

**Trading Platform Specific General Terms and Conditions of Business  
(English Law) for Clearing of Transactions on Turquoise**

Version of 17 December 2009

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## 1 Scope

- 1.1 These Trading Platform Specific General Terms and Conditions of Business (English Law) (the "**Trading Platform Specific GTCB**") shall form a part of the Contractual Relationship between SIX x-clear Ltd (hereinafter "x-clear") and each x-clear Member who has entered into a Contract for Clearing Services (English Law) with x-clear in relation to Turquoise and shall be read in conjunction with the relevant Contract for Clearing Services (English Law), Pledge Agreements, GTCB and Rules and Regulations. These Trading Platform Specific GTCB amend and supplement the GTCB as it applies to the Clearing of Turquoise Transactions.

## 2 Definitions

- 2.1 In these Trading Platform Specific GTCB, the following words and expressions shall have the following meanings:

"**TSL**" means Turquoise Services Limited, a company incorporated in England registered under the number 06132421 and whose registered office is at 23 Austin Friars London EC2N 2QP;

"**MTF Default Fund**" means the Default Fund established by x-clear for the Clearing of MTF Transactions and applied in the event of an x-clear Member's non-performance or Default or the non-performance or Default of other x-clear Members in respect of MTF Trading Platform(s);

"**Turquoise List of Securities eligible for Clearing**" means those Turquoise Products that are included in the List of Securities eligible for Clearing;

"**Turquoise Member**" means a member of Turquoise or any other Person approved by Turquoise who trades on that platform;

"**Turquoise Product**" means a Trading Platform Product traded on Turquoise;

"**Turquoise Rules**" mean the Trading Platform Rules for Turquoise as in force from time to time;

"**Turquoise**" means the Trading Platform operated by TSL;

"**Turquoise Transaction**" means a Trading Platform Transaction on Turquoise in relation to a Turquoise Product that is included in the Turquoise List of Securities eligible for Clearing;

Other capitalised terms shall have the meanings given to them in the GTCB. References to clauses shall be read as references to the clauses of these Trading Platform Specific GTCB, unless otherwise specified.

### **3 Securities eligible for Clearing**

The Turquoise List of Securities eligible for Clearing shall be maintained by x-clear on its website in a relevant section thereof. X clear may at its discretion decide which Turquoise Products are eligible for Clearing and reserves the right in individual cases, at its discretion, to remove a Turquoise Product from the List of Securities eligible for Clearing whereupon such Turquoise Product shall no longer be eligible for Clearing by x-clear.

### **4 Formation of Single Contracts**

- 4.1 Subject to Clause 6 of the GTCB and Clause 5 below, and in an instance where both the Turquoise Members that are party to a Turquoise Transaction are either x-clear General Clearing Members (GCMs), x-clear Individual Clearing Members (ICMs) or x-clear Non-Clearing Members (NCMs), Single Contracts shall arise between x-clear and each x-clear Member by way of Novation in respect of the Turquoise Product to which the Turquoise Transaction relates. Novation shall occur on the moment that a Turquoise Transaction arises. Where the Single Contract is between x-clear and an x-clear GCM, the x-clear GCM shall be regarded as acting as principal on behalf of the relevant x-clear NCM pursuant to the GCM-NCM Agreement. On the moment of Novation, two Single Contracts shall arise automatically between: (i) x-clear and the Selling x-clear Member where x-clear will assume the role of buyer of the Turquoise Product to which the Turquoise Transaction relates, and (ii) x-clear and the Buying x-clear Member where x-clear will assume the role of seller of the Turquoise Product to which the Turquoise Transaction relates.
- 4.2 Subject to Clause 6 of the GTCB and Clause 5 below, and in an instance where one Turquoise Member that is party to a Turquoise Transaction is an x-clear GCM, x-clear ICM or x-clear NCM and the counterparty to the same Turquoise Transaction, being a Turquoise Member, has elected for a Co-CCP, if any, to act as Central Counterparty (whether by virtue of that Turquoise Member's agreement with a Co-CCP GCM, if any, or otherwise), a Single Contract shall arise between x-clear and the x-clear Member by way of Novation in respect of the Turquoise Product to which the Turquoise Transaction relates. Novation shall occur on the moment that an Inter-CCP Contract arises. An Inter-CCP Contract shall arise between x-clear and the Co-CCP pursuant to and subject to the relevant Link Agreement where x-clear will assume the role of buyer or seller, as applicable, of the Turquoise Product to which the Turquoise Transaction relates. Where the Single Contract is between x-clear and an x-clear GCM, the x-clear GCM shall be regarded as acting as principal on behalf of the relevant x-clear NCM pursuant to the GCM-NCM Agreement. On the moment of Novation a Single Contract shall arise automatically between x-clear and the Selling x-clear Member or Buying x-clear Member, as applicable, where x-clear will assume the role of buyer or seller of the Turquoise Product to which the Turquoise Transaction relates, respectively.
- 4.3 x-clear shall be entitled to rely conclusively and without further enquiry on the accuracy and authenticity of any and all information and data regarding any Turquoise Transaction, Single Contract or Inter-CCP Contract submitted to x-clear by or on behalf of TSL, any provider of Transaction Routing, if any, any Approved Settlement System, any Co-CCP, if any, or the x-clear Member whether or not the x-clear Member or an x-clear NCM has authorised the submission of such information or the details so submitted.

