編號 Ref. No.: LSD/029/2021

日期 Date: 21/04/2021

香港場外結算有限公司 (香港交易及結算所有限公司附屬公司)

OTC CLEARING HONG KONG LIMITED (A subsidiary of Hong Kong Exchanges and Clearing Limited)

通告 CIRCULAR

Subject:	Amendments to the Clearing Rules and Clearing Procedures of OTC Clearing Hong
	Kong Limited ("OTC Clear")

Enquiry: Clearing Operation team Hotline 2211 6508 / Email: OTC_Operations@hkex.com.hk

Clearing Members of OTC Clear are requested to note that the Securities and Futures Commission has approved amendments to the Clearing Rules and the Clearing Procedures of OTC Clear for the purpose of supporting the proposed functional changes introduced by the upgrade of the OTC Clearing and Settlement System.

The amendments, as set out in Appendices 1 and 2, will come into effect on Monday, 26 April 2021.

The marked-up version of the amendments can be downloaded from the following sections of the HKEX website:

- "Rule Update OTC Clear Clearing Rules"
- "Rule Update OTC Clear Clearing Procedures"

Florence Leung Head of Legal

Appendix 1



OTC Clear Clearing Rules

PART I GENERAL PROVISIONS

Chapter 1 Definitions and Interpretation

Definitions

101. In these Clearing Rules, unless the context otherwise requires:

"Lower Bidder"	means, with respect to an Auction Portfolio, any Bidder, other than any Better Bidder, Equal Bidder or Successful Bidder, who has submitted a Bid the value of which is equal to or greater than (1) the value of the Successful Bid less (2) the value determined by OTC Clear to be the riskiness of such Auction Portfolio, calculated by reference to the hypothetical Initial Margin of such Auction Portfolio determined by OTC Clear in its sole and absolute discretion as at the latest practicable time before the commencement of the Auction for such Auction Portfolio assuming that the Contracts forming part of such Auction Portfolio were all booked into a single separate hypothetical position account;
"Poor Bidder"	means, with respect to an Auction Portfolio, any Bidder who submitted a Bid the value of which is lower than (1) the value of the Successful Bid less (2) the value determined by OTC Clear to be the riskiness of such Auction Portfolio, calculated by reference to the hypothetical Initial Margin of such Auction Portfolio determined by OTC Clear in its sole and absolute discretion as at the latest practicable time before the commencement of the Auction for such Auction Portfolio assuming that the Contracts forming part of such Auction Portfolio were all booked into a single separate hypothetical position account;

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PART IV RISK MANAGEMENT AND DEFAULT PROCEDURES

Chapter 12 Margin

Position Limits and Notional Exchange Risk Limits

- 1223. If a Clearing Member exceeds any Position Limits or Notional Exchange Risk Limits imposed, that Clearing Member must immediately notify OTC Clear and take appropriate steps to ensure that, within such period as OTC Clear may specify, it is in compliance with such Position Limits or Notional Exchange Risk Limits, as the case may be. In addition, OTC Clear may, at its discretion:
 - require a Clearing Member to enter into risk-reducing Contracts, including, without limitation, the measures described in section 3.20 of the Clearing Procedures with respect to any exceedance of a Notional Exchange Risk Limit;
 - (2) demand such Additional Margin as OTC Clear in its discretion determines including, without limitation, Additional Margin be provided in specific settlement currency(ies) with respect to any exceedance of a Notional Exchange Risk Limit; and/or
 - (3) take such other action as OTC Clear in its discretion determines.

As further described in section 4.6.1 of the Clearing Procedures, OTC Clear will not register any Original Transactions submitted by a Clearing Member (or by a Designated Person on its behalf) if registration of any such Original Transactions will result in a breach of any Position Limits applicable to such Clearing Member.

Chapter 13 Default Procedures

Calculations of Net Payment following a Clearing Member Event of Default

- 1309. OTC Clear will determine the Client Entitlement in respect of each Non-Porting Client in accordance with the following:
 - (1) the Client Entitlement relating to each Client Clearing Category 1 Position Account to which Contracts relating to a Non-Porting Client are recorded shall be an amount equal to (i) the Non-Porting Client Credit in respect of such Client Position Account to which Contracts relating to such Non-Porting Client is recorded (if any) as determined in accordance with Clearing Rule 1306A or (ii) (following the occurrence of a Rates and FX Clearing Termination Event) the Limited Recourse Applicable Percentage of the Limited Recourse CM Receivable in respect of such Client Position Account as determined in accordance with Clearing Rule 1538.
 - (1A) the Client Entitlement relating to each Client Clearing Category 2 Position Account to which Contracts relating to a Non-Porting Client are recorded shall be the greater of zero and an amount equal to the product of:
 - (a) the hypothetical Initial Margin with respect to the Affected Contracts of such Non-Porting Client (calculated on a portfolio margining basis assuming that all Affected Contracts of such Non-Porting Client were booked into a single separate hypothetical position account assigned

solely to such Non-Porting Client) divided by the aggregate of the hypothetical Initial Margin with respect to the Affected Contracts relating to all Non-Porting Clients of such Client Clearing Category 2 Position Account (each such hypothetical Initial Margin for each individual Non-Porting Client being calculated on a portfolio margining basis assuming that the Affected Contracts of each individual Non-Porting Client were booked into a single separate hypothetical position account assigned solely to such individual Non-Porting Client), in each case, such Initial Margin being calculated by OTC Clear in its sole and absolute discretion as at the latest practicable time immediately preceding the occurrence of the relevant DMP Event; and

