amend Rule 601 by adding new paragraph (1) to Rule 601(e) to provide for the calculation of initial margin for segregated futures customer accounts pursuant to

<sup>&</sup>lt;sup>7</sup> Clearing members' customers include individual retail customers who do not have the same financial resources as clearing members and, unlike clearing members, will not be able to easily satisfy margin increases that occur from day-to-day.

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SPAN.<sup>8</sup> Proposed Rule 601(e)(1) will retain the requirement that initial margin for segregated futures accounts be calculated on a gross basis, but will calculate the initial margin requirement pursuant to the SPAN methodology in order to reduce the disruption experienced by customers of clearing members due to the frequent recalibration of STANS risk parameters. OCC believes this change will provide market participants with greater certainty regarding the funding costs associated with their futures positions. Additionally, calculating initial margin requirements for segregated futures accounts pursuant to SPAN will conform OCC's margin calculation methodology for futures and options on futures with the methodology primarily used by other DCOs, futures exchanges and participants in the futures and options on futures markets.

OCC intends to set the SPAN scan ranges for cleared contracts held in segregated futures accounts based on two years of daily returns that will be analyzed for each tenor of cleared contract. In the event that two years of daily returns are unavailable, OCC will use the model two-year daily returns produced by STANS to set the SPAN scan ranges. Scan ranges will be initially set to provide coverage for a minimum 99% confidence level. OCC intends to use the price history from the futures exchange that lists a particular contract to establish the minimum margin threshold. In the event that a contract is listed by a futures exchange that is economically equivalent to another futures exchange's contract, OCC intends to use the SPAN parameters from the primary market to establish the minimum margin threshold.

<sup>&</sup>lt;sup>8</sup> OCC has previous experience operating OCC's Theoretical Intermarket Margining System (TIMS), a margin calculation system that similar to SPAN, and does not anticipate any operational issues in implementing SPAN.

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OCC will reset minimum SPAN scan ranges on a quarterly basis. Margin rates, including any changes, will be posted on OCC's public website and implemented within five business days of the quarterly rate setting date. This schedule will be provided to all market participants via a posting on OCC's public website. OCC believes these measures will promote transparency and provide clearing members and their futures customers adequate time to prepare for any changes in margin rates.

OCC staff will continuously assess the current SPAN scan ranges by comparing changes in settlement values to the established SPAN scan ranges on a daily basis. If there is a change in settlement values that exceeds the established SPAN scan ranges, OCC will reset the SPAN scan ranges in between the scheduled quarterly reset no later than five business days after the observed change in settlement values that exceeded the established SPAN scan ranges and the revised ranges will be left in place for a minimum of ten business days and, if no further breaches have been observed, OCC will reset the margin rates based on its standard approach. OCC believes that this adjustment process promotes safety and soundness in its risk management practices by implementing an ongoing monitoring process to ensure that margin levels are maintained at appropriate levels.

Proposed Rule 601(e)(1) will apply to all segregated futures accounts, including segregated futures professional accounts, internal non-proprietary cross-margining accounts and non-proprietary cross-margining accounts. For cross-margining accounts with other DCOs,

OCC will use the SPAN scan ranges set by the participating DCO. For OCC internal crossmargining accounts, OCC will calculate the SPAN scan ranges as described above.

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#### **Impact of Change**

OCC performed an evaluation of the impact of using SPAN in place of STANS to calculate initial margin requirements for segregated futures accounts and has concluded that the

impact will be minimal.<sup>9</sup> For 78 business days between January 15, 2014 and May 7, 2014, OCC used SPAN to calculate initial margin requirements on a gross basis for all 68 segregated futures accounts carried at OCC. The change to initial margin requirements across all individual accounts ranged between an increase of \$557.5 million and a decrease of \$180.4 million. The average individual account increase was \$18.8 million and the average account decrease was \$15.4 million. When reviewing the aggregated daily impact, the change across all accounts ranged between an increase of \$390.1 million and a decrease of \$764.7 million. The average aggregate increase across the 50 activity dates when an overall increase in margin was observed was \$150.7 million while the average aggregate on the 28 activity dates when an overall margin decrease was observed was \$267.7 million.

