| SUBMISSION COVER SHEET   |  |  |  |  |
|--|--|--|--|--|
| Registered Entity Identifier Code (optional)       LCHLTD       Date: February 28, 2014         IMPORTANT:       CHECK BOX IF CONFIDENTIAL TREATMENT IS REQUESTED.   |  |  |  |  |
| ORGANIZATION LCH.Clearnet Limited  |  |  |  |  |
| FILING AS A:   DCM   SEF   DCO   SDR     ECM/SPDC  |  |  |  |  |
| TYPE OF FILING   |  |  |  |  |
| Rules and Rule Amendments  |  |  |  |  |
| $\bigcirc$ Certification under § 40.6 (a) or § 41.24 (a)   |  |  |  |  |
| "Non-Material Agricultural Rule Change" under § 40.4 (b)(5)  |  |  |  |  |
| Notification under § 40.6 (d)  |  |  |  |  |
| Request for Approval under § 40.4 (a) or § 40.5 (a)  |  |  |  |  |
| Advance Notice of SIDCO Rule Change under § 40.10 (a)  |  |  |  |  |
| • Products   |  |  |  |  |
| Certification under § 39.5(b), § 40.2 (a), or § 41.23 (a)  |  |  |  |  |
| Swap Class Certification under § 40.2 (d)  |  |  |  |  |
| Request for Approval under § 40.3 (a)  |  |  |  |  |
| Novel Derivative Product Notification under § 40.12 (a)  |  |  |  |  |
| RULE NUMBERS   |  |  |  |  |
| Section 4 of Clearing House Procedures<br>Rules: 4.2.1, 4.4, 4.4.1, 4.4.2, 4.8-4.15, 4.16-4.17.9, Appendices 4A-4J.<br>FCM Procedures<br>Rules: 4.1.4, 4.3.1, 4.3.2, 4.4-4.83, Appendix 4A, Appendices 4E-4P.                                |  |  |  |  |
| DESCRIPTION  |  |  |  |  |
| Self-certification pursuant to §40.6(a) in respect of changes to the Rulebook Procedures Section 4 and FCM Procedures in relation to collateral arrangements, acceptance and settlement, as well as a small number of clarifying amendments. |  |  |  |  |



# VIA EMAIL TO: SECRETARY@CFTC.GOV

28 February 2014

Ms. Melissa Jurgens Commodity Futures Trading Commission 1155 21<sup>st</sup> Street NW Three Lafayette Centre Washington DC 20581

Dear Ms. Jurgens:

Pursuant to CFTC regulation §40.6(a), LCH.Clearnet Limited ("LCH.Clearnet"), a derivatives clearing organization registered with the Commodity Futures Trading Commission (the "CFTC"), hereby submits for self-certification several amendments to the LCH.Clearnet Rulebook. LCH.Clearnet proposes to implement the changes to its Rulebook on or after March 14, 2014.

## Part I: Explanation and Analysis

The purpose of the amendments is to adapt the procedures in Procedures Section 4 and FCM Procedures as follows:

- Remove reference to the Clearing House "assuming settlement....". LCH.Clearnet will no longer assume receipt of collateral delivered via triparty mechanisms for transactions where settlement occurs overnight. Therefore calculation of clearing member margin requirement will not include such collateral until settlement is confirmed as complete.
- Include US domiciled custodian, BNY Mellon as a tri-party provider and make small associated changes to distinguish between bilateral and tri-party collateral arrangements.
- 3) Remove the section on Performance Bonds and associated forms. This type of collateral is no longer eligible at the Clearing House.
- 4) Update schedules in respect of collateral delivery and settlement deadlines.
- 5) Minor clarifying amendments and renumbering.

LCH.Clearnet Limited Aldgate House, 33 Aldgate High Street, London EC3N 1EA Tel: +44 (0)20 7426 7000 Fax: +44 (0)20 7426 7001 www.lchclearnet.com LCH.Clearnet Group Limited | LCH.Clearnet Limited | LCH.Clearnet SA | LCH.Clearnet LLC



# Part II: Amendments to the Rules and Regulations of LCH.Clearnet

The rules and associated description of changes are provided in the Matrix attached as Exhibit A.

The changes are reflected in the blacklined version of the Procedures - Section 4 and the FCM Procedures, attached as Exhibit B and C respectively.