- (b) (i) the Non-Porting Client Credit in respect of such Client Position Account to which Contracts relating to such Non-Porting Clients are recorded (if any) as determined in accordance with Clearing Rule 1306A or (ii) (following the occurrence of a Rates and FX Clearing Termination Event) the Limited Recourse Applicable Percentage of the Limited Recourse CM Receivable in respect of such Client Position Account as determined in accordance with Clearing Rule 1538.
- (2) OTC Clear will make any determination pursuant to Clearing Rules 1308A and 1309 using its own records based on the information provided to it by the Defaulting Clearing Member. OTC Clear shall be entitled to rely on such records without conducting any independent verification in respect of the same. Notwithstanding the immediately foregoing, OTC Clear may, in its absolute discretion (i) adjust such records to reflect any factors reasonably taken into consideration when performing such valuation and/or (ii) withhold delivery of any Client Entitlement until such time as the Defaulting Clearing Member or its representative provides to OTC Clear any information requested by OTC Clear.
- (3) Following the calculation of a Client Entitlement, where the relevant Client instructs OTC Clear to pay an amount to it equal to the Client Entitlement due to be returned in respect of it to the Defaulting Clearing Member, then subject to entering into relevant documentation between OTC Clear and the relevant Client (which may, without limitation, include an indemnity (secured or otherwise) to OTC Clear in respect of any loss or liability arising from the legal invalidity of any payment of the Client Entitlement to the Client), OTC Clear shall determine in its sole and absolute discretion, the period of time during which it will give effect to instructions received from its Client pursuant to Clearing Rule 1309(3) and, within such period of time, pay the Client Entitlement directly to the Client instead of returning the same to the Defaulting Clearing Member.

If the relevant Client fails to enter into relevant documentation with OTC Clear and/or, if applicable, provide OTC Clear with appropriate documentation, each as required under this Clearing Rule 1309(3), OTC Clear shall reserve the right to withhold the delivery of any Client Entitlement until such time such relevant documentation has been properly entered into with OTC Clear and/or, if applicable, such appropriate documentation has been properly provided to OTC Clear.

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- 1309A. OTC Clear will determine the Client Entitlement in respect of each Porting Client in accordance with the following:
 - (1) if the relevant DMP Event with respect to the Defaulting Clearing Member is not an Automatic Early Termination Event:
 - (a) the Client Entitlement relating to each Client Clearing Category 1 Position Account to which Contracts (including, for the avoidance of doubt, any Non-Porting Contracts) relating to a Porting Client are (or, immediately prior to the relevant scheduled Termination Date or Settlement Date, as the case may be, were) recorded shall be the aggregate of all amounts that have become due and payable by OTC Clear to the Defaulting Clearing Member on or after the date the relevant DMP Event in respect of any Contracts (including, for the avoidance of doubt, any Non-Porting Contracts) recorded in the relevant Client Position Account which have not already been paid (without prejudice to, and after giving effect to, any rights of set-off, netting and/or currency conversion under the Clearing Rules); and
 - (b) the Client Entitlement relating to each Client Clearing Category 2 Position Account to which Contracts (including, for the avoidance of doubt, any Non-Porting Contracts) relating to a Porting Client are (or, immediately prior to the relevant scheduled Termination Date or Settlement Date, as the case may be, were) recorded shall be the greater of zero and an amount equal to the product of:
 - (i) an amount equal to:
 - (A) the hypothetical net amount payable by OTC Clear to the Defaulting Clearing Member in respect of all amounts that have become due and payable by OTC Clear to the Defaulting Clearing Member or by the Defaulting Clearing Member to OTC Clear, in each case on or after the date the relevant DMP Event occurs in respect of any Contracts (including, for the avoidance of doubt, any Non-Porting Contracts) relating to such Porting Client recorded in the relevant Client Position Account which have not already been paid (calculated on a hypothetical basis after giving effect to any rights of set-off or netting under the Clearing Rules and after converting any amounts denominated in other currencies into the Base Currency at such rate prevailing at the time of the calculation as OTC Clear shall reasonably select) (to the extent such hypothetical net sum is a positive number, such amount a "Porting Client Hypothetical Net Receivable"); divided by
 - (B) the sum of all Porting Client Hypothetical Net Receivables for each of the Porting Clients sharing the relevant Client Clearing Category 2 Position Account; and
 - (ii) the aggregate of all amounts that have become due and payable by OTC Clear to the Defaulting Clearing Member on or after the date

the relevant DMP Event occurs in respect of any Contracts (including, for the avoidance of doubt, any Non-Porting Contracts) recorded in the relevant Client Position Account which have not already been paid (without prejudice to, and after giving effect to, any rights of set-off, netting and/or currency conversion under the Clearing Rules).

- (1A) if the relevant DMP Event with respect to the Defaulting Clearing Member is an Automatic Early Termination Event:
 - the Client Entitlement relating to relating to a Porting Client which is a Client Clearing Category 1 Client shall be the positive net sum (if any) determined in accordance with Clearing Rule 1703(1A)(a)(ii) in respect of that Porting Client; and
 - (b) the Client Entitlement relating to a Porting Client which is a Client Clearing Category 2 Client shall be the greater of zero and an amount equal to the product of:
 - (i) the hypothetical Initial Margin with respect to the Non-Porting AET Contracts of such Porting Client (calculated on a portfolio margining basis assuming that all Non-Porting AET Contracts of such Porting Client had not terminated and were booked into a single separate hypothetical position account assigned solely to such Porting Client) divided by the aggregate of the hypothetical Initial Margin with respect to the Non-Porting AET Contracts relating to all Porting Clients of the relevant Client Clearing Category 2 Position Account (each such hypothetical Initial Margin for each individual Porting Client being calculated on a portfolio margining basis assuming that the Non-Porting AET Contracts of each individual Porting Client were not terminated and were booked into a single separate hypothetical position account assigned solely to such individual Porting Client), in each case, such Initial Margin being calculated by OTC Clear in its sole and absolute discretion as at the latest practicable time immediately preceding the occurrence of the relevant DMP Event; and
 - (ii) the positive net sum (if any) determined in accordance with Clearing Rule 1704(1A)(a)(ii) in respect of the relevant Client Clearing Category 2 Position Account.
- (2) OTC Clear will make any determination pursuant to Clearing Rules 1308B and 1309A using its own records based on the information provided to it by the Defaulting Clearing Member. OTC Clear shall be entitled to rely on such records without conducting any independent verification in respect of the same. Notwithstanding the immediately foregoing, OTC Clear may, in its absolute discretion (i) adjust such records to reflect any factors reasonably taken into consideration when performing such valuation and/or (ii) withhold delivery of any Client Entitlement until such time as the Defaulting Clearing Member or its representative provides to OTC Clear any information requested by OTC Clear.

