



NATIONAL  
SECURITIES  
CLEARING  
CORPORATION

RULES & PROCEDURES

**TEXT OF PROPOSED RULE CHANGE**

**Bold and underlined** text indicates proposed added language.

**~~Bold and strikethrough~~** text indicates proposed deleted language.

RULE 4(A). SUPPLEMENTAL LIQUIDITY DEPOSITS

**[Changes to this Rule 4(A), as amended by File Nos. SR-NSCC-2021-002 and SR-NSCC-2021-801, are available at [dtcc.com/~media/Files/Downloads/legal/rule-filings/2021/NSCC/SR-NSCC-2021-002.pdf](https://www.dtcc.com/~media/Files/Downloads/legal/rule-filings/2021/NSCC/SR-NSCC-2021-002.pdf) and at [dtcc.com/~media/Files/Downloads/legal/rule-filings/2021/NSCC/SR-NSCC-2021-801.pdf](https://www.dtcc.com/~media/Files/Downloads/legal/rule-filings/2021/NSCC/SR-NSCC-2021-801.pdf), respectively. These changes have been approved by the Securities and Exchange Commission but have not yet been implemented. By no later than [insert date no later than 10 Business Days after the later of the approval of SR-NSCC-2021-002 and no objection to SR-NSCC-2021-801 by the Securities and Exchange Commission], these changes will be implemented, and this legend will be automatically removed from this Rule 4(A).]**

SEC. 1. *Overview.* The Corporation requires sufficient liquidity to enable it to effect the settlement of its payment obligations as a central counterparty. ~~The two principal sources of liquidity for the Corporation currently are deposits to the Clearing Fund and a committed line of credit to meet its regulatory obligations.~~ A substantial proportion of the liquidity needed by the Corporation for these purposes is attributable to the exposure presented to the Corporation by its Members who would generate the largest settlement debits ~~during options expiration activity periods~~ in stressed market conditions. In order to ensure that the Corporation has sufficient liquidity to meet its payment and regulatory obligations, ~~it is appropriate that~~ such Members shall provide ~~additional liquidity to the Corporation in the form of supplemental liquidity deposits to the Clearing Fund, offset by (i) commitments under the line of credit and (ii) any to supplement the Corporation's other qualifying liquid resources the Corporation may secure~~ sources of liquidity pursuant to settle its payment obligations as a central counterparty. this Rule 4(A). This Rule 4(A) describes how such ~~additional liquidity in the form of~~ supplemental liquidity deposits to the Clearing Fund shall be calculated and provided.

SEC. 2. *Defined Terms.* The following terms shall have the meanings specified below for purposes of this Rule 4(A):

“Affiliate” means a person that controls or is controlled by or is under common control with another person. Control of a person means the direct or indirect ownership or power to vote more than 50% of any class of the voting securities or other voting interests of any person.

“Affiliated Family” means a group of Members, excluding from the group any Member that is a securities clearinghouse, depository, exchange or other market infrastructure, in which each Member in the group is an Affiliate of at least one other Member in the group.

~~“Commitment” means a commitment to lend to the Corporation under the Credit Facility.~~

~~“Credit Facility” means the committed line of credit maintained by the Corporation to enable the Corporation to satisfy losses and liabilities incident to the operation of its clearance and settlement business.~~

~~“Options Expiration Activity Period” means the period (i) beginning at the opening of business on the Friday preceding the Saturday that is the monthly expiration date for stock options (or the Business Day before that if such Friday is not a Business Day) and (ii) ending at the close of business on the second Settlement Day following such date. If the monthly expiration date for stock options is changed to a Friday, the “Options Expiration Activity Period” shall mean the period (i) beginning at the opening of business on such Friday (or the Business Day before that if such Friday is not a Business Day) and (ii) ending at the close of business on the second Settlement Day following such date.~~

~~“Other Qualifying Liquid Resources” means liquid resources, other than the Clearing Fund and Credit Facility, available to the Corporation to enable the Corporation to settle its payment obligations as a central counterparty in stressed market conditions.~~

~~“Special Activity Business Day” means a Business Day that is included in an Options Expiration Activity Period.~~

~~“Special Activity Calculation Date” has the meaning given to such term in Section 3 below.~~

~~“Special Activity Daily Liquidity Need” means, on any Special Activity Business Day, the amount of liquid resources, as calculated and determined by the Corporation, needed to effect the settlement of its payment obligations as a central counterparty over a fourthree day settlement cycle, assuming the default on that Business Day of the an Unaffiliated Member or Affiliated Family ~~that would cause the largest liquidity exposure to the Corporation over that cycle in stressed market conditions.~~~~