# Part III: Certification by LCH.Clearnet

LCH.Clearnet certifies to the CFTC, in accordance with CFTC Regulation §40.6, that the planned changes comply with the Commodity Exchange Act and the CFTC Regulations promulgated there under. LCH.Clearnet further certifies that, prior to submission of this material, in compliance with §39.21 of the Commission's regulations, LCH.Clearnet will post a notice of pending certification with the CFTC and a copy of the submission on the LCH.Clearnet website at http://www.lchclearnet.com/rules\_and\_regulations/ltd/proposed\_rules.asp

# Part IV: Compliance with Core Principles

LCH.Clearnet will continue to comply with all Core Principles following the introduction of these proposed changes to the LCH.Clearnet Rulebook. LCH.Clearnet has concluded that its compliance with the Core Principles would not be adversely affected by these changes. The changes reflected herein will ensure continued compliance with the Core Principles and, in particular with Core Principle L.

# **Part V: Opposing Views**

There were no opposing views expressed to LCH.Clearnet by its governing board or committee members, members of LCH.Clearnet or market participants that were not incorporated in the changes.

# Certification

LCH.Clearnet Limited hereby certifies to the Commodity Futures Trading Commission, pursuant to the procedures set forth in Commission regulation §40.6, that the attached rule submission complies with the Commodity Exchange Act, as amended, and the regulations promulgated there under.



Should you have any questions regarding this submission please contact me at julian.oliver@lchclearnet.com.

Yours sincerely,

Julian Oliver, Director Compliance and Public Affairs LCH.Clearnet Ltd

Cc: Jay Iyer, LCH.Clearnet Kenji Takaki, CFTC Shawn Durrani, CFTC

# LCH.Clearnet Rule Submission

Exhibit A

| Procedures (Section 4)   | FCM Procedures            | Explanation   |
|--------------------------|---------------------------|---|
| Reference                | Reference                 |   |
|                          | 4.1.4                     | Amended to include reference to Triparty arrangements instructions.   |
| 4.2.1                    |                           | Section is amended to include details of tri-party<br>documentation with respect to the Deed of Charge<br>and reference to ICSD is replaced by "tri-party<br>provider" (BNY is not an ICSD).  |
| 4.4                      |                           | The section heading is updated to make clear the section refers to securities delivered bilaterally.  |
| 4.4.1                    | 4.3.1                     | Securities collateral instruction deadlines for same day settlement are updated. Operational hours have also been amended.  |
| 4.4.2                    | 4.3.2                     | Securities collateral delivery deadlines table is amended.  |
|                          | 4.4 (new)                 | New section added with details of the Triparty service<br>with Euroclear, Clearstream and BNY Mellon,<br>including sub-paragraphs on general information,<br>lodgement and increase instructions, decrease and<br>closure instructions and description of process in<br>event of Triparty deficits. |
|                          | 4.4 – 4.83 (old)          | Renumbered to 4.5 – 4.93  |
| 4.8 – 4.15 (old)         |                           | Performance Bonds sections deleted, since this type of collateral is no longer eligible at the Clearing House.  |
| 4.16 – 4.17.9 (old)      |                           | Renumbered to 4.8 – 4.99  |
| 4.8 (new)                |                           | Section heading amended to include BNY Mellon   |
| 4.8.1 (new)              |                           | Triparty agent specific information is added to the section and reference to triparty contingency forms in the appendices is included.  |
| 4.8.2 (new)              |                           | Last instruction deadline table for lodgement and<br>increases has been updated with revised times and to<br>include BNY Mellon.<br>Paragraph stating that "The Clearing House will<br>assume settlement" for collateral transactions that<br>settle the following business date has been removed.  |
| 4.8.3 (new)              |                           | Last instruction deadline table for decrease and<br>closings has been updated with revised times and to<br>include BNY Mellon.<br>New paragraph added describing the process in event<br>of Triparty deficits.  |
|                          | Appendix 4A               | FCM Client Account Lodgement Form amended –<br>"Beneficial Owner Name (full name)" removed and<br>Citibank (Global) account number added.   |
| Appendix 4A and 4B (old) |                           | Deleted since Performance Bonds are no longer eligible collateral at the Clearing House.  |
| Appendix 4A (new)        |                           | (Old Appendix C) Client consent form  |
| Appendix 4B – 4D (new)   | Appendix 4K – 4M<br>(new) | Euroclear contingency forms   |
| Appendix 4E – 4G (new)   | Appendix 4N – 4P<br>(new) | Clearstream contingency forms   |
| Appendix 4J – 4N (old)   |                           | Renumbered to 4K – 4O   |
| Appendix 4H – 4J (new)   | Appendix 4E – 4J<br>(new) | BNY Mellon contingency forms  |
|                          |                           |   |