## 5 Cancellation of Single Contracts

5.1 A Single Contract shall automatically be void *ab initio* if:

- (a) the corresponding Turquoise Transaction is cancelled, rejected or avoided in accordance with the Turquoise Rules whether pursuant to a "contra" request or otherwise; or
- (b) the Turquoise Product which is the subject of the corresponding Turquoise Transaction is not included in the Turquoise List of Securities eligible for Clearing.

5.2 x-clear may, at its discretion, (i) elect to avoid any Single Contract (but only on or before the Business Day following the trade date of the Turquoise Transaction) rendering the Single Contract void *ab initio* and (ii) decline to accede to Novation either in relation to a specific Turquoise Product or the x-clear Member, where:

- (a) the membership of the x-clear Member has been suspended by x-clear;
- (b) in the case of an x-clear Member who is a Turquoise Member, the x-clear Member's status as a Turquoise Member has been suspended or terminated by TSL;
- (c) in the case of an x-clear GCM who is not a Turquoise Member, the status as a Turquoise Member of a relevant x-clear NCM with whom the x-clear GCM has in force a GCM-NCM Agreement has been suspended or terminated by TSL;
- (d) the listing of the Turquoise Product in respect of which Clearing is provided has been suspended by a Listing Authority;
- (e) the Turquoise Transaction corresponding to the Single Contract has been cancelled or avoided for any reason (other than in accordance with circumstances falling within clause 5.1(a) above);
- (f) the data submitted to x-clear in relation to the corresponding Turquoise Transaction by the provider of Transaction Routing is not in a format suitable for the provision of Clearing by x-clear or is not accurate;
- (g) the agreement or agreements x-clear has entered into with TSL (in relation to x-clear's provision of Clearing), the Approved Settlement System, or the provider of Transaction Routing, or, if applicable, a Link Agreement with a Co-CCP has or have been terminated or is or are otherwise not in force;
- (h) the Single Contract between x-clear and the x-clear Member representing that leg of the corresponding Turquoise Transaction which is opposite to the leg corresponding to the Single Contract the subject of x-clear's election to avoid has been cancelled pursuant to these Trading Platform Specific GTCB;
- (i) the corresponding Inter-CCP Contract, if applicable, has not been formed in accordance with the Link Agreement or has been cancelled by x-clear or the Co-CCP in accordance with the Link Agreement or otherwise;