(3) Following the calculation of a Client Entitlement, where the relevant Client instructs OTC Clear to pay an amount to it equal to the Client Entitlement due to be returned in respect of it to the Defaulting Clearing Member, then subject to entering into relevant documentation between OTC Clear and the relevant Client (which may, without limitation, include an indemnity (secured or otherwise) to OTC Clear in respect of any loss or liability arising from the legal invalidity of any payment of the Client Entitlement to the Client), OTC Clear shall determine in its sole and absolute discretion, the period of time during which it will give effect to instructions received from its Client pursuant to Clearing Rule 1309A(3) and, within such period of time, pay the Client Entitlement directly to the Client instead of returning the same to the Defaulting Clearing Member.

If the relevant Client fails to enter into relevant documentation with OTC Clear and/or, if applicable, provide OTC Clear with appropriate documentation, each as required under this Clearing Rule 1309A(3), OTC Clear shall reserve the right to withhold the delivery of any Client Entitlement until such time such relevant documentation has been properly entered into with OTC Clear and/or, if applicable, such appropriate documentation has been properly provided to OTC Clear.

Chapter 15 Rates and FX Guarantee Resources

Reduction of Losses on a DMP Event and Application of the Rates and FX Guarantee Resources

- 1516. OTC Clear shall be entitled to apply its resources, in any manner or order including for the avoidance of doubt in an order which is different from the order described hereunder, for satisfaction of the Rates and FX Loss during a Default Management Process invoked as a result of the occurrence of a DMP Event with respect to a Defaulting Clearing Member, provided that upon completion of a successful Auction or the occurrence of a Contract Termination Event (as applicable) in respect of all Auction Portfolios relating to such DMP Event, it shall perform the loss allocation process set out below:
 - (1) OTC Clear shall first determine the General Losses suffered by it as a result of the DMP Event and the extent to which there are any Unpaid Amounts due from such Defaulting Clearing Member to OTC Clear in respect of Contracts recorded in such Defaulting Clearing Member's House Position Account, and reduce or bear such General Losses and Unpaid Amounts by application of the following resources in descending order as follows:
 - (a) first, the aggregate of (i) all Auction Payments (if any) received by OTC Clear with respect to one or more House Auction Portfolios constructed as a result of such DMP Event, (ii) any Unpaid Amounts due from OTC Clear to such Defaulting Clearing Member in respect of Contracts recorded in such Defaulting Clearing Member's House Position Account, (iii) the Unsettled VM Amount in respect of the Auction Contracts and/or Auction Failed Positions comprised in House Auction Portfolio(s) (to the extent that such Unsettled VM Amount is payable by OTC Clear to the relevant Defaulting Clearing Member) (if any), (iv) the Margin Balance recorded to the House Collateral Account, any income and redemption proceeds on

any non-cash Collateral recorded to the House Collateral Account and any proceeds of realization of any such non-cash Collateral that have not already been paid to or withdrawn by the Defaulting Clearing Member and (v) the aggregate Contract Termination Net Payments payable by Non-Defaulting Clearing Members to OTC Clear as a result of a Contract Termination Event;

- (b) second, the Rates and FX Contribution Balance of the Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1548);
- (c) third, the OTC Clear First Contribution;
- (d) fourth, the aggregate value of the Rates and FX Contribution Balance in respect of the CM Funded Contribution Amount of each Non-Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1517);
- (e) fifth, the OTC Clear Second Contribution; and
- (f) sixth, the aggregate value of the Rates and FX Contribution Balance in respect of the CM Unfunded Contribution Amount of each Non-Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1517);
- (2) To the extent that there are any Unpaid Amounts due from such Defaulting Clearing Member to OTC Clear in respect of Contracts recorded in such Defaulting Clearing Member's Client Position Account(s), OTC Clear shall reduce or bear each such Unpaid Amounts by application of the following resources in descending order as follows. In respect of such Unpaid Amounts due in respect of a Client Position Account:
 - (a) first, the aggregate of (i) all Auction Payments (if any) received by OTC Clear with respect to one or more Client Auction Portfolios constructed as a result of such DMP Event which relate to such Client Position Account, (ii) any Unpaid Amounts due from OTC Clear to such Defaulting Clearing Member in respect of Contracts recorded in such Client Position Account, (iii) the Unsettled VM Amount in respect of the Auction Contracts and/or Auction Failed Positions comprised in Client Auction Portfolio(s) which relate to Contracts recorded in such Client Position Account (to the extent that such net amount is payable by OTC Clear to the relevant Defaulting Clearing Member) (if any), (iv) the Margin Balance recorded to the Client Collateral Account attributed to such Client Position Account, (v) any income and redemption proceeds on any non-cash Collateral recorded to the Client Collateral Account attributed to such Client Position Account and any proceeds of realization of any such non-cash Collateral that have not already been paid to or withdrawn by the Defaulting Clearing Member and (vi) the aggregate Contract Termination Net Payments payable by Non-Defaulting Clearing Members to OTC Clear as a result of a Contract Termination Event relating to Contracts recorded in such Client Position Account;