During the above 78 business day period, 29 of the segregated futures accounts would have been subject to the enhanced margin requirement pursuant to proposed Interpretation and Policy .07 to Rule 601 because the initial margin calculated pursuant to STANS on a net basis exceeded the initial margin calculated pursuant to SPAN on a gross basis on at least one activity date.<sup>10</sup> The majority of the days on which the enhanced margin would have been

<sup>10</sup> Of these 29 accounts, 18 accounts incurred an enhanced margin charge on fewer than 10 activity dates during the 78 day period, while 6 accounts incurred an enhanced margin

<sup>&</sup>lt;sup>9</sup> The only futures products sets that OCC expects to clear following the adoption of SPAN margining will be: Volatility Futures, Variance Futures, Eurodollar Futures and Security Futures. NYSE Liffe U.S. precious metal futures and MSCI broad based index futures products will also be subject to SPAN margining as long as they are cleared by OCC. However, such NYSE Liffe U.S. futures products are scheduled to transfer to another derivatives clearing organization in the second quarter of 2014.

required of a large number of accounts were during the last week of January and the first week of February when emerging markets experienced substantial volatility.

#### B. <u>Statutory Basis</u>

OCC believes the proposed rule change is consistent with Section 17A of the Securities Exchange Act of 1934, as amended (the "Exchange Act"),<sup>11</sup> and the rules and regulations thereunder, because the proposed modifications would help ensure that OCC is able to perform clearing services for products that are subject to either the exclusive or joint jurisdiction of the CFTC<sup>12</sup> and is designed to promote "the prompt and accurate clearing and settlement of securities transactions"<sup>13</sup> and will "require participants to have sufficient financial resources and robust operational capacity to meet obligations arising from participation"<sup>14</sup> in OCC. The proposed rule change would provide greater certainty to clearing members'

charge between 10 and 40 activity dates, and 5 accounts incurred an enhanced margin charge on greater than 40 activity dates. OCC staff noted that accounts incurring the enhanced margin charge on a large number of activity dates are accounts comprised of a small number of positions or positions concentrated in a small number of product types. Specifically, more than half of all observed enhanced margin charges were in accounts comprised of only NYSE Liffe Metals or NYSE Liffe MSCI products. Of the 78 activity dates, on 47 activity dates fewer than 5 accounts incurred an enhanced margin charge, on 26 activity dates between 6 and 10 clearing member accounts incurred an enhanced margin charge, and on 5 activity dates 11 to 15 clearing member accounts incurred an enhanced margin charge.

- <sup>11</sup> 15 U.S.C. 78q-1.
- <sup>12</sup> Securities futures are subject to the joint jurisdiction of the Commission and the CFTC.

<sup>13</sup> 15 U.S.C. 78q-1(b)(3)(A).

<sup>14</sup> 17 CFR 240.17Ad-22(d)(2).

customers regarding funding costs associated with their futures positions and align OCC's margin methodology for segregated futures accounts with other DCOs while allowing OCC to continue to use margin requirements to limit its credit exposures to clearing members under normal market conditions and use risk-based models and parameters to set margin requirements.<sup>15</sup> The proposed rule change is not inconsistent with the existing rules of OCC, including any other rules proposed to be amended or any advance notice filings pending with the Commission.

#### Item 4. <u>Self-Regulatory Organization's Statement on Burden on Competition</u>

OCC does not believe that the proposed rule change would impose any burden on competition. Changes to the rules of a clearing agency may have an impact on the participants in a clearing agency and their customers and the markets that the clearing agency serves. This proposed rule change primarily affects clearing members and their customers by changing the margin calculation system used to compute initial margin requirements for segregated futures accounts from STANS to SPAN. OCC believes that the proposed change would facilitate competition among clearing members, their customers and market participants because the rule change would affect all clearing members with segregated futures accounts equally, and bring OCC's margin system for futures in line with other DCOs. Specifically, all clearing members with segregated futures accounts would be subject to having the initial margin calculation for such accounts computed under SPAN, and all affected customers would be subject to having

<sup>15</sup> 17 CFR 240.17Ad-22(b)(2).

their customer level margin requirements calculated on the basis of SPAN. With respect to any burden on competition among clearing agencies, OCC is one of several clearing agencies that perform central counterparty services for the futures markets and all such clearing agencies, except for OCC, currently use SPAN to calculate customer level margin requirements. The proposed rule change would not impede other clearing agencies from clearing futures contracts.