~~“Special Activity Intraday Supplemental Liquidity Call” has the meaning given to such term in Section 7 below.~~

~~“Special Activity Liquidity Obligation” has the meaning given to such term in Section 4 below.~~

~~“Special Activity Liquidity Provider” has the meaning given to such term in Section 4 below.~~

~~“Special Activity Lookback Period” means, with respect to the 24 month period (or longer period as determined by the Corporation in its discretion) ending on the applicable Special Activity Calculation Date, prior to each Options Expiration Activity Period that falls within the same calendar month as the calendar month of the applicable Special Activity Calculation Date Business Day.~~

**“Options Expiration Activity Period” means the period (i) beginning at the opening of business on the Friday preceding the Saturday that is the monthly expiration date for stock options (or the Business Day before that if such Friday is not a Business Day) and (ii) ending at the close of business on the second Settlement Day following such date. If the monthly expiration date for stock options is changed to a Friday, the “Options Expiration Activity Period” shall mean the period (i) beginning at the opening of business on such Friday (or the Business Day before that if such Friday is not a Business Day) and (ii) ending at the close of business on the second Settlement Day following such date.**

**“~~Special Activity~~ Peak Liquidity ~~Exposure~~ Need” means: has the meaning given to such term in Section 3 below.**

- a. ~~with respect to an Unaffiliated Member, the amount by which the largest Special Activity Supplemental Liquidity Need that the Corporation would have in the event of the default of such Unaffiliated Member on any Special Activity Business Day during the applicable Special Activity Lookback Period exceeds, on the applicable Special Activity Calculation Date, the sum of (i) all Commitments under the Credit Facility and (ii) all Other Qualifying Liquid Resources;~~
- b. ~~with respect to a Member of an Affiliated Family, the amount by which the largest Special Activity Supplemental Liquidity Need that the Corporation would have in the event of the default of such Member on any Special Activity Business Day during the applicable Special Activity Lookback Period exceeds, on the applicable Special Activity Calculation Date, the sum of (i) all Commitments under the Credit Facility and (ii) all Other Qualifying Liquid Resources; and~~
- c. ~~with respect to an Affiliated Family, the amount by which the largest Special Activity Supplemental Liquidity Need that the Corporation would have in the event of the simultaneous default of all Members of that Affiliated Family on any Special Activity Business Day during the applicable Special Activity Lookback Period exceeds, on the applicable Special Activity Calculation Date, the sum of (i) all Commitments under the Credit Facility and (ii) all Other Qualifying Liquid Resources.~~

**“~~Special Activity~~ Peak Liquidity Need” means, on any Special Activity Calculation Date, the amount by which the largest Special Activity Supplemental Liquidity Need observed at any time during any Options Expiration Activity Period exceeds, on such Special Activity Calculation Date, the sum of (i) all Commitments under the Credit Facility and (ii) all Other Qualifying Liquid Resources.**

~~“Special Activity Peak Liquidity Need Date” means the date of the applicable Special Activity Peak Liquidity Need.~~

~~“Special Activity Prefund Deposit” means a cash deposit of a Member to the Clearing Fund made by wire transfer to an account designated by the Corporation:~~

- ~~a. that is in excess of the Required Fund Deposit of the Member;~~
- ~~b. that the Member deposits to the Clearing Fund, not later than the time specified by the Corporation on the first Business Day of an Options Expiration Activity Period, if the Member anticipates that its Special Activity Peak Liquidity Exposure at any time during such Options Expiration Activity Period will be greater than the amount calculated by the Corporation pursuant to this Rule 4(A);~~
- ~~c. that the Member undertakes to keep on deposit in the Clearing Fund for at least seven Business Days after the end of the applicable Options Expiration Activity Period; and~~
- ~~d. that the Member designates as a “Special Activity Prefund Deposit” at the time of the deposit in a manner specified by the Corporation.~~

~~“Special Activity Supplemental Qualifying Liquid Resources” means, as of each Business Day, the liquid resources available to the Corporation to enable it to settle its payment obligations as a central counterparty in stressed market conditions (as described below), which may include (i) a commitment to lend under a committed line of credit maintained by the Corporation to enable it to satisfy losses and liabilities incident to the operation of its clearance and settlement business; (ii) actual deposits to its Clearing Fund, including Supplemental Liquidity Deposits; and (iii) any other prefunded or committed liquidity resources that the Corporation may use to settle its payment obligations as a central counterparty. Qualifying Liquid Resources would not include Supplemental Liquidity Deposits for purposes of this Rule 4(A). In order to simulate stressed market conditions, the Corporation would apply assumptions to the size and availability of its Qualifying Liquid Resources when applying these resources in the calculations made under this Rule 4(A).~~