- (j) the x-clear Member that is a party to the Single Contract is in Default or a declaration of default has been issued by TSL in respect of the Turquoise Member that is party to the Single Contract or corresponding Turquoise Transaction;
- (k) the Approved Settlement System is not proceeding or has failed to effect Settlement of the Single Contract or corresponding Inter-CCP Contract (if applicable) in accordance with the rules of the Settlement System of otherwise;
- (l) x-clear determines at its discretion following information received from another source that incomplete, erroneous or conflicting details have been submitted in relation to such Single Contract, the corresponding Inter-CCP Contract (if applicable) or Turquoise Transaction, including (without limitation) information received from TSL, a Co-CCP, any other x-clear Member or any Governmental Authority;
- (m) the Single Contract or corresponding Inter-CCP Contract or Turquoise Transaction results or appears to result from a communications or information technology error or problem;
- (n) the Single Contract or the corresponding Inter-CCP Contract or Turquoise Transaction is or appears to be tainted by or connected with fraud, illegality, insider dealing, market abuse, money laundering or any other breach of Applicable Laws;
- (o) the Single Contract or corresponding Inter-CCP Contract or Turquoise Transaction is or appears to be a result of or affected by an Event of Force Majeure;
- (p) the Single Contract or corresponding Inter-CCP Contract or Turquoise Transaction is one which any Governmental Authority, a Co-CCP (if applicable), any Approved Settlement System or TSL requires or requests that x-clear treat as void and x-clear considers, at its discretion, that compliance with such a request would be appropriate;
- (q) x-clear considers at its discretion that, at the time of formation of the Single Contract, the corresponding Inter-CCP Contract (if applicable) or the corresponding Turquoise Transaction, the relevant x-clear Member is not in compliance with its obligations relating to the provision of Margin or Contributions; or
- (r) x-clear reasonably considers at its discretion that the Clearing of the Single Contract or corresponding Inter-CCP Contract (if applicable) would not be appropriate,

and, for the avoidance of doubt, x-clear shall not incur any liability as a result of losses, damages, injuries, delays, costs or expenses incurred or sustained by the x-clear Member by reason of such avoidance of a Single Contract or by x-clear declining to accede to Novation.

- 5.3 The x-clear Member acknowledges that, in accordance with the Link Agreement (if applicable), the Co-CCP may, in certain circumstances (including, without limitation, events relating to market disorder, impossibility of performance and trade emergency) implement measures to cancel concluded Inter-CCP Contracts to which it is a party, by revoking the registration of such Inter-CCP Contracts or otherwise, whether as a result of its suspension or cancellation of the provision of services offered by it as a Central Counterparty in respect of specific Turquoise Products or otherwise. If such Co-CCP implements such measures, x-clear shall be entitled to cancel concluded corresponding Single Contracts to which it is a party or suspend or cancel

Clearing services in respect of the Turquoise Products subject to those measures.

- 5.4 In the event that a Single Contract is cancelled, void or avoided pursuant to Clauses 5.1, 5.2 or 5.3, x-clear and the affected x-clear Member shall immediately be released from any and all rights, liabilities and obligations under the affected Single Contract and all amounts paid pursuant to the putative Single Contract shall be returned by the Buying x-clear Member to x-clear or by x-clear to the Selling x-clear Member, as the case may be, in each case without interest.
- 5.5 x-clear shall promptly notify TSL and the affected x-clear Member of the cancellation or avoiding of any Single Contract pursuant to Clauses 5.1, 5.2 or 5.3.