For the foregoing reasons, OCC believes that the proposed rule change is in the public interest and would not impose any burden on competition among clearing members, among market participants or among clearing agencies.

# Item 5.Self-Regulatory Organization's Statement on Comments on the Proposed<br/>Rule Change Received from Members, Participants or Others

Written comments were not and are not intended to be solicited with respect to the proposed rule change and none have been received.

# Item 6. Extension of Time Period for Commission Action Not applicable.

# Item 7.Basis for Summary Effectiveness Pursuant to Section 19(b)(3) or for<br/>Accelerated Effectiveness Pursuant to Section 19(b)(2) or Section 19(b)(7)(D)

Pursuant to Section 19(b)(3)(A) of the Exchange Act<sup>16</sup> and Rule 19b-4(f)(6)thereunder,<sup>17</sup> the proposed rule change is filed for immediate effectiveness. The proposed rule

<sup>&</sup>lt;sup>16</sup> 15 U.S.C. 78s(b)(3)(A).

<sup>&</sup>lt;sup>17</sup> 17 CFR 240.19b-4(f)(6).

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change will not: 1) significantly affect the protection of investors or the public interest, 2) impose any significant burden on competition, and 3) become operative for thirty days from the date on which it is filed, or such shorter time as the Commission may designate. OCC provided the Commission with written notice of its intent to file the proposed rule change, along with a brief description and text of the proposed rule change, at least five business days prior to the date of filing, or such shorter time as designated by the Commission. As described above, this proposed rule change primarily affects clearing members with segregated futures accounts at OCC and their customers and SPAN is used universally by all the major domestic futures clearing houses, other than OCC, to calculate clearing and customer level margin requirements. In addition, OCC has determined that the change would have an extremely limited impact on aggregate margin requirements for these accounts and would result in enhanced margin for a relatively small number of clearing members on a limited number of days. OCC therefore believes that the proposed modifications will not impose any burden on competition nor will they have a significant impact on the protection of investors or the public interest.

Pursuant to Rule 19b-4(f)(6)(iii), OCC requests that the Commission designate that the rule change will become operative on June 10, 2014.<sup>18</sup> OCC believes that there is good cause for the Commission to accelerate the operative date in this case to provide relief to futures customers of clearing members from the frequent recalibrations of the STANS margining

<sup>&</sup>lt;sup>18</sup> 17 CFR 240.19b-4(f)(6)(iii). Notwithstanding the foregoing, implementation of this rule change will be delayed until this rule change is deemed certified under CFTC Regulation §40.6.

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system, and the corresponding frequent changes to the margin requirements applicable to customers of clearing members, as promptly as practicable. OCC believes that permitting the rule change to become operative prior to 30 days from filing is consistent with Section 17A of the Exchange Act and the protections of investors and the public interest because the proposed rule change would provide greater certainty to clearing members' customers regarding funding costs associated with their futures positions and align OCC's margin methodology for segregated futures accounts with other DCOs while allowing OCC to continue to use margin requirements to limit its credit exposures to clearing members under normal market conditions and use riskbased models and parameters to set margin requirements.<sup>19</sup> Accelerating the operative date will also more quickly alleviate the burden on futures customers of clearing members associated with STANS margin calculations and conform OCC's margin calculation methodology for futures and options on futures with the methodology primarily used by other DCOs and participants in the futures and options on futures markets, thereby "fostering cooperation and coordination with persons engaged in the clearance and settlement of securities transactions" and removing impediments to and perfecting the mechanism of a national system for the prompt and accurate clearing and settlement of securities transactions.<sup>20</sup>

At any time within 60 days of the filing of this rule change, the Commission summarily may temporarily suspend the rule change if it appears to the Commission that such

<sup>&</sup>lt;sup>19</sup> 17 CFR 240.17Ad-22(b)(2).

<sup>&</sup>lt;sup>20</sup> 15 U.S.C. 78q-1(b)(3)(F).

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action is necessary or appropriate in the public interest, for the protection of investors or otherwise in furtherance of the purposes of the Exchange Act.

# Item 8. Proposed Rule Change Based on Rule of Another Self-Regulatory Organization or of the Commission

Not applicable.