- (b) second, the Rates and FX Contribution Balance of the Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1548);
- (c) third, the OTC Clear First Contribution;
- (d) fourth, the aggregate value of the Rates and FX Contribution Balance in respect of the CM Funded Contribution Amount of each Non-Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1517);
- (e) fifth, the OTC Clear Second Contribution; and
- (f) sixth, the aggregate value of the Rates and FX Contribution Balance in respect of the CM Unfunded Contribution Amount of each Non-Defaulting Clearing Member (by application in the manner set out in Clearing Rule 1517);
- (3) for the purposes of sub-paragraph (2)(a) above, the amount of Auction Payments in the form of risk concessions that shall be treated as "relating to" a Client Position Account shall be an amount equal to the product of:
 - (A) with respect to an Auction Portfolio, the hypothetical Initial Margin with respect to the Contracts of that Client Position Account comprised in the relevant Auction Portfolio (calculated on a portfolio margining basis assuming that such Contracts were booked into a single separate hypothetical Client Position Account) divided by the aggregate of the hypothetical Initial Margin of all Client Position Accounts comprised in such Auction Portfolio (where such Auction Portfolio comprises Contracts originally booked to more than one Client Position Account, but the entire Client Position Account is not comprised in such Auction Portfolio, the hypothetical Initial Margin for each such partial Client Position Account shall be calculated on a portfolio margining basis disregarding the fact that such Client Position Account is not whole; for the avoidance of doubt, where such Auction Portfolio comprises Contracts originally booked to more than one Client Position Account and each entire Client Position Account is comprised in such Auction Portfolio, the Initial Margin of such Client Position Accounts shall be aggregated), in each case, such Initial Margin being calculated by OTC Clear in its sole and absolute discretion as at the latest practicable time immediately preceding the occurrence of the relevant DMP Event; and
 - (B) the amount of Auction Payments in the form of risk concessions relating to the relevant Auction Portfolio referred to in sub-paragraph (3)(A) above; and
- (4) upon completion of the process described in sub-paragraphs (1) and (2) above, OTC Clear shall determine the Auction Losses or Contract Termination Losses with respect to each Auction Portfolio constructed as a result of the DMP Event, and shall reduce or bear such losses in accordance with Clearing Rules 1914 to 1916, and

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with respect to each DMP Event, the aggregate value of the resources described in sub-paragraphs (1)(a) to (1)(f) and (2)(a) to (2)(f) above is the "**Total Available Resources**" with respect to such DMP Event. The Total Available Resources, together with any Gainer VM Flow Adjustment and/or Voluntary Recap Amount received by OTC Clear pursuant to Clearing Rules 1524(2) and 1542, respectively, shall be the sole source of funds for satisfaction of the Rates and FX Loss arising out of the relevant DMP Event.

PART V DEFAULT MANAGEMENT PROCESS

Chapter 17 Porting

Porting

- 1706. It is the obligation of a Clearing Member to duly advise and inform its Clients that:
 - (1) if no Replacement Clearing Member has been appointed (or, in the case of a Client Clearing Category 2 Position Account, if all of the Clients identified as sharing such Client Clearing Category 2 Position Account have not appointed the same Replacement Clearing Member or if that Replacement Clearing Member does not accept porting of all of the Clients identified as sharing such Client Clearing Category 2 Position Account), then following designation of such Clearing Member as a Defaulting Clearing Member, any Affected Contracts registered in the name of such Clearing Member will not be ported; and
 - (2) if a Replacement Clearing Member has been appointed in respect of all Affected Contracts registered in the name of such Clearing Member in respect of a Client Position Account, subsequent to such Clearing Member becoming a Defaulting Clearing Member, whilst OTC Clear will, in accordance with Clearing Rule 1703, arrange for all such Affected Contracts to be ported, whether or not such Affected Contracts will be successfully ported is dependant on whether the Replacement Clearing Member will accept the porting of all such Affected Contracts, or, in the case of a Client Clearing Category 2 Position Account, whether all of the Clients identified as sharing such Client Clearing Category 2 Position Account have appointed the same Replacement Clearing Member or whether the Replacement Clearing Member will accept porting of all of the Clients identified as sharing such Client Clearing Category 2 Position Account. OTC Clear may deem the purported porting of any Affected Contract to the relevant Replacement Clearing Member as having failed if such porting cannot be completed for any reason on or before 19:00 hours Hong Kong Time on the second OTC Clear Clearing Day following the occurrence of such DMP Event. Any Affected Contract that has not been successfully ported will form part of the Auction Book.

OTC Clear shall not have any liability including, but not limited to, any civil liability, whether arising in contract, tort, defamation, equity or otherwise for any Damage suffered or incurred directly or indirectly by a Client or any other Person as a result of a failure to port an Affected Contract registered in the name of the Defaulting Clearing Member.

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Chapter 19 Auction

Loss Allocation

- 1914. Upon completion of a successful Auction or the occurrence of a Contract Termination Event (as applicable) with respect to all Auction Portfolios constructed as a result of the occurrence of a DMP Event with respect to the Defaulting Clearing Member, and provided that the process described in Clearing Rules 1516(1) and 1516(2) is completed, OTC Clear, in consultation with the Default Management Group, will perform the following loss allocation process with respect to each such Auction Portfolio:
 - (1) first:
 - (a) the Initial House Resources allocated to a House Auction Portfolio pursuant to Rule 1913A will be applied towards the Auction Losses or Contract Termination Losses relating to such House Auction Portfolio provided that:
 - (A) to the extent that the Initial House Resources allocated to such House Auction Portfolio exceed the Auction Losses or Contract Termination Losses relating to such Auction Portfolio, such excess shall be applied to satisfy any Auction Losses or Contract Termination Losses relating to other House Auction Portfolio(s) constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member, if any, on a pro-rata basis by reference to the amount of such remaining Auction Losses or Contract Termination Losses;
 - (B) to the extent that there are (i) any excess Initial House Resources of a Defaulting Clearing Member subsequent to the application of the same pursuant to sub-paragraph (A) above and (ii) any Auction Losses or Contract Termination Losses relating to Client Auction Portfolio(s) constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member after the application of the relevant Initial House Resources pursuant to subparagraph 1914(1)(b)(A) below, such excess Initial House Resources shall be applied to satisfy such Auction Losses or Contract Termination Losses relating to the Client Auction Portfolio(s) on a pro-rata basis by reference to the amount of such remaining Auction Losses or Contract Termination Losses; and
 - (C) to the extent that there is any excess DCM Margin of a Defaulting Clearing Member subsequent to the application of the same pursuant to sub-paragraph (A) and (B) above, such excess DCM Margin shall constitute Excess Margin of such Defaulting Clearing Member pursuant to Clearing Rule 1218;

For the avoidance of doubt, the Initial House Resources of a Defaulting Clearing Member shall not be applied towards any Auction Losses or Contract Termination Losses relating to Auction Portfolio(s) constructed as a result of the occurrence of a DMP Event with respect to any other Defaulting Clearing Member;