## **6 Terms of Single Contracts**

- 6.1 Under each Single Contract to which a Buying x-clear Member or a Co-CCP (if applicable and as buyer) is a party the benefits, risks, rights and obligations associated with the Turquoise Product that is the subject of the Single Contract shall pass to the Buying x-clear Member (or the Co-CCP in the capacity of buyer) at the moment that the Single Contract is formed in accordance with these Trading Platform Specific GTCB. Where, in respect of a Turquoise Product, there is an entitlement to receive interest, dividends and any other distributions, such rights (referred to as "Entitlements" for the purposes of this Clause) shall also form part of the Single Contract, provided that the Single Contract is formed before such Entitlement has expired. Where the Single Contract is formed on or after the expiry of an Entitlement, the Entitlement shall not form part of the Single Contract. Where income earned by the Buying x-clear Member (or the Co-CCP, if applicable and as buyer) accrues to the Selling x-clear Member (or the Co-CCP, if applicable and as seller) as a result of late delivery of the Turquoise Product, it shall be a term of the Single Contract that the Selling x-clear Member (or the Co-CCP, if applicable and as seller) is subject to an obligation to transfer the value accruing under the Entitlement to the Buying x-clear Member (or the Co-CCP, if applicable and as buyer).
- 6.2 Settlement of a Single Contract shall take place on the Intended Settlement Date or within such period after formation as is agreed between x-clear and the Approved Settlement System, all as further described in the Clearing Terms.
- 6.3 The Contract Terms constitute the whole agreement between x-clear and the x-clear Member with respect to a Single Contract and supersede any previous arrangement, understanding or agreement between them relating to the subject matter of a Single Contract. The x-clear Member represents and warrants to x-clear that, in entering into each Single Contract, it does not rely on any statement, representation, assurance or warranty of x-clear or any other Person other than as expressly set out in the Contract Terms. The x-clear Member agrees that the only rights and remedies available to it arising out of or in connection with a Single Contract or their subject matter shall be solely in contract (and not in tort or otherwise), in accordance with the Contract Terms. Nothing in this clause shall limit or exclude any liability for fraud, death or personal injury or for any other liability which by law cannot be excluded.
- 6.4 A Single Contract shall be regarded as a "market contract" within the meaning of Section 155 of the Companies Act 1989.

## **7 Collateral**

7.1 As security for its liabilities in respect of Outstanding Contracts, each x-clear Member is required to provide Permissible Collateral by way of:

(a) Initial Margin and Variation Margin, and shall meet Margin calls if x-clear considers the Permissible Collateral provided by the x clear Member to be insufficient; and

(b) Contributions,

and such provision of Permissible Collateral shall be provided in accordance with and subject to the Pledge Agreements.

7.2 Margin shall be provided by the x-clear Member on a consolidated basis taking into account all the Outstanding Contracts of that member on all Trading Platforms or equivalent positions on all other Exchanges and MTFs in respect of which x-clear provides Clearing. The nature, type, scope and parameters of Permissible Collateral, Initial Margin and Variation Margin are set out in and subject to the requirements of the Clearing Terms.

7.3 In the event that the Permissible Collateral provided as cover for Margin is determined by x-clear to be insufficient, either as a result of the decline in the value of the Permissible Collateral or an increase in the liability in respect of the Outstanding Contracts with x-clear or an x-clear Member fails to meet its obligations under this Clause 7, whether in whole or in part, x-clear shall, in accordance with the provisions of the Pledge Agreements, be entitled to make Margin calls and require the x-clear Member to provide additional Permissible Collateral as determined in amount and type by x-clear. Margin calls must be satisfied within 60 minutes of notification to the x-clear Member. x-clear shall be entitled to make Margin calls at any time.

7.4 If a Margin call is not satisfied in accordance with these Trading Platform Specific GTCB, x-clear is entitled to:

(a) suspend the membership of the x-clear Member in accordance with Clause 3 of the GTCB;

(b) treat the x-clear Member as in Default in accordance with Clause 18 of the GTCB; and

(c) realise some or all of the Permissible Collateral provided by the x-clear Member, and set off the Permissible Collateral (as x clear values such Permissible Collateral at its discretion) or proceeds of such realisation of Permissible Collateral against any and all outstanding obligations of the x-clear Member.

7.5 Permissible Collateral in the form of Securities shall be deposited by an x-clear Member in x-clear's money or custody account as further defined in the Clearing Terms.

7.6 x-clear may at its discretion and at any time review and amend the Securities or assets accepted as Permissible Collateral by amendment to the Clearing Terms, provided that any such amendment is in accordance with Clause 3 of the Contract for Clearing Services (English Law). x-clear shall also be entitled at any time to require the x-clear Member to substitute individual Securities with other Securities. If a particular Security is no longer accepted by x-

clear as Permissible Collateral, x-clear shall grant the x-clear Member a period of two Business Days to provide substitute Securities or cash. x-clear shall periodically or otherwise and at its discretion (and as described in accordance with the Clearing Terms) perform a valuation (including applying Haircuts) of the Permissible Collateral provided by an x-clear Member, and shall be entitled to adjust such values at any time with immediate effect in respect of Outstanding Contracts at the time the adjustment is announced and in respect of Single Contracts concluded after such adjustment (or otherwise).