# Item 9. Security-Based Swap Submissions Filed Pursuant to Section 3C of the Act Not applicable.

Item 10. <u>Advance Notices Filed Pursuant to Section 806(e) of</u> the Payment, Clearing and Settlement Supervision Act

Not applicable.

#### Item 11. Exhibits

Exhibit 1A. Completed Notice of Proposed Rule Change for publication in the

Federal Register.

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#### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, The Options

Clearing Corporation has caused this filing to be signed on its behalf by the undersigned

hereunto duly authorized.

THE OPTIONS CLEARING CORPORATION

By: Atesten Borock

Vice President and Associate General Counsel

#### EXHIBIT 1A

SECURITIES AND EXCHANGE COMMISSION (Release No. 34-\_\_\_\_; File No. SR-OCC-2014-13)

May 28, 2014

Self-Regulatory Organizations; The Options Clearing Corporation; Notice of Filing and Immediate Effectiveness of a Proposed Rule Change to Provide for the Calculation of Initial Margin Requirements for Segregated Futures Accounts Through the Use of the Standard Portfolio Analysis of Risk Margin Calculation System

Pursuant to Section 19(b)(1) of the Securities Exchange Act of 1934 ("Act")<sup>1</sup> and Rule 19b-4 thereunder<sup>2</sup> notice is hereby given that on May 28, 2014, The Options Clearing Corporation ("OCC") filed with the Securities and Exchange Commission ("Commission") the proposed rule change as described in Items I, II and III below, which Items have been prepared primarily by OCC. OCC filed the proposed rule change pursuant to Section 19(b)(3)(A)<sup>3</sup> of the Act and Rule 19b-4(f)(6)<sup>4</sup> thereunder.<sup>5</sup>

- <sup>1</sup> 15 U.S.C. 78s (b)(1).
- <sup>2</sup> 17 CFR 240.19b-4.
- <sup>3</sup> 15 U.S.C. 78s(b)(3)(A).
- <sup>4</sup> 17 CFR 240.19b-4(f)(6). As required under Rule 19b-4(f)(6)(iii), OCC provided the Commission with written notice of its intent to file the proposed rule change, along with a brief description and the text of the proposed rule change, at least five business days prior to the date of filing the proposed rule change, or such shorter time as designated by the Commission.
- <sup>5</sup> Notwithstanding the foregoing, implementation of this rule change will be delayed until this rule change is deemed certified under CFTC Regulation §40.6.

#### I. <u>Clearing Agency's Statement of the Terms of Substance of the</u> <u>Proposed Rule Change</u>

This proposed rule change by The Options Clearing Corporation ("OCC") would provide for the calculation of initial margin requirements for segregated futures accounts through the use of the Standard Portfolio Analysis of Risk ("SPAN") margin calculation system in place of OCC's System for Theoretical Analysis and Numerical Simulations ("STANS") margin calculation system.

#### II. <u>Clearing Agency's Statement of the Purpose of, and Statutory Basis for, the</u> <u>Proposed Rule Change</u>

In its filing with the Commission, OCC included statements concerning the purpose of and basis for the proposed rule change and discussed any comments it received on the proposed rule change. The text of these statements may be examined at the places specified in Item IV below. OCC has prepared summaries, set forth in sections (A), (B), and (C) below, of the most significant aspects of these statements.

#### (A) <u>Clearing Agency's Statement of the Purpose of, and Statutory</u> Basis for, the Proposed Rule Change

1. Purpose

OCC is proposing to modify its rules to provide for the calculation of margin requirements for segregated futures accounts through the use of the SPAN margin calculation system in place of OCC's STANS margin calculation system, subject to OCC's collection of enhanced margin to be deposited in the segregated futures account in the event that the margin requirement as calculated under STANS would exceed the requirement calculated under SPAN.

#### Compliance with CFTC Rule 39.13(g)(8)

On April 25, 2012, and November 2, 2012, OCC implemented Rule 602(a) and Rule 601(c), respectively, in compliance with Commodity Futures Trading Commission ("CFTC") Rule 39.13(g)(8),<sup>6</sup> which, in relevant part, requires registered derivatives clearing organizations ("DCOs") such as OCC to (i) collect initial margin for customer segregated futures accounts on a gross basis and (ii) have rules requiring clearing members to collect initial margin from their customers in an amount that is greater than the amount the DCO collects from clearing members.<sup>7</sup> Together, Rules 601(c) and 602(a) resulted in customer level margin requirements for segregated futures accounts that are calculated by clearing members using SPAN, but subject to a "floor" established by the clearing level margin requirements calculated by OCC using STANS.