- (b) the Initial Non-Porting Client Resources allocated to a Client Auction Portfolio pursuant to Clearing Rule 1913B will be applied towards the Auction Losses or Contract Termination Losses relating to such Client Auction Portfolio to the extent that such Auction Losses or Contract Termination Losses relate to the Client Position Account to which the Unsettled VM Amount or Unpaid Amount relates, or in the case of Non-Porting Client Margin, the Client Position Account attributed to the Client Collateral Account in which such Non-Porting Client Margin is recorded, provided that:
 - (A) subsequent to that application process, to the extent that there are any Initial Non-Porting Client Resources allocated to such Client Auction Portfolio pursuant to Clearing Rule 1913B which are not applied to the Auction Losses or Contract Termination Losses relating to such Auction Portfolio, such excess shall be applied to satisfy any Auction Losses or Contract Termination Losses relating to other Client Auction Portfolio(s) constructed as a result of the occurrence of a DMP Event in respect of the same corresponding Client Position Account(s), if any, on a pro-rata basis by reference to the amount of such remaining Auction Losses or Contract Termination Losses (to the extent that such remaining Auction Losses or Contract Termination Losses relate to the Client Position Account to which the Unsettled VM Amount or Unpaid Amount relates, or in the case of Non-Porting Client Margin, the Client Position Account attributed to the Client Collateral Account in which such excess Non-Porting Client Margin is recorded); and
 - (B) to the extent that there are any excess Initial Non-Porting Client Resources subsequent to the application of the same pursuant to sub-paragraph (A) above, such excess Initial Non-Porting Client Resources would form part of the Non-Porting Client Credit and, hence, the Client Entitlement of the relevant Client(s);

For the avoidance of doubt, any excess Initial Non-Porting Client Resources shall only form part of the Client Entitlement of the Client(s) to which such Initial Non-Porting Client Resources relate and shall not form part of the Client Entitlement of other Client(s);

- (c) for the purposes of sub-paragraph (b)(A) above and Clearing Rule 1307, the amount of Auction Losses or Contract Termination Losses in the form of hedging costs or risk premia that shall be treated as "relating to" a Client Position Account shall be an amount equal to the product of:
 - (A) with respect to an Auction Portfolio, the hypothetical Initial Margin with respect to the Contracts of that Client Position Account comprised in the relevant Auction Portfolio (calculated on a

portfolio margining basis assuming that such Contracts were booked into a single separate hypothetical Client Position Account) divided by the aggregate of the hypothetical Initial Margin of all Client Position Accounts comprised in such Auction Portfolio (where such Auction Portfolio comprises Contracts originally booked to more than one Client Position Account, but the entire Client Position Account is not comprised in such Auction Portfolio, the hypothetical Initial Margin for each such partial Client Position Account shall be calculated on a portfolio margining basis disregarding the fact that such Client Position Account is not whole; for the avoidance of doubt, where such Auction Portfolio comprises Contracts originally booked to more than one Client Position Account and each entire Client Position Account is comprised in such Auction Portfolio, the Initial Margin of such Client Position Accounts shall be aggregated), in each case, such Initial Margin being calculated as at the latest practicable time immediately preceding the occurrence of the relevant DMP Event as determined by OTC Clear in its sole and absolute discretion (the "Hypothetical IM Percentage"); and

- (B) the amount of Auction Losses or Contract Termination Losses in the form of hedging costs and risk premia relating to the relevant Auction Portfolio referred to in sub-paragraph (c)(A) above;
- (d) for the purposes of sub-paragraph (b)(A) above and Clearing Rule 1307, the amount of Auction Payments or Contract Termination Net Payments in the form of risk concessions that shall be treated as "relating to" a Client Position Account shall be an amount equal to the product of:
 - (A) with respect to an Auction Portfolio, the Hypothetical IM Percentage for that Client Position Account calculated pursuant to sub-paragraph (c)(A) above; and
 - (B) the amount of Auction Payments in the form of risk concessions relating to the relevant Auction Portfolio referred to in subparagraph (d)(A) above;

For the avoidance of doubt, the process in this sub-paragraph (b) shall be repeated until all the Auction Losses or Contract Termination Losses relating to such Client Auction Portfolio have been applied to the Client Collateral Account(s) comprising the Initial Non-Porting Client Resources allocated to such Client Auction Portfolio pursuant to Clearing Rule 1913B.

(2) second, having utilized the Initial House Resources of the Defaulting Clearing Member in full, any remaining Auction Losses or Contract Termination Losses arising from such Auction Portfolio and attributable to such Defaulting Clearing Member will be satisfied using the RAP of the Rates and FX Contribution Balance of the Defaulting Clearing Member allocated to such Auction Portfolio pursuant to Rule 1913A or 1913B, as the case may be. In the event there is a DCM GF Surplus relating to an Auction Portfolio, such DCM GF Surplus will be applied

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towards any DCM GF Shortfall relating to other Auction Portfolios (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member), on a pro-rata basis among all such Auction Portfolios by reference to the amount of such DCM GF Shortfall, until the earlier to occur of:

- (a) the satisfaction in full of the Auction Losses or Contract Termination Losses with respect to all such Auction Portfolios; and
- (b) the utilization of the DCM GF in full.

The above shall be without prejudice to the operation of Clearing Rule 1916.

- (3) third, subsequent to the utilization of the Rates and FX Contribution Balance of the Defaulting Clearing Member in full (or, in the occurrence of multiple DMP Events within the same Capped Liability Period, taking into account the operation of Clearing Rule 1916, the utilization of the Rates and FX Contribution Balance of all Defaulting Clearing Members with respect to whom a DMP Event has occurred during the relevant Capped Liability Period), OTC Clear will satisfy the Auction Losses or Contract Termination Losses arising from such Auction Portfolio using the relevant proportion of the OTC Clear First Contribution allocated to such Auction Portfolio pursuant to Rule 1913A or 1913B, as the case may be. To the extent that the relevant proportion of the OTC Clear First Contribution allocated to such Auction Portfolio exceeds the Auction Losses or Contract Termination Losses relating to such Auction Portfolio, such excess shall be applied towards the Auction Losses or Contract Termination Losses relating to other Auction Portfolios (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member) on a pro-rata basis by reference to the amount of such remaining Auction Losses or Contract Termination Losses, until the earlier to occur of:
 - (a) the satisfaction in full of the Auction Losses or Contract Termination Losses with respect to all such Auction Portfolios; and
 - (b) utilization of the OTC Clear First Contribution in full;
- (4) subsequent to the utilization of the OTC Clear First Contribution in full, with respect to each Auction Portfolio (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member) with remaining Auction Losses or Contract Termination Losses, OTC Clear will (i) in the case of Contract Termination Losses, apply the NDCM GF towards such Contract Termination Losses or (ii) in the case of Auction Losses, apply the relevant proportion of the NDCM GF in the following order:
 - (a) first, the relevant proportion of the Rates and FX Guarantee Fund of each Non-Bidder and Poor Bidder will be applied (the "Junior Tranche");
 - (b) second, the relevant proportion of the Rates and FX Guarantee Fund of each Lower Bidder will be applied (the "**Middle Tranche**"); and
 - (c) third, the relevant proportion of the Rates and FX Guarantee Fund of each Successful Bidder, Equal Bidder, Better Bidder and No Position NDCM will