- 7.7 Each x-clear GCM shall procure from its x-clear NCM collateral in the same amount as the Permissible Collateral the x-clear GCM is required to provide to x-clear in respect of that x-clear NCM's outstanding liabilities corresponding to Outstanding Contracts to which the x-clear GCM is a party in accordance with the Contractual Relationship. x-clear shall be entitled, at its discretion, to grant exceptions to this requirement.

## **8 Default Fund for MTF Trading Platform(s)**

- 8.1 Each x-clear Member shall, in addition to the provision of Permissible Collateral provided as Margin, be obliged to make a Contribution to the MTF Default Fund.
- 8.2 Contribution requirements shall be calculated and the constituents of Permissible Collateral relevant to such requirements shall be defined in the Clearing Terms. An x-clear Member shall open the Default Fund Collateral Accounts in its name at SIX SIS for the Permissible Collateral required to be provided by way of Contributions and such accounts shall be pledged to x-clear pursuant to the Pledge Agreement for the Default Funds.
- 8.3 If at any time the total amount provided by way of a Contribution is insufficient to meet the amount required by x-clear as a result of (i) a decline in the value of the pledged Securities or (ii) an increase in the x-clear Member's liability to make a Contribution, the relevant x-clear Member shall be obliged to provide additional Permissible Collateral to meet its Contribution obligations which shall, in the case of (i), be provided within 60 minutes of notification from x-clear, and in the case of (ii), be met within two Business Days of receipt of notification from x-clear, all in accordance with the Clearing Terms.
- 8.4 A Contribution shall be paid promptly in response to a request by x clear, within the time limits specified in Clause 8.3.
- 8.5 x-clear shall be entitled to realise the Permissible Collateral provided as a Contribution and booked to the x-clear Member's Default Fund Collateral Accounts (as defined below, Clause 10) in the event of a drawdown on the Default Fund and to use the proceeds of any realisation to pay any costs incurred in connection therewith (including, without limitation, in respect of any related court proceedings). No notice of realisation is required.
- 8.6 In the event that Margin and Contributions provided by a Defaulting x clear Member are insufficient to meet all the losses and liabilities attributable to that Defaulting x-clear Member, the Contribution provided by each non-Defaulting x-clear Member to the MTF Default Fund shall be realised *pro rata* to such non-Defaulting x-clear Member's share of the total of the Contributions made by all x-clear Members to the MTF Default Fund (less the Contribution made by the

Defaulting x-clear Member) as at the moment of the Default, sufficient to cover the non-Defaulting x-clear Member's *pro rata* share of the shortfall, and the proceeds of such *pro rata* realisation shall be applied to meet (along with the *pro rata* proceeds of all other non-Defaulting x-clear Members' contributions) the losses and liabilities attributable to the Defaulting x-clear Member.

8.7 A drawdown on the MTF Default Fund, whether or not a full or a partial drawdown and whether as a result of a Default or otherwise, shall give rise to an obligation on each x-clear Member to provide additional Permissible Collateral to restore the total amount in the MTF Default Fund prior to the drawdown in an amount not exceeding that x-clear Member's *pro rata* drawn down amount. In the event of a full drawdown on the MTF Default Fund, the x-clear Member shall provide additional Permissible Collateral according to the Pledge Agreement for the Default Funds. The x-clear Member shall provide additional Permissible Collateral pursuant to this Clause 8.7 within five Business Days after a drawdown.