#### Use of STANS Inputs in Calculation of Customer Level Margin Requirements

In addition to implementing the above described changes to its systems to margin segregated futures accounts on a gross basis, OCC sought to bring customer level margin requirements into conformity with STANS risk parameters by changing the initial risk parameter inputs for particular cleared contracts in segregated futures accounts.<sup>8</sup> Previously, OCC used SPAN risk parameters received from the futures exchange listing a particular cleared contract when preparing theoretical output files that clearing members used in SPAN calculations to

<sup>8</sup> Id.

<sup>&</sup>lt;sup>6</sup> 17 CFR 39.13(g)(8).

 <sup>&</sup>lt;sup>7</sup> See Securities Exchange Act Release No. 66841 (April 20, 2012), 77 FR 24999 (April 26, 2012) (SR-OCC-2012-06) and Securities Exchange Act Release No. 68148 (November 2, 2012), 77 FR 67036 (November 8, 2012) (SR-OCC-2012-17).

calculate customer margin requirements.<sup>9</sup> In order to more closely align clearing level and customer level margin requirements, OCC replaced the SPAN risk parameters with STANS risk parameters in preparing these theoretical output files.<sup>10</sup> This alignment of clearing level and customer level margin requirements through the use of STANS risk parameters resulted in customers of clearing members being directly exposed to margin requirements based on STANS for the first time.

STANS is a data driven system using market data to model risk correlations and distributions in order to calculate appropriate margin coverage for each cleared contract. STANS was designed to have risk parameters adjusted on a monthly basis, when new data is made available, and on a daily basis, to take into account changes in market volatility. OCC believes that these frequent recalibrations are critical to its risk management capabilities with respect to clearing member accounts. However, as a result of the changes to OCC's rules described above, these recalibrations result in frequent changes to the margin requirements applicable to customers of clearing members. Clearing members are well capitalized entities with significant access to financing and are able to absorb frequent changes to margin requirements caused by STANS risk parameter recalibration.<sup>11</sup> However, certain customers of clearing members may not have the same capital requirements or access to financing as clearing members, and frequent

 <sup>&</sup>lt;sup>9</sup> Securities Exchange Act Release No. 68148 (November 2, 2012), 77 FR 67036 (November 8, 2012) (SR-OCC-2012-17).

<sup>&</sup>lt;sup>10</sup> *Id.* 

<sup>&</sup>lt;sup>11</sup> OCC's By-Laws and Rules require clearing members to maintain minimum net capital of \$2 million. *See*, OCC By-Laws, Article V, Section 1, Interpretation and Policy .01, OCC Rule 301 and OCC Rule 302. Notwithstanding the minimum net capital requirement, most OCC clearing members maintain net capital (and margin) in excess of the minimum and are able to readily satisfy margin increases that may occur from day-to-day.

changes to their margin requirements are more disruptive, causing uncertainty and adding unforeseen financing costs to their operations.<sup>12</sup>

#### **SPAN System for Calculating Initial Margin**

SPAN is used universally by all the major domestic futures clearing houses, other than OCC, to calculate clearing and customer level margin requirements, as well as by the major domestic futures exchanges. SPAN is a market simulation-based methodology that calculates initial margin requirements for a wide variety of financial instruments including futures, options, physical commodities, equities, or any combination of these instruments. SPAN assesses the risk of a portfolio by calculating the maximum likely loss that could be suffered by the portfolio based on SPAN risk parameters set by an exchange or DCO. These risk parameters, known as "scan ranges," include ranges of prices, volatility and other variables. Using these scan ranges, SPAN simulates a certain number of market scenarios, known as "risk scenarios," as determined by the exchange or DCO, and calculates a "SPAN risk array," which is a set of numerical values that indicate how a particular contract is expected to gain or lose value under the various risk scenarios. The risk array representing the maximum likely loss to a portfolio is then used to set margin requirements by the exchange or DCO.