be applied (the **"Senior Tranche**", and together with the Junior Tranche and Middle Tranche, the **"Tranches**" and each a **"Tranche**"),

in each case, the relevant proportion of the Rates and FX Guarantee Fund of each Bidder will be applied on a pro-rata basis among each other Bidder within the same Tranche.

The methodology described in item (ii) above shall be referred to as the "Tranching Methodology".

In the event that there is an NDCM GF Shortfall relating to an Auction Portfolio, any NDCM GF Surplus relating to other Auction Portfolios (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member) will be applied towards such NDCM GF Shortfall (in the case of Auction Losses, in accordance with the Tranching Methodology for the Auction Portfolio to which that NDCM GF Surplus relates), on a pro-rata basis among all other Auction Portfolios (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member) with an NDCM GF Shortfall by reference to the amount of such NDCM GF Shortfall, until the earlier to occur of:

- (A) the satisfaction in full of the Auction Losses and Contract Termination Losses with respect to all such Auction Portfolios; and
- (B) utilization of the NDCM GF in full;
- (5) subsequent to the utilization of the NDCM GF in full, with respect to each Auction Portfolio with remaining Auction Losses or Contract Termination Losses, OTC Clear will satisfy such Auction Losses or Contract Termination Losses using the relevant proportion of the OTC Clear Second Contribution allocated to such Auction Portfolio pursuant to Rule 1913A or 1913B, as the case may be. To the extent that the relevant proportion of the OTC Clear Second Contribution allocated to such Auction Portfolio exceeds the Auction Losses or Contract Termination Losses relating to such Auction Portfolio, such excess shall be applied towards the Auction Losses or Contract Termination Losses relating to other Auction Portfolios (constructed as a result of the occurrence of a DMP Event with respect to such Defaulting Clearing Member) on a pro-rata basis by reference to the amount of such remaining Auction Losses or Contract Termination Losses, until the earlier to occur of:
 - (a) the satisfaction in full of the Auction Losses or Contract Termination Losses with respect to all such Auction Portfolios; and
 - (b) utilization of the OTC Clear Second Contribution in full; and
- (6) subsequent to the utilisation of OTC Clear Second Contribution in full, with respect to each Auction Portfolio with remaining Auction Losses or Contract Termination Losses, OTC Clear will apply the relevant proportion of the Rates and FX Assessments of each Non-Defaulting Clearing Member (using, in the case of Auction Losses, the Tranching Methodology as set out in sub-paragraph (4) above and any references to NDCM GF therein shall be construed to mean Rates and FX Assessments).



The loss allocation process set out in this Clearing Rule 1914 shall be conducted in manner consistent with that set out in Clearing Rule 1517.

For the purpose of this Clearing Rule 1914 but without prejudice to the operation of Clearing Rule 1916, with respect to each DMP Event, any reference to a "Non-Defaulting Clearing Member" shall mean any Clearing Member other than the Defaulting Clearing Member with respect to whom such DMP Event has occurred.



OTC Clear Clearing Procedures

Appendix 2

Chapter 3

Rates and FX Clearing Services

3.6 De-registration

3.6.1 De-registration Conditions

A request to de-register a Contract will only be accepted by OTC Clear if the following conditions are met:

- (i) [Deleted]
- (ii) (a) the relevant Contract has not reached its scheduled Termination Date or Settlement Date, and has not been previously terminated and (b) the de-registration request is made in respect of more than one Contract and is submitted by or on behalf of only one of the two parties to the Original Transaction via an acceptable medium designated by OTC Clear from time to time and notified to Clearing Members via Clearing Notice. OTC Clear will accept such de-registration request only if the request identifies Contracts that (1) are registered to the same Position Account of such Clearing Member, (2) have substantially the same but opposite Economic Terms that offset each other, and (3) are grouped with the same batch ID as indicated in the "OTC Clear Compression Report (Report Number COMP01 and COMP01_C)". For the avoidance of doubt, de-registration of such Contracts will be processed on an all-or-nothing basis. The Margin Process referred to in section 4.6.5 of the Clearing Procedures must be satisfied with respect to the relevant Contracts being de-registered.

3.6.2 Process of De-registration

In respect of de-registration requests which fulfil the conditions set out in section 3.6.1 (ii), the following procedures shall apply:

- prior to submitting the de-registration request to OTC Clear, the Clearing Member shall identify and select the relevant Contracts for de-registration from the "OTC Clear Compression Report (Report Number COMP01 and COMP01_C)" published at or prior to 20:30 hours Hong Kong time on such OTC Clear Clearing Day available to the Clearing Members on the Web Portal;
- (ii) the Clearing Member shall submit a request for de-registration to OTC Clear before 10:30 hours Hong Kong time on an OTC Clear Clearing Day. Any request which is submitted (a) on a day other than an OTC Clear Clearing Day or (b) after 10:30 hours Hong Kong time on such OTC Clear Clearing Day will be rejected;
- (iii) Clearing Members are able to check the status of the de-registration requests through the Web Portal. The relevant information will be updated in "OTC Clear

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Compression Report (Report Number COMP02 and COMP02_C)" available at the Web Portal by 13:30 hours Hong Kong time on each OTC Clear Clearing Day; and

(iv) if such request is approved by OTC Clear, the de-registration request will be processed by OTC Clear on the same day.