# LCH.Clearnet Rule Submission

Exhibit B

# Collateral

# SECTION 4

# **CONTENTS**

| CC          | DLLATERAL  | <u>1</u>                 |
|-------------|--|--------------------------|
| <u>4.1</u>  | General Information  | <u>1</u>                 |
| 4.2         | 2 Documentation  | <u>4</u>                 |
| <u>4.3</u>  | Instructions via CMS   | <u>5</u>                 |
| 4.4         | Settlement Procedures – Securities provided on a bilateral basis | <u>6</u>                 |
| <u>4.5</u>  | 5 Tax Arrangements   | <u>8</u>                 |
| <u>4.6</u>  | References   | <u>10</u>                |
| <u>4.7</u>  | Contingency Arrangements   | <u>10</u>                |
| <u>4.8</u>  | Triparty Service with Euroclear, Clearstream and BNY Mellon      | <u>12<del>1210</del></u> |
| <u>4.9</u>  | Precious Metals  |                          |
| <u>AP</u>   | PENDIX 4A  | 26 <del>2617</del>       |
|             | Client Consent Form  |                          |
| AP          | PENDIX 4B  |                          |
|             | Contingency Member Triparty Lodgement Form                       |                          |
| AP          | PENDIX 4C  | .28 <del>2819</del>      |
|             | Contingency Member Triparty Amendment Form                       |                          |
|             |  |                          |
| AP          | PENDIX 4D<br>Contingency Member Triparty Closing Form            |                          |
|             |  |                          |
| AP          | PENDIX 4E  |                          |
|             | Contingency Member Triparty Lodgement Form                       | <u>30<del>3021</del></u> |
| <u>AP</u>   | PENDIX 4F  | 31 <del>3122</del>       |
|             | Contingency Member Triparty Amendment Form                       |                          |
| AP          | PENDIX 4G  | 32 <del>3223</del>       |
|             | Contingency Member Triparty Closing Form                         |                          |
|             | PENDIX 4H  |                          |
|             | Contingency Member Triparty Lodgement Form                       |                          |
|             |  |                          |
| <u>AP</u>   | PENDIX 4I  |                          |
|             | Contingency Member Triparty Amendment Form                       | <u>34<del>3425</del></u> |
| AP          | PENDIX 4J  | <u>35<del>3526</del></u> |
|             | Contingency Member Triparty Closing Form                         | <u>35<del>3526</del></u> |
|             | PENDIX 4K  | 363627                   |
| <u>/ 11</u> |  |                          |

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| Cleari | ng House Procedures Collateral  |
|--------|---|
|        | *   |
|        | Contingency Collateral Lodgement Form   |
|        | APPENDIX 4L   |
|        | contingency Collateral Release Form   |
|        | Appendix 4M   |
|        | LCH.CLEARNET ACCOUNTS FOR DELIVERY OF Margin Collateral<br>excluding FCM client |
|        | APPENDIX 4N   |
|        | PRECIOUS METAL COLLATERAL LODGEMENT FORM  |
|        | APPENDIX 40   |
| 4      | -COLLATERAL   |
|        | 4.1 General Information   |
|        | 4.2 Documentation   |
|        | 4.3 Settlement Procedures - Securities  |
|        | 4.4 Tax Arrangements  |
|        | 4.5 References  |
|        | 4.6 Contingency Arrangements  |
|        | 4.7—Performance Bonds   |
|        | 4.8 Lodgement Procedure   |
|        | 4.9 Amendment Procedure   |
|        | 4.10 Increase in Value of Performance Bonds11                                   |
|        | 4.11—Decrease in Value of a Performance Bond11                                  |
|        | 4.12 Amendment of Term  |
|        | 4.13 Release Procedure  |
|        | 4.14 Expiry   |
|        | 4.15 Triparty Service with Euroclear and Clearstream                            |
|        | APPENDIX 4A   |
|        | Performance Bond Form17   |
|        | APPENDIX 48   |
|        | Guarantee ("Performance Bond") Amendment Form                                   |
|        | APPENDIX 4C   |
|        | Client Consent Form To be replaced with catch-all form                          |
|        | APPENDIX 4DF  |
|        | Member Triparty Lodgement Form26  |
|        | APPENDIX 4EG  |
|        | Member Triparty Amendment Form  |
|        |   |