#### **Proposed By-Law and Rule Changes**

OCC proposes to amend Rule 601 by adding new paragraph (1) to Rule 601(e) to provide for the calculation of initial margin for segregated futures customer accounts pursuant to

<sup>&</sup>lt;sup>12</sup> Clearing members' customers include individual retail customers who do not have the same financial resources as clearing members and, unlike clearing members, will not be able to easily satisfy margin increases that occur from day-to-day.

SPAN.<sup>13</sup> Proposed Rule 601(e)(1) will retain the requirement that initial margin for segregated futures accounts be calculated on a gross basis, but will calculate the initial margin requirement pursuant to the SPAN methodology in order to reduce the disruption experienced by customers of clearing members due to the frequent recalibration of STANS risk parameters. OCC believes this change will provide market participants with greater certainty regarding the funding costs associated with their futures positions. Additionally, calculating initial margin requirements for segregated futures accounts pursuant to SPAN will conform OCC's margin calculation methodology for futures and options on futures with the methodology primarily used by other DCOs, futures exchanges and participants in the futures and options on futures markets.

OCC intends to set the SPAN scan ranges for cleared contracts held in segregated futures accounts based on two years of daily returns that will be analyzed for each tenor of cleared contract. In the event that two years of daily returns are unavailable, OCC will use the model two-year daily returns produced by STANS to set the SPAN scan ranges. Scan ranges will be initially set to provide coverage for a minimum 99% confidence level. OCC intends to use the price history from the futures exchange that lists a particular contract to establish the minimum margin threshold. In the event that a contract is listed by a futures exchange that is economically equivalent to another futures exchange's contract, OCC intends to use the SPAN parameters from the primary market to establish the minimum margin threshold.

OCC will reset minimum SPAN scan ranges on a quarterly basis. Margin rates, including any changes, will be posted on OCC's public website and implemented within five

<sup>&</sup>lt;sup>13</sup> OCC has previous experience operating OCC's Theoretical Intermarket Margining System (TIMS), a margin calculation system that similar to SPAN, and does not anticipate any operational issues in implementing SPAN.

business days of the quarterly rate setting date. This schedule will be provided to all market participants via a posting on OCC's public website. OCC believes these measures will promote transparency and provide clearing members and their futures customers adequate time to prepare for any changes in margin rates.

OCC staff will continuously assess the current SPAN scan ranges by comparing changes in settlement values to the established SPAN scan ranges on a daily basis. If there is a change in settlement values that exceeds the established SPAN scan ranges, OCC will reset the SPAN scan ranges in between the scheduled quarterly reset no later than five business days after the observed change in settlement values that exceeded the established SPAN scan ranges and the revised ranges will be left in place for a minimum of ten business days and, if no further breaches have been observed, OCC will reset the margin rates based on its standard approach. OCC believes that this adjustment process promotes safety and soundness in its risk management practices by implementing an ongoing monitoring process to ensure that margin levels are maintained at appropriate levels.

Proposed Rule 601(e)(1) will apply to all segregated futures accounts, including segregated futures professional accounts, internal non-proprietary cross-margining accounts and non-proprietary cross-margining accounts. For cross-margining accounts with other DCOs, OCC will use the SPAN scan ranges set by the participating DCO. For OCC internal cross-margining accounts, OCC will calculate the SPAN scan ranges as described above.

Although proposed Rule 601(e)(1) proposes to use SPAN to calculate initial margin requirements for segregated futures accounts on a gross basis, OCC believes that margin requirements calculated on a net basis, i.e., permitting offsets between different customers' positions held by a clearing member in a segregated futures account, using STANS affords OCC

additional protections at the clearinghouse level against risks associated with liquidating a clearing member's segregated futures account. Accordingly, OCC proposes in new Interpretation and Policy .07 to Rule 601 to also calculate on a net basis initial margin requirements for each segregated futures accounts using STANS. If at any time OCC staff observes a segregated futures account where initial margin calculated pursuant to STANS on a net basis exceeds the initial margin calculated pursuant to SPAN on a gross basis, OCC will collateralize this risk exposure by applying an enhanced margin requirement in the amount of such difference to the account. Proposed Interpretation and Policy .07 to Rule 601 therefore would ensure that STANS, which produces the best estimate of OCC's liquidation risk, continues to be utilized in connection with the risk management process for segregated futures accounts.