8.8 In the event that:

- (a) Contributions of non-Defaulting x-clear Members have been realised pursuant to Clause 8.6 and excess amounts remain after proceeds arising from the process of Close-out Netting (as defined in Clause 18.5(d) of the GTCB) have been applied to meet liabilities associated with the Defaulting x-clear Member's Outstanding Contracts; or
- (b) a Defaulting x-clear Member makes a Contribution after the Contributions of other x-clear Members have been realised but only in cases where such Contribution by the Defaulting x-clear Member is made pursuant to obligations arising prior to such realisation (hereinafter referred to as a "**Late Contribution**"),

then (subject to x-clear first using any such Late Contribution to meet the losses and liabilities attributable to the Defaulting x-clear Member), x-clear shall compensate the non-Defaulting x-clear Members whose Contributions have been realised from such proceeds of Close-out Netting or Late Contribution *pro rata* up to the maximum amount realised and not exceeding the total of the Contributions made by all x clear Members at the time of the realisation.

## 9 Provisions common to Margin and Contributions

9.1 The x-clear Member will act as principal and not as agent when providing Margin and making Contributions. x-clear will take no account of any right or interest which any Person other than the x clear Member has or may have in connection with any Margin or Contribution. The x-clear Member represents and warrants to x-clear on each date on which the x-clear Member provides Permissible Collateral to x-clear by way of Margin or Contribution and on a continuing basis whilst such Margin or Contribution remains held by or on behalf of x-clear, that:

- (a) the x-clear Member is the sole legal and beneficial owner of all such Permissible Collateral;
- (b) no such Permissible Collateral is subject to any trust, agreement, arrangement or Encumbrance whatsoever; and

- (c) the use or application of Securities as Permissible Collateral pursuant to the Contractual Relationship is not in breach of any of the x-clear Member's contractual obligations towards any third party, including towards any x-clear NCMs, or of Applicable Laws.
- 9.2 x-clear represents and warrants to the x-clear Member that any Securities provided as Margin or Contributions and returned to the x-clear Member are not subject to any trust, agreement, arrangement or Encumbrances created or granted by x-clear and that the return of such Securities to the x-clear Member is not in breach of any contractual obligation of x-clear towards any third party or of any Applicable Laws.
- 9.3 The x-clear Member shall be liable to x-clear for any fees, costs, losses, damages, expenses, delays or liabilities incurred or suffered by x-clear as a result of x-clear possessing, holding, perfecting the title to or otherwise being associated with, or dealing with, any Permissible Collateral provided to it by the x-clear Member by way of Margin or Contributions.
- 9.4 Each x-clear Member is given notice that Part VII of the Companies Act 1989 applies in relation to all Margin and Contributions and that, as a result, in accordance with the Companies Act 1989 and pursuant to these Trading Platform Specific GTCB, *inter alia*:
- (a) certain of the English Courts' and insolvency officials' rights to disclaim property, onerous transactions, transactions at an undervalue and similar transactions in relation to Margin and Contributions will not apply; and
  - (b) neither the provision of Margin nor the making of Contributions is invalid on grounds of inconsistency with Applicable Laws of the United Kingdom relating to Insolvency.
- 9.5 Each x-clear Member is given notice that the Financial Collateral Arrangements (No. 2) Regulations 2003 (the "**Collateral Regulations**") (which implement Directive 2002/47/EC on financial collateral arrangements (the "**Collateral Directive**")) applies in relation to the provision of Margin and Contributions (including security arrangements made under the Pledge Agreements) and that, as a result, in accordance with the Collateral Regulations and the Collateral Directive, *inter alia*:
- (a) certain Applicable Laws in the EEA relating to formalities and the registration of charges are not applicable in relation to Margin or Contributions;
  - (b) certain Applicable Laws in the EEA relating to Insolvency, to the extent that they restrict x-clear's enforcement of its rights in relation to Margin or Contributions, are not applicable; and
  - (c) the provisions in relation to Close-out Netting will take precedence notwithstanding an Insolvency of the x-clear Member.