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| Clearing House Procedures   | Collateral                   |
|---|------------------------------|
|   |                              |
| APPENDIX 4FH  | <del>28</del>                |
| Member Triparty Closing Form  | <del>28</del>                |
| APPENDIX 4G   |                              |
| Member Triparty Lodgement Form  | <del>29</del>                |
| APPENDIX 4H   |                              |
| Member Triparty Amendment Form  | <del>30</del>                |
| APPENDIX 41   | <del>31</del>                |
| Member Triparty Closing Form  | <del>31</del>                |
| APPENDIX 4J   | <del>32</del>                |
| Contingency Collateral Lodgement Form                                 | <del>32</del>                |
| APPENDIX 4K   | <del>33</del>                |
| Contingency Collateral Release Form                                   | 33                           |
| Appendix 4L   | <del>34</del>                |
| LCH.Clearnet Accounts for Delivery of Margin Collateral ex-<br>Client | <del>cluding FCM</del><br>34 |

## 4.1.8 Other Charges

The Clearing House will collect any other charges incurred as deemed necessary using PPS. Examples of such charges may include a Collateral Agent's overnight custody charge, transfer charges or any charges relating to the movement of non-cash Collateral. For a list of the Clearing House's Custody services fees, please refer to, http://www.lchclearnet.com/fees/ltd/default.asp

## 4.1.9 Insurance

It is the Clearing Member's responsibility to have appropriate insurance for any Collateral in the form of a precious metal held with the Clearing House.

## 4.2 **Documentation**

## 4.2.1 Deed of Charge

Clearing Members wishing to transfer non-cash Collateral to the Clearing House must first complete a Deed of Charge. This document establishes a fixed charge over the Clearing Member's interests pursuant to the custody relationship which arises upon specified non-cash Collateral being transferred into an account with the Clearing House by the Clearing Member. The document is required to be executed in accordance with the instructions which accompany it. The Deed of Charge covers non-cash Collateral that is transferred to the Clearing House via bilateral settlement, Precious Metals Settlement Agents or via triparty arrangements. For triparty arrangements using US domiciled custodians an equivalent to the Deed of Charge is incorporated within the relevant triparty agreement documentation. To operate triparty arrangements with the Clearing House an additional Collateral Services Agreement (or equivalent) must also be executed with the relevant triparty providerICSD.

The Deed of Charge is available from the Clearing House Risk Department and should be returned on completion to that Department.

## 4.2.2 <u>Segregation Rules</u>

Where a Clearing Member transfers non-cash Collateral to cover both house and client accounts it must execute two separate Deeds of Charge. Forms relating to transfers and requests for the return of Collateral must indicate the particular account to which they relate. Any non-cash Collateral transferred to the Clearing House will be applied against the Clearing Member's (proprietary or client) margin liabilities as per the relevant documentation.

Non-cash Collateral transferred to the Clearing House in respect of a Clearing Member's client account will not be applied by the Clearing House to his liabilities on a Proprietary Account (see regulation 5(d)).

Non-cash Collateral transferred to the Clearing House in respect of a Clearing Member's Proprietary Account may be applied by the Clearing House towards the discharge of any sum whatsoever which is secured by the relevant Deed of Charge, save that no Collateral (other than House Excess) charged in respect of a Clearing Member's Proprietary Account shall be applied on or towards payment or satisfaction of any of the Clearing Member's liabilities to the Clearing House on any of the Clearing Member's client accounts.

## 4.2.3 Client Collateral

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to the relevant CSD/custodian. Clearing Members must ensure that the details are input correctly in order to avoid unmatched transactions.

It is the responsibility of the Clearing Member to input a cancellation request of any incorrectly input instruction and then subsequently input the correct details in a new instruction. Please note that it may not be possible to cancel an instruction, please see section 4.4.7 below for further details.