~~“Supplemental Liquidity Deposit” shall have the meaning given to such term in Section 5, and shall include any amount deposited to the Clearing Fund in satisfaction of (i) a ~~Special Activity Supplemental~~ Liquidity Obligation (pursuant to Section ~~64~~ below) or (ii) a ~~Special Activity-an Intraday Supplemental~~ Liquidity Call (pursuant to Section ~~87~~ below). All ~~Special Activity~~ Supplemental Liquidity Deposits shall be made in cash by wire transfer to an account designated by the Corporation.~~

~~“~~Special Activity~~ Supplemental Liquidity Obligation Need” means, on any ~~Special Activity Business Day~~, the amount by which the ~~Special Activity Daily~~~~

**Liquidity Need of the Corporation exceeds the sum of all Required Fund Deposits** has the meaning given to such term in Section 4 below.

**“Supplemental Liquidity Provider”** has the meaning given to such term in Section 3 below.

“Unaffiliated Member” means a Member that (i) is not in any Affiliated Family and (ii) is not a securities clearinghouse, depository, exchange or other market infrastructure.

Capitalized terms that are used but not defined in this Rule 4(A) shall have the meanings given to such terms elsewhere in these Rules.

### **Special Activity Supplemental** Liquidity Obligations

SEC. 3. **Special Activity Calculation Date Determinations. Supplemental Liquidity Providers.** On a day that is no later than the fifth each Business Day preceding any Options Expiration Activity Period (the “**Special Activity Calculation Date**”), the Corporation shall determine: **the “Peak Liquidity Need” of each Member, which shall be:**

- a. **the Special Activity For Unaffiliated Members, the largest** Daily Liquidity Need ~~of that~~ the Corporation **on each Special Activity would have in the event of the default of such Unaffiliated Member on any** Business Day ~~of during~~ the **applicable Special Activity** Lookback Period;
- b. **the Special Activity Supplemental For Members of an Affiliated Family, the largest Daily** Liquidity Need ~~of that~~ the Corporation **would have in the event of the default of such Member on each Special Activity any** Business Day ~~of during~~ the applicable **Special Activity** Lookback Period;
- c. ~~and with respect to an Affiliated Family,~~ the **Special Activity Peak largest Daily** Liquidity Need ~~of that~~ the Corporation **would have in the event of on the applicable Special Activity Calculation Date;**
- d. ~~the Special Activity Peak Liquidity Exposure of each Unaffiliated Member or Affiliated Family during the applicable Special Activity~~ Lookback Period; and
- e. ~~the 30 (or fewer) Unaffiliated simultaneous default of all Members or of that Affiliated Families with the largest Special Activity Peak Liquidity Exposures~~ Family on any Business Day during the **applicable Special Activity** Lookback Period.

SEC. 4. **Special Activity Liquidity Obligations and Providers.** The 30 (or fewer) Unaffiliated Members or Affiliated Families with the largest **Special Activity**

Peak Liquidity ~~Exposures~~Need during the ~~applicable Special Activity~~ Lookback Period shall be “Supplemental Liquidity Providers” for that Business Day.

**SEC 4. Supplemental Liquidity Obligations.**

**a.** ~~On each Business Day, (each, a “Special Activity Supplemental Liquidity Provider”)~~ shall have a supplemental liquidity obligation to the Corporation (a ~~“Special Activity Supplemental Liquidity Obligation”;~~) determined for each Special Activity Liquidity Provider in accordance with the following formula:

A = B ~~multiplied by (minus C divided by D)~~, where --

~~A~~ is the ~~Special Activity Supplemental~~ Liquidity Obligation of such ~~Special Activity Supplemental~~ Liquidity Provider;

~~B~~ is the Daily Liquidity Need of the Supplemental Liquidity Provider calculated for that Business Day; and

~~CB~~ is the ~~Special Activity Peak Liquidity Need~~sum of all Qualifying Liquid Resources available to the Corporation on ~~the applicable Special Activity Calculation Date;~~that Business Day assuming stressed market conditions.

~~C~~ is the ~~Special Activity Peak Liquidity Exposure of such Special Activity Liquidity Provider during the applicable Special Activity Lookback Period;~~ and

~~D~~ is the aggregate amount of the ~~Special Activity Peak Liquidity Exposures of all Special Activity Liquidity Providers during the applicable Special Activity Lookback Period.~~

**b.** If two or more Supplemental Liquidity Providers have a Supplemental Liquidity Obligation of more than \$2 billion, as determined pursuant to subsection a. above, the Corporation may, in its sole discretion, determine the Supplemental Liquidity Obligation of each Supplemental Liquidity Provider as its pro rata share of the largest Supplemental Liquidity Obligation calculated for that Business Day.