## 10 **x-clear Collateral Account**

- 10.1 Accounts and custody accounts for the deposit of collateral shall be maintained by the x-clear Member at SIX SIS as further described in the Clearing Terms.
- 10.2 The x-clear Member shall maintain collateral accounts for monies and securities at SIX SIS (each an "**x-clear Collateral Account**") in the name of x-clear. The x-clear Member shall at all times ensure that its x-clear Collateral Accounts show a credit balance in the amount of the deposits made by it to fulfil its obligations to provide Margin and satisfy Margin calls pursuant to Clause 7. Permissible Collateral provided by the x-clear Member to satisfy its Margin obligations deposited in the x-clear Collateral Accounts shall be pledged to x-clear by way of an Irregular Pledge under the Pledge Agreement for Margins.
- 10.3 The x-clear Member shall maintain separate accounts for monies and securities at SIX SIS ("**Dispo Collateral Accounts**") in its own name. The x-clear Member shall ensure that at the beginning of each Business Day sufficient Permissible Collateral is maintained in the Dispo Collateral Accounts of a value not less than the value of Permissible Collateral required by x-clear to satisfy the anticipated Margin requirements of the x-clear Member for the following Business Day.
- 10.4 At the beginning of each Business Day, x-clear shall transfer the Permissible Collateral in the x-clear Member's Dispo Collateral Accounts to the x-clear Collateral Accounts. The x-clear Member hereby instructs and authorises x-clear to effect this transfer daily and to notify SIX SIS of such authorisation.
- 10.5 At the end of each Business Day, x-clear shall re-transfer any Permissible Collateral that is not required to meet the x-clear Member's Margin obligations to the x-clear Member's Dispo Collateral Accounts.
- 10.6 Default Fund collateral accounts for monies and securities shall be maintained for each x-clear Member at SIX SIS in the name of the x clear Member ("**Default Fund Collateral Accounts**"). Permissible Collateral deposited in the Default Fund Collateral Accounts shall be pledged to x-clear by way of a Regular Pledge under the Pledge Agreement for Default Funds.

## 11 **Order of realisation of Collateral**

In the event of the non-performance or Default of an x-clear Member, x-clear shall be entitled to realise the Permissible Collateral provided as Margin and Contributions in the following order:

- (a) Permissible Collateral provided by the Defaulting x-clear Member to satisfy its Margin obligations and equivalent obligations in respect of trades executed on all Exchanges and MTFs in respect of which x-clear provides Clearing;
- (b) Contributions of the Defaulting x-clear Member to the MTF Default Fund;
- (c) per calendar year, a maximum of 50 per cent of available free reserves set aside by x-clear;

- (d) Contributions made by non-Defaulting x-clear Members to the MTF Default Fund;
  - (e) additional collateral (whether or not Permissible Collateral) arising from the replenishment of the Turquoise Default Fund; and
  - (f) the remainder of x-clear's provision and its capital and reserves,
- all in accordance with the Clearing Terms.

The x-clear Member acknowledges and agrees that the purpose of this Clause 11 and, *inter alia*, the provision of Margin and Contributions is to address and prevent the incidence of systemic risk that may arise in relation to Clearing, Turquoise and other trading platforms operated by TSL or other trading platforms (including the Trading Platforms).

## **12 Settlement**

- 12.1 TSL will send relevant details in relation to Turquoise Transactions involving an x-clear Member to x-clear for Clearing, netting and the preparation of settlement instructions.
- 12.2 x-clear will confirm the Turquoise Transaction and the associated Clearing, netting and settlement instruction details to the x-clear Members or the Co-CCP (if applicable) who are counterparties to the Single Contracts, or the Inter-CCP Contract, respectively, arising from the relevant Turquoise Transaction. Settlement of the Single Contracts or the Inter-CCP Contract, if applicable, will be effected in the relevant central securities depository or other Approved Settlement System, all in accordance with the Clearing Terms.
- 12.3 The x-clear Member and the Co-CCP (if applicable) shall settle Outstanding Contracts through their participation (whether or not through settlement agents) in the Approved Settlement System and shall have appropriate settlement arrangements in place to enable Settlement of Outstanding Contracts to take place in accordance with these Trading Platform Specific GTCB and the Clearing Terms. The x-clear Member and the Co-CCP (if applicable) shall, either themselves or through settlement agents, in accordance with the rules of the Approved Settlement System, maintain at least one custody account to hold Turquoise Products and a cash memorandum account at a bank accepted by the Approved Settlement System for the purposes of Settlement. The x-clear Member and the Co-CCP (if applicable) or their settlement agents (if any) shall comply with the rules, requirements and obligations applicable to them pursuant to the rules of the Approved Settlement System.
- 12.4 x-clear denies any liability if the standards as defined in the Clearing Terms and the Rules and Regulations for communication, authentication and data security cannot be met by the Approved Settlement Systems, settlement agents etc.
- 12.5 The x-clear Member shall ensure that there is a sufficient quantity of Turquoise Products or sufficient cash, as the case may be, available to enable Settlement of Outstanding Contracts to take place on the Intended Settlement Date. If the x-clear Member does not hold a sufficient quantity of Turquoise Products or sufficient cash, as the case may be, to enable Settlement of Outstanding Contracts to take place on the Intended Settlement Date, the provisions in Clause