The Clearing House will update the status of the instruction in the CMS in relation to the status of the instruction at the CSD/Custodian. On settlement of the transaction the Clearing House will reflect the balance of the securities on the Clearing Member's account and take them into account for the purposes of calculating the Clearing Member's Current Collateral Value.

The Clearing House will notify Clearing Members of the relevant account details for matching. Clearing Members should refer to Appendix 41 to establish the correct place(s) of settlement for a particular security.

The Clearing House will not be liable for any losses to Clearing Members or third parties caused by non-settlement or by a delay in settlement as a result of the actions or omissions of a CSD/custodian or the Clearing Member (save for any liability which by law may not be excluded).

## 4.4 <u>Settlement Procedures – Securities provided on a bilateral basis</u>

All transactions to transfer securities Collateral to or from the Clearing House will be executed free of payment.

#### 4.4.1 Instruction Deadlines

Clearing Members may input security instruction via the CMS at any time. Instructions will only be actioned by the Clearing House during operational hours.

The Collateral Team operational hours are: Monday – to Friday 08:00 – 2<u>3</u>0:00hrs UK time.

| CSD/custodian                | Deadline for instructions (UK time) |
|------------------------------|-------------------------------------|
| Euroclear UK/IE (CREST)      | 14.00                               |
| Euroclear internal           | <u>17.00</u> 16:30                  |
| Fedwire - Citi and BNYMellon | 19:00                               |

Instruction deadlines for same day settlement:

The Clearing House will input matching instructions to the relevant CSD/custodian for same day settlement when the instructions are received prior to the deadlines above.

## 4.4.2 Deliveries to and from Local Markets

The Clearing House is bound by the settlement deadlines of the relevant CSD/custodian, Clearing Members should refer to the relevant CSD/custodian for these deadlines. Note that for transactions from local markets the settlement deadline may be earlier than the Clearing House hours of operation and should therefore be instructed

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the day before the settlement date i.e. on S-1. Instructions to the Clearing House must be provided at least one hour before the market deadline for same day settlement.

For example:

| Deliveries from Local Market | Custodian Deadline     | Instruction Deadline to<br>Clearing House <u>(UK time)</u> |
|------------------------------|------------------------|--|
| Japan                        | <del>02.45</del> 05.55 | <del>16.30<u>17.00</u> on S-1</del>                        |
| Belgium                      | 14.50                  | 13.50 on S   |
| Italy                        | 15.00                  | 14.00 on S   |

## 4.4.3 Transfer of Securities to the Clearing House

Instructions for the transfer of securities to the Clearing House must be input via the CMS prior to the deadlines above for same day settlement. Settled transactions will be taken into account for the purposes of calculating the Clearing Member's Current Collateral Value following settlement.

Transfer instructions for future settlement dates will be instructed same day if received prior to the deadlines. Instructions received after the deadlines will be instructed the following day.

### 4.4.4 Transfer of Securities from the Clearing House

4.4.4.1 Release where Sufficient Collateral r is Available

Instructions to transfer any Collateral comprised in the Clearing Member Current Collateral Balance in respect of a Clearing Member to that Clearing Member via the CMS prior to the deadlines above for same day settlement will be actioned (subject to Rule 4.1.2) on confirmation of those instructions by the Clearing House and, once transferred, the relevant Collateral will no longer be included when calculating the Clearing Member's Current Collateral Value.

4.4.4.2 Release where Sufficient Collateral is Unavailable

Instructions to transfer any Collateral comprised in the Clearing Member Current Collateral Balance in respect of a Clearing Member to that Clearing Member must be input via the CMS before 09:30 UK time. The Clearing Member will then be requested for transfer additional cash Collateral. Following confirmation of receipt of the requested cash Collateral the settlement instruction will (subject to Rule 4.1.2) be sent to the CSD/custodian by the Clearing House, and the Collateral specified in those instructions will (subject to Rule 4.1.2) be transferred to that Clearing Member and, once transferred, will no longer be included when calculating the Clearing Member's Current Collateral Value.

4.4.5 <u>Substitutions</u>

Substitution instructions may be input via the CMS, and will, subject to Rule 4.1.3 and to confirmation of those instructions by the Clearing House, be actioned on the same day if input prior to the deadlines above.

The regime applies to all securities issued on or after 1 January 1997.