If a de-registration request does not satisfy the conditions set out in section 3.6.1, or if it contains any invalid or incomplete trade data, such de-registration request will be rejected and will not go through the "Margin Process" as set out in section 4.6 of these Clearing Procedures. The result will be communicated to Clearing Members via an acceptable medium designated by OTC Clear from time to time and notified to Clearing Members via Clearing Notice but will not be made available to the Clearing Members on the Web Portal.

If a de-registration request satisfies all conditions set out in section 3.6.1 and "Margin Process" as set out in section 4.6 of these Clearing Procedures, such Contracts will be deregistered by OTC Clear. The result will be communicated to Clearing Members via an acceptable medium designated by OTC Clear from time to time and notified to Clearing Members via Clearing Notice but will not be made available to Clearing Members on the Web Portal. In addition, the relevant Contracts submitted for de-registration will be flagged as "DECLEARED" in such "OTC Clear Trade Report (Report Number TDRP01, TDRP02 or TDRP11)" in relation to any House Position Account or "OTC Clear Trade Report for Client (Report Number TDRP01_C, TDRP02_C or TDRP11_C)" in relation to any Client Position Account.

Save and except for the operation of section 3.8.1 and any fees due but unpaid by the relevant Clearing Member to OTC Clear (including the de-registration fee):

- (i) any Contract that has been de-registered shall have no further force or effect thereafter; and
- (ii) the rights and obligations of each of OTC Clear and the relevant Clearing Member under the Contract being de-registered shall be fully relinquished and discharged with effect from the time such Contract is de-registered.

Any de-registered transaction can be submitted for registration again, and subject to the Eligibility Requirements applicable to the relevant transaction.

Cancellation, novation or any other fees which have been agreed between the relevant Clearing Members who are counterparties to the particular Contract in connection with a deregistration request shall not be processed by OTC Clear.

3.17 Porting of Client Contracts and Collateral to a Transferee Clearing Member

3.17.1 Full Portfolio Porting

Requirements

Each full portfolio porting request will only be accepted and processed by OTC Clear if all of the following conditions are satisfied:

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- the Transferee Clearing Member submits to OTC Clear an original completed and signed form for portfolio porting^{*}. The form must indicate whether the Collateral held on behalf of the relevant Client by the Transferor Clearing Member needs to be ported together with the corresponding Contracts;
- (ii) Contracts and Collateral are being ported from a Client Position Account and corresponding Client Collateral Account identified as being held by the relevant Transferor Clearing Member for a particular Client to a Client Position Account and corresponding Client Collateral Account identified as being held by the Transferee Clearing Member for the same Client;
- (iii) details of the particular Client and the Contracts and Collateral identified as being held by the Transferor Clearing Member for such Client as set out in the porting request match OTC Clear's records of such Client's holdings in the relevant Transferor Clearing Member's relevant Client Position Account and corresponding Client Collateral Account;
- (iv) If Collateral is not being ported, the Transferee Clearing Member must ensure that there is sufficient Collateral comprising the Margin Balance of the relevant Client Collateral Account no later than 19:00 hours Hong Kong time on the third OTC Clear Business Day following the submission of the porting request;
- no DMP Event has occurred with respect to the Transferee Clearing Member and the relevant Transferor Clearing Member;
- (vi) the relevant Transferor Clearing Member has consented to the porting;
- (vii) the Transferor Clearing Member and the Transferee Clearing Member submit to OTC Clear an original completed and executed BAU Porting Supplemental Assignment Letter;
- (viii) the Transferee Clearing Member's standard settlement instruction for each relevant Contractual Currency of the Contracts being ported is in place;
- (ix) the Transferee Clearing Member's standard settlement instruction for each relevant Eligible Currency of cash Collateral being ported is in place;
- (x) the Transferee Clearing Member's standard delivery instruction for each relevant non-cash Collateral being ported is in place; and
- (xi) the Transferee Clearing Member's standard settlement instruction for the relevant currency of denomination of the coupon (interest) of each relevant non-cash Collateral is in place.

^{*} Available on request from OTC Clear

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3.18 Porting of Contracts and Collateral amongst Client Accounts of a Clearing Member

3.18.1 Requirements

Each porting request submitted pursuant to section 3.18 will only be accepted and processed by OTC Clear if all of the following conditions are satisfied:

- the Clearing Member submits to OTC Clear an original completed and signed form for portfolio porting between Client Accounts at the same Clearing Member*;
- Contracts and Collateral are being ported from a Client Position Account and corresponding Client Collateral Account identified as being held by the Clearing Member relating to a particular Client to a Client Position Account and corresponding Client Collateral Account identified as being held by the Clearing Member relating to the same Client;
- (iii) details of the particular Client and the Contracts and Collateral identified as being held by the Clearing Member relating to such Client as set out in the porting request match OTC Clear's records of such Client's holdings in the Clearing Member's relevant Client Position Account and corresponding Client Collateral Account;
- (iv) the Clearing Member must ensure that there is sufficient Collateral⁺ comprising the Margin Balance of the relevant Client Collateral Account corresponding to the Client Position Account into which Contracts are being ported no later than 19:00 hours Hong Kong time on the fourth OTC Clear Business Day following the submission of the porting request; and
- (v) no DMP Event has occurred with respect to the Clearing Member.

^{*} Available on request from OTC Clear

⁺ It is likely that the Margin requirements are likely to increase for example where a Client wishes to port Contracts and Collateral from a Client Clearing Category 2 Position Account identified as relating to such Client to a Client Clearing Category 1 Position Account identified as relating to such Client.

Chapter 4

Margin and Valuation

4.6 Margin Process

4.6.2 Margin and Credit Check – Real-Time Novation Process

During the Margin Process Hours on each OTC Clear Clearing Day, but excluding any period specified by OTC Clear, OTC Clear will repeatedly perform "**Real-Time Novation**", which is the process set out in this section 4.6.2.