13 of these Trading Platform Specific GTCB and Clause 18 of the GTCB in respect of an x-clear Member's non-performance and Default shall apply.

- 12.6 If the x-clear GCM wishes an x-clear NCM (in respect of which the x clear GCM has executed a GCM-NCM Agreement) to receive delivery of the Turquoise Product or payment, as the case may be, as agent of the x-clear GCM, the x-clear GCM shall grant a legally valid and binding power of attorney to the x-clear NCM in favour of such x-clear NCM. The x-clear GCM shall notify x-clear of this power of attorney in writing, including a copy of such power of attorney with such notification.
- 12.7 An x-clear Member may only use a settlement agent for the purposes of Settlement if required or permitted by the rules of the Approved Settlement System.
- 12.8 x-clear will carry out settlement netting in accordance with the rules of the relevant Approved Settlement System and the Clearing Terms.

### **13 Late Settlement**

- 13.1 Where the Selling x-clear Member fails to deliver the Turquoise Product on the Intended Settlement Date such that Settlement of the relevant Outstanding Contract does not occur on that date, x-clear shall be entitled to perform a buy-in in accordance with the following procedures as further defined in the Clearing Terms:
- (a) x-clear will start its buy-in process by submitting a buy-in notice to the Selling x-clear Member;
  - (b) on completion of the buy-in, x-clear will advise the Selling x clear Member on the same day by facsimile or electronic means, providing details of the buy-in that has been effected to settle the relevant Outstanding Contract. The Selling x-clear Member shall be liable to x-clear for any difference between the price of the Turquoise Product under the relevant Outstanding Contract and the price paid in connection with a buy-in;
  - (c) x-clear is entitled to charge the Selling x-clear Member any costs incurred by x-clear (including, without limitation, expenses, commissions and other charges) or passed on to x clear by third parties in connection with the performance of a buy-in; and
  - (d) without prejudice to the generality of Clause 13.1(c), x-clear will charge an administration fee per buy-in notice;
- 13.2 The payment obligations of the x-clear Member, arising from the buy-in effected by x-clear, shall be due and payable immediately upon notification of the same by x-clear. If the x-clear Member fails to satisfy such payment obligation, x-clear may at its discretion treat such failure as an Event of Default as defined in Clause 18.1 of the GTCB.
- 13.3 The Contractual Relationship shall exclusively govern late Settlement, including any processes (such as buy-in) carried out as part of late Settlement, including, but not limited to, any costs associated with such settlement. The Turquoise Rules shall not apply to any of the aforesaid matters.

**14 Market disorder, bad deliveries, etc.**

14.1 If TSL determines in accordance with the Turquoise Rules that an excessive position or unwarranted speculation or any other undesirable situation or practice is developing or has developed which is affecting or capable of affecting Turquoise, x-clear may at its discretion take such action as is requested of it by TSL in respect of one or more Outstanding Contracts in an x-clear Member's name as may be provided for by the Turquoise Rules or as may be agreed between TSL and x-clear.

**15 Trading days**

The Trading Days relevant for TSL are set out in the Rules and Regulations.