SEC. 5. ~~Satisfaction of Special Activity Supplemental~~ Liquidity Obligations. In satisfaction of its ~~Special Activity Supplemental~~ Liquidity Obligation to the Corporation, a ~~Special Activity Supplemental~~ Liquidity Provider shall make a supplemental liquidity deposit (a ~~“Special Activity Supplemental Liquidity Deposit”~~) to the Clearing Fund in an amount equal to its Supplemental ~~Activity~~ Liquidity Obligation.

SEC. 6. ~~Notice of Special Activity Supplemental~~ Liquidity Obligations and Payment of ~~Special Activity Supplemental~~ Liquidity Deposits. ~~Promptly after the~~



~~Special Activity Calculation Date~~ On each Business Day, the Corporation shall provide each ~~Special Activity Supplemental~~ Liquidity Provider with the amount of its ~~Special Activity Supplemental~~ Liquidity Obligation for that ~~Options Expiration Activity Period~~. Not later than Business Day. Such notice shall state if the ~~close~~ Supplemental Liquidity Obligation was calculated pursuant to Section 4b of business on this Rule. Within one hour of demand, unless otherwise determined by the second Business Day preceding the applicable Options Expiration Activity Period Corporation, a ~~Special Activity Supplemental~~ Liquidity Provider shall make its ~~Special Activity~~ Supplemental Liquidity Deposit to the Clearing Fund.

~~Special Activity~~ Intraday Supplemental Liquidity Calls

SEC. 7. *Determination of* ~~Special Activity~~ Intraday Supplemental Liquidity Calls.

a. If, with respect to any Special Activity on the first Business Day of an Options Expiration Activity Period between Special Activity Calculation Dates, the Corporation observes an increase in its ~~Special Activity Supplemental Liquidity Need in excess of such threshold as may be determined by the Corporation from time to time~~ Daily Liquidity Need, the Corporation shall ~~be entitled to~~ call on the ~~Member Supplemental Liquidity Providers~~ whose increase in activity levels or projected settlement activity with respect to monthly expiration of stock options caused (or was the primary cause of) such increase in the ~~Special Activity Supplemental~~ Daily Liquidity Need of the Corporation to deposit to the Clearing Fund, as an addition to its ~~Special Activity~~ Supplemental Liquidity Deposit, an amount equal to the difference between (i) the ~~Special Activity Supplemental~~ Daily Liquidity Need of the Corporation on such ~~Special Activity Business Day~~ Business Day, adjusted to account for such increased activity levels and projected settlement activity, and (ii) the sum, on such ~~Special Activity~~ Business Day, of ~~(w) all Special Activity Supplemental Deposits, (x) all Commitments under the Credit Facility, (y) all Other Qualifying Liquid Resources and (z) an amount of Special Activity Prefund Deposits up to such limit as may be determined by the Corporation from time to time~~ (a “Special Activity all Qualifying Liquid Resources assuming stressed market conditions (an “Intraday Supplemental Liquidity Call”). For purposes of this Section 7a, the Corporation would adjust the re-calculated Daily Liquidity Need using an estimated netting percentage that is based on that Supplemental Liquidity Provider’s average percentage of netting observed over the prior 24 months.

b. If, on any Business Day other than the first Business Day of an Options Expiration Activity Period, the Corporation observes an increase in its Daily Liquidity Need, the Corporation shall be entitled to call on the Supplemental Liquidity Providers whose increase in activity levels caused (or was the primary cause of) such increase in the Daily Liquidity Need of the Corporation to deposit an Intraday Supplemental Liquidity Call in an amount equal to the difference between (i) the Daily Liquidity Need of the Corporation on such Business Day, adjusted to account for such increased activity levels, and (ii) the sum, on such



**Business Day, of all Qualifying Liquid Resources assuming stressed market conditions.**

SEC. 8. *Satisfaction of ~~Special Activity~~Intraday Supplemental Liquidity Calls.* ~~On the first Business Day after receipt of a Special Activity Liquidity Call from Unless otherwise determined by the Corporation, or such later time as the Corporation may specify but not later than 10 a.m. on the second Business Day after receipt of a Special Activity within one hour of demand of an Intraday Supplemental~~ Liquidity Call from the Corporation, a Member shall make ~~a Special Activity~~an additional Supplemental Liquidity Deposit to the Clearing Fund in the amount of the ~~Special Activity~~Intraday Supplemental Liquidity Call.