When an Original Transaction is submitted to OTC Clear for registration, OTC Clear will determine the incremental Margin required to cover such Original Transaction together with the Margin requirements in respect of the Position Account(s) to which such Original Transaction will be recorded (for such purpose, each Client Position Accounts shall be treated separately).

Once the Margin requirement in respect of such Original Transaction and the relevant Position Account(s) is determined, OTC Clear will perform the Position Limits check, and check if the Margin Balance in respect of the relevant Position Account(s) is sufficient to cover the incremental Margin requirement.

If OTC Clear is satisfied that the Margin Balance in respect of the relevant Position Account(s) is sufficient to cover the incremental Margin requirement in respect of each Contract to be created upon registration of such Original Transaction, and provided that the Position Limits of each relevant Position Account(s) would not be breached as a result of the registration of such Original Transaction, OTC Clear will accept for registration such Original Transaction and two Contracts will be created pursuant to Clearing Rule 806.

In respect of each Original Transaction, if OTC Clear determines that either the incremental Margin requirement in respect of each Contract to be created upon registration of such Original Transaction is not satisfied, or the Position Limits of the relevant Position Account(s) would be breached, in each case, as a result of the registration of such Original Transaction, such Original Transaction will be put on "pending" status in the Rates and FX Clearing System. "Pending" Original Transactions as at the end of the Margin Process Hours on an OTC Clear Clearing Day will be rejected by OTC Clear pursuant to section 3.3 of these Clearing Procedures.

4.6.3 [Deleted]

4.6.4 Pending Trades

In respect of any "pending" Original Transactions to be registered in the name of a Clearing Member as Contracts, the Clearing Member will be notified, via the relevant Approved Trade Registration System, or report via the web portal, of the amount of Collateral required from it in order for all such "pending" Original Transactions to satisfy the Margin Process and be registered as Contracts.

4.6.5 Margin Process in respect of a de-registration request and a porting of Client Contracts

- In respect of a de-registration request for a Contract, OTC Clear will process such de-registration request only if, in respect of the Position Account to which the relevant Contract is recorded, subsequent to the de-registration of such Contract:
 - (a) there remains sufficient Margin Balance in the corresponding Collateral Account to satisfy the Margin requirement relating to Contracts remaining in such Position Account; and
 - (b) the Position Limits of such Position Account would not be breached
- (ii) In respect of (a) any porting of Client Contracts following a DMP Event or (b) the porting of Contracts relating to Clients pursuant to Clearing Rule 825, OTC Clear will process such porting request only if:
 - (a) (in the case where not all the Contracts recorded in the same Position Account are to be ported) there is sufficient Margin Balance in the corresponding Collateral Account to satisfy the Margin requirement relating to Contracts remaining in such Position Account;
 - (b) in respect of the Position Account to which the relevant Contract is recorded, subsequent to the porting of such Contract, there is or will be sufficient Margin Balance in the corresponding Collateral Account to satisfy the revised Margin requirement relating to such Position Account; and
 - (c) the Position Limits of the relevant Position Accounts of the Clearing Member, Transferor Clearing Member, the Transferee Clearing Member and/or the Replacement Clearing Member as applicable would not be breached.

Chapter 8

Default Management

8.11 Porting of Affected Contracts and Collateral to a Replacement Clearing Member

OTC Clear will facilitate porting of Affected Contracts in a Client Position Account (and Collateral in its corresponding Client Collateral Account) of a Defaulting Clearing Member if all of the following conditions are satisfied:

- original valid and complete Porting Instructions* are received by 17:00 hours Hong Kong Time on the OTC Clear Clearing Day immediately following the occurrence of the relevant DMP Event;
- (ii) no DMP Event has occurred with respect to the relevant Replacement Clearing Member;
- (iii) in respect of each Client Position Account, the relevant Replacement Clearing Member has consented (in writing) to accepting the porting of all Affected Contracts and Collateral in the corresponding Client Collateral Account by 17:00 hours Hong Kong Time on the OTC Clear Clearing Day immediately following the occurrence of the relevant DMP Event;
- (iv) the relevant Replacement Clearing Member's standard settlement instruction for each relevant Contractual Currency of the Affected Contracts being ported is in place;
- (v) the Replacement Clearing Member's standard settlement instruction for each relevant Eligible Currency of cash Collateral being ported is in place;
- (vi) the Replacement Clearing Member's standard delivery instruction for each relevant non-cash Collateral being ported is in place;
- (vii) the Replacement Clearing Member's standard settlement instruction for the relevant currency of denomination of the coupon (interest) of each relevant non-cash Collateral is in place;
- (viii) the Replacement Clearing Member fulfills its revised Margin requirements and successfully passes its margin and credit checks at 19:00 hours Hong Kong Time on the second OTC Clear Clearing Day following the occurrence of the relevant DMP Event;
- (ix) all amounts that have become due and payable by the relevant Defaulting Clearing Member to OTC Clear in respect of Contracts recorded in the relevant Client Position Account (including, for the avoidance of doubt, any Non-Porting Contracts recorded in that Client Position Account) have been paid or otherwise fully and finally discharged to the satisfaction of OTC Clear; and
- (x) no Rates and FX Clearing Termination Event has occurred.

^{*} Forms are provided to Clearing Members as part of their onboarding process and thereafter are available from OTC Clear upon request.



In respect of each Porting Instruction, each Defaulting Clearing Member and the Replacement Clearing Member named therein are deemed to acknowledge, represent and undertake that:

- (a) they are jointly responsible for the accuracy and completeness of the information contained in such Porting Instruction;
- (b) OTC Clear is entitled to rely conclusively on the instructions and information provided in such Porting Instruction without further enquiry; and
- (c) OTC Clear shall incur no liability for any delay, rejection, loss, cost, claim, action, demand or expense in the processing of such Porting Instruction and in effecting the porting of Affected Contracts and Collateral in reliance on the information contained in such Porting Instruction.

If any information and/or instructions provided by the relevant Client in a Porting Instruction is incomplete, inaccurate or inconsistent with its records, OTC Clear may, in its sole and absolute discretion, reject such Porting Instruction or liaise with the Defaulting Clearing Member and/or the Replacement Clearing Member to rectify the relevant information/instruction.

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