#### **Impact of Change**

OCC performed an evaluation of the impact of using SPAN in place of STANS to calculate initial margin requirements for segregated futures accounts and has concluded that the impact will be minimal.<sup>14</sup> For 78 business days between January 15, 2014 and May 7, 2014, OCC used SPAN to calculate initial margin requirements on a gross basis for all 68 segregated futures accounts carried at OCC. The change to initial margin requirements across all individual accounts ranged between an increase of \$557.5 million and a decrease of \$180.4 million. The average individual account increase was \$18.8 million and the average account decrease was

<sup>&</sup>lt;sup>14</sup> The only futures products sets that OCC expects to clear following the adoption of SPAN margining will be: Volatility Futures, Variance Futures, Eurodollar Futures and Security Futures. NYSE Liffe U.S. precious metal futures and MSCI broad based index futures products will also be subject to SPAN margining as long as they are cleared by OCC. However, such NYSE Liffe U.S. futures products are scheduled to transfer to another derivatives clearing organization in the second quarter of 2014.

\$15.4 million. When reviewing the aggregated daily impact, the change across all accounts ranged between an increase of \$390.1 million and a decrease of \$764.7 million. The average aggregate increase across the 50 activity dates when an overall increase in margin was observed was \$150.7 million while the average aggregate on the 28 activity dates when an overall margin decrease was observed was \$267.7 million.

During the above 78 business day period, 29 of the segregated futures accounts would have been subject to the enhanced margin requirement pursuant to proposed Interpretation and Policy .07 to Rule 601 because the initial margin calculated pursuant to STANS on a net basis exceeded the initial margin calculated pursuant to SPAN on a gross basis on at least one activity date.<sup>15</sup> The majority of the days on which the enhanced margin would have been required of a large number of accounts were during the last week of January and the first week of February when emerging markets experienced substantial volatility.

#### B. Statutory Basis

OCC believes the proposed rule change is consistent with Section 17A of the Act,<sup>16</sup> and the rules and regulations thereunder, because the proposed modifications would help

<sup>16</sup> 15 U.S.C. 78q-1.

<sup>&</sup>lt;sup>15</sup> Of these 29 accounts, 18 accounts incurred an enhanced margin charge on fewer than 10 activity dates during the 78 day period, while 6 accounts incurred an enhanced margin charge between 10 and 40 activity dates, and 5 accounts incurred an enhanced margin charge on greater than 40 activity dates. OCC staff noted that accounts incurring the enhanced margin charge on a large number of activity dates are accounts comprised of a small number of positions or positions concentrated in a small number of product types. Specifically, more than half of all observed enhanced margin charges were in accounts comprised of only NYSE Liffe Metals or NYSE Liffe MSCI products. Of the 78 activity dates, on 47 activity dates fewer than 5 accounts incurred an enhanced margin charge, on 26 activity dates between 6 and 10 clearing member accounts incurred an enhanced margin charge.

ensure that OCC is able to perform clearing services for products that are subject to either the exclusive or joint jurisdiction of the CFTC<sup>17</sup> and is designed to promote "the prompt and accurate clearing and settlement of securities transactions"<sup>18</sup> and will "require participants to have sufficient financial resources and robust operational capacity to meet obligations arising from participation"<sup>19</sup> in OCC. The proposed rule change would provide greater certainty to clearing members' customers regarding funding costs associated with their futures positions and align OCC's margin methodology for segregated futures accounts with other DCOs while allowing OCC to continue to use margin requirements to limit its credit exposures to clearing members under normal market conditions and use risk-based models and parameters to set margin requirements.<sup>20</sup> The proposed rule change is not inconsistent with the existing rules of OCC, including any other rules proposed to be amended or any advance notice filings pending with the Commission.

#### (B) <u>Clearing Agency's Statement on Burden on Competition</u>

OCC does not believe that the proposed rule change would impose any burden on competition. Changes to the rules of a clearing agency may have an impact on the participants in a clearing agency and their customers and the markets that the clearing agency serves. This proposed rule change primarily affects clearing members and their customers by changing the margin calculation system used to compute initial margin requirements for segregated futures accounts from STANS to SPAN. OCC believes that the proposed change would facilitate

<sup>19</sup> 17 CFR 240.17Ad-22(d)(2).

<sup>&</sup>lt;sup>17</sup> Securities futures are subject to the joint jurisdiction of the Commission and the CFTC.