Returns of **Special Activity** Supplemental **Liquidity** Deposits

SEC. 9. *Deposits Made in Satisfaction of a Supplemental Liquidity Obligation.* A ~~Special Activity~~Supplemental Liquidity Provider shall be entitled to a return of the amount of its ~~Special Activity~~ Supplemental Liquidity Deposit made in satisfaction of a Supplemental ~~Activity~~ Liquidity Obligation or Intraday Supplemental Liquidity Call, payable ~~seven on the~~ Business ~~Days~~Day following after the ~~end of the applicable Options Expiration Activity Period~~Business Day on which the Supplemental Liquidity Deposit was made, unless otherwise notified by the Corporation.

SEC. 10. *~~Deposits Made in Satisfaction of a Liquidity Call. A Special Activity Liquidity Provider shall be entitled to a return of the amount of its Special Activity Liquidity Deposit made in satisfaction of a Special Activity Liquidity Call, payable 90 days after the date of such deposit.~~*

~~SEC. 11. Ceasing to be a Participant. Special Activity~~ Supplemental Liquidity Deposits shall ~~not~~ be subject to the provisions of Section 7 of Rule 4 relating to the ~~thirty (30) calendar day deferral of refunds~~refund of deposits to the Clearing Fund when a Member ceases to be a participant.

Miscellaneous Matters

SEC. ~~12.11.~~ *Obligations of Affiliated Families and Unaffiliated Members Supplemental Liquidity Providers.*

- a. The ~~Special Activity~~Supplemental Liquidity Obligations of an Affiliated Family shall be the several obligations of all of the Members of the Affiliated Family ratably in proportion to their applicable ~~Special Activity~~ Peak Liquidity ~~Exposures~~Need.
- b. In the event of any failure of ~~an Unaffiliated Member~~ a Supplemental Liquidity Provider to satisfy a ~~Special Activity~~Supplemental Liquidity Obligation in full when due, the Corporation may (i) debit the amount of any such deficiency to the account of such ~~Unaffiliated~~ Member, (ii) collect such amount in system wide settlement, and (iii) credit such amount as a ~~Special Activity~~ Supplemental Liquidity Deposit for the

account of such ~~Unaffiliated~~ Member. The Corporation may also exercise any and all of its other default rights under these Rules.

- ~~c. In the event of any failure of a Member of an Affiliated Family to satisfy a Special Activity Liquidity Obligation in full when due, the Corporation may, (i) debit the amount of any such deficiency to the account of such Member, (ii) collect such amount in system wide settlement and (iii) credit such amount as a Special Activity Supplemental Deposit for the account of such Member. The Corporation may also exercise any and all of its other default rights under these Rules.~~

SEC. ~~13.~~ 12. *Application of ~~Special Activity~~ Supplemental Liquidity Deposits.*

- a. A ~~Special Activity~~ Supplemental Liquidity Deposit of a Member may not be withdrawn by the Member unless it is entitled to a return of such deposit pursuant to Sections 9 or 10 above. **Notwithstanding Sections 9 and 10 of this Rule, the Supplemental Liquidity Deposit of a Member may be held by the Corporation pursuant to Section 9 of Rule 4.**
- b. A ~~Special Activity~~ Supplemental Liquidity Deposit of a Member shall form a part of the ~~Actual Deposit~~**actual deposit** of the Member to the Clearing Fund but shall be in addition to, and separate from, (i) the Required Fund Deposit of the Member and (ii) any other deposit of the Member to the Clearing Fund.
- c. A ~~Special Activity~~ Supplemental Liquidity Deposit of a Member (i) may be invested, paid, applied and loaned as provided in Section 2 of Rule 4 and (ii) may be used to satisfy a loss or liability as provided in Sections ~~3~~ **or 13** of Rule 4.
- d. A ~~Special Activity~~ Supplemental Liquidity Deposit of a Member may not be used to calculate or be applied to satisfy any *pro rata* charge pursuant to Section 4 of Rule 4.

SEC. ~~14.~~ 13. *Information.* To enable ~~Members~~**Supplemental Liquidity Providers** to understand and manage their obligations to the Corporation:

- a. ~~On~~ **on** each Business Day, the Corporation shall make available to each ~~Member~~**Supplemental Liquidity Provider** the amount of the ~~liquidity need~~**Daily Liquidity Need** that the Corporation would have had in the event of the default of such Member on the preceding Business Day; ~~and~~
- b. ~~promptly after each Special Activity Calculation Date, the Corporation shall provide each Special Activity Liquidity Provider with the amount of its Special Activity Liquidity Obligation for the following Options Expiration Activity Period.~~