<sup>&</sup>lt;sup>18</sup> 15 U.S.C. 78q-1(b)(3)(A).

<sup>&</sup>lt;sup>20</sup> 17 CFR 240.17Ad-22(b)(2).

competition among clearing members, their customers and market participants because the rule change would affect all clearing members with segregated futures accounts equally, and bring OCC's margin system for futures in line with other DCOs. Specifically, all clearing members with segregated futures accounts would be subject to having the initial margin calculation for such accounts computed under SPAN, and all affected customers would be subject to having their customer level margin requirements calculated on the basis of SPAN. With respect to any burden on competition among clearing agencies, OCC is one of several clearing agencies that perform central counterparty services for the futures markets and all such clearing agencies, except for OCC, currently use SPAN to calculate customer level margin requirements. The proposed rule change would not impede other clearing agencies from clearing futures contracts.

For the foregoing reasons, OCC believes that the proposed rule change is in the public interest and would not impose any burden on competition among clearing members, among market participants or among clearing agencies.

(C) <u>Clearing Agency's Statement on Comments on the</u> Proposed Rule Change Received from Members, Participants or Others

Written comments on the proposed rule change were not and are not intended to be solicited with respect to the proposed rule change and none have been received.

## III. Date of Effectiveness of the Proposed Rule Change and Timing for Commission Action

Because the foregoing proposed rule change does not:

- (i) significantly affect the protection of investors and the public interest;
- (ii) impose any burden on competition; and

(iii) become operative for 30 days from the day on which it was filed, or such shorter time as the Commission may designate, it has become effective pursuant to Section 19(b)(3)(a) of the Act and Rule 19b-4(f)(6) thereunder.<sup>21</sup>

At any time within 60 days of the filing of the proposed rule change, the Commission may temporarily suspend such rule change if it appears to the Commission that such action is necessary or appropriate in the public interest, for the protection of investors, or otherwise in furtherance of the purposes of the Act.

#### IV. Solicitation of Comments

Interested persons are invited to submit written data, views, and arguments concerning the foregoing, including whether the proposed rule change is consistent with the Act. Comments may be submitted by any of the following methods:

#### **Electronic Comments:**

- Use the Commissions Internet comment form (http://www.sec.gov/rules/sro.shtml); or
- Send an e-mail to <u>rule-comments@sec.gov</u>. Please include File Number SR-OCC-2014-13 on the subject line.

#### Paper Comments:

 Send paper comments in triplicate to Elizabeth M. Murphy, Secretary, Securities and Exchange Commission, 100 F Street, NE, Washington, DC 20549-1090.

All submissions should refer to File Number SR-OCC-2014-13. This file number should be included on the subject line if e-mail is used. To help the Commission process and review your comments more efficiently, please use only one method. The Commission will post all

<sup>21</sup> 17 CFR 240.19b-4(f)(6)(iii).

comments on the Commission's Internet website (http://www.sec.gov/rules/sro.shtml). Copies of the submission, all subsequent amendments, all written statements with respect to the proposed rule change that are filed with the Commission, and all written communications relating to the proposed rule change between the Commission and any person, other than those that may be withheld from the public in accordance with the provisions of 5 U.S.C. 552, will be available for website viewing and printing in the Commission's Public Reference Section, 100 F Street, N.E., Washington, DC 20549, on official business days between the hours of 10:00 a.m. and 3:00 p.m. Copies of such filing also will be available for inspection and copying at the principal office of OCC and on OCC's website at <a href="http://www.theocc.com/about/publications/bylaws.jsp.">http://www.theocc.com/about/publications/bylaws.jsp.</a>

All comments received will be posted without change; the Commission does not edit personal identifying information from submissions. You should submit only information that you wish to make available publicly.

All submissions should refer to File Number SR-OCC-2014-13 and should be submitted on or before [insert date 21 days from publication in the Federal Register].

For the Commission by the Division of Trading and Markets, pursuant to delegated Authority.<sup>22</sup>

Kevin M. O'Neill Deputy Secretary

Action as set forth recommended herein APPROVED pursuant to authority delegated by the Commission under Public Law 87-592. For: Division of Trading and Markets

By:\_\_\_\_\_

Print Name:\_\_\_\_\_

Date:\_\_\_\_\_

<sup>&</sup>lt;sup>22</sup> 17 CFR 200.30-3(a)(12).