## Clearing Members should consult their own tax advisers before lodging Collateral to the Clearing House or submitting any tax documentation.

#### 4.5.3 <u>Withholding tax – CSDs/Custodians</u>

CSDs/custodians may offer a recovery service for overseas taxes on Government Bonds. The Clearing House will assist in the recovery process and remit to Clearing Members any recovery in withholding tax credited to the Clearing House's account by CSDs/custodians.

In certain cases the CSDs/custodian and Clearing House will withhold tax on a coupon if the correct documentation is not lodged with either CSDs/Custodian and the Clearing House at the time when a coupon is due.

## 4.6 References

These procedures should be read in conjunction with the relevant user guides and/or manuals of the relevant CSD/custodian. Please also refer the each CSD/custodian for the relevant settlement deadlines in particular those for deliveries from local markets to Clearing House accounts.

## 4.7 Contingency Arrangements

In the event of an outage of the CMS, Clearing Members will be able to send instructions by fax to the Clearing House.

Clearing Member will be notified of a CMS outage via Member Circular that will notify Clearing Members of the switch to contingency arrangements. Clearing member should then revert to the fax forms for securities found in the annex.

Normal service hours and deadlines will apply to faxed instructions.

Clearing Members will be notified via Member Circular when normal service resumes.

## 4.8 Performance Bonds

Clearing Members must first consult LCH.Clearnet Limited Treasury Operations ("Treasury Operations") about which issuing bank(s) they intend to use for the provision of a performance bond(s). Treasury Operations will advise on whether the proposed arrangements (bank(s) and size of performance bond) are acceptable or not.

When the arrangements have been agreed, a standard form available from Treasury Operations (Appendix 4A) should be completed by the issuing bank and returned to Treasury Operations.

If a Clearing Member chooses to cover house and client liabilities using performance bonds, separate performance bonds must be provided for each account. Each performance bond must state the type of account it covers.

The Clearing House gives no undertaking that on the default of a Clearing Member it will not call and utilise a performance bond provided to it before utilising any other form of cover the Clearing House may hold.

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The Clearing House only accepts Performance Bonds from a limited range of issuers and limits are applied to the total accepted from any single issuer,

## 4.9 Lodgement Procedure

By 16:30 hours the issuing bank delivers the performance bond to Treasury Operations.

If it is in an acceptable form, the performance bond will be entered into the Clearing Member's cover account.

If it is unacceptable, Treasury Operations will contact the issuing bank and the Clearing Member (beneficiary) to inform them that the performance bond has been rejected. The performance bond will not be entered into the Clearing Member's cover account in the banking system.

## 4.10 Amendment Procedure

Amondment letters (see Appendix 4B) must be delivered to Treasury Operations before 16:30 hours on any business day. They can be sent by fax to the following number: +44 (0)20 7375 3518 or scanned and emailed to teamcollateral@lchclearnet.com.

Issuing banks should submit amondmont letters, in duplicate, on their headed paper. Originals must be forwarded to the Clearing House within two business days of the fax transmission. The Clearing House will sign and return one original.

#### 4.11 Increase in Value of Performance Bonds

Any Clearing Member wishing to increase the value of a performance bond must first establish whether the increase is within limits and is acceptable to Treasury Operations. If it is, the relevant amendment letters have to be completed and submitted to Treasury Operations by the issuing bank. Upon receipt of these letters (completed to the satisfaction of the Clearing House) increases in the value of the Clearing Member's performance bond (s) will be put into effect.

### 4.12 Decrease in Value of a Performance Bond

If the proposed decrease in the value of a performance bond leaves the Clearing Member with sufficient cover for liabilities and the relevant amendment letters are in acceptable form, the decrease in value will become effective. If the proposed decrease leaves the Clearing Member with insufficient cover, the cover balance will be reduced accordingly and the overnight cover calculation will assume the smaller amount. The Clearing House will not sign the amendment letter until the next morning's margin call is complete.

## 4.13 Amendment of Term

An amendment to the term will become effective when the Clearing House signs the amendment letter.

### 4.14 Release Procedure

By 16:30 hours the issuing bank should contact Treasury Operations to arrange for the release of the performance bond.

Under normal circumstances, fourteen calendar days' notice will be required in order to release the performance bond. However, if the performance bond is not being used to cover margins, it may, at the sole discretion of the Clearing House, be released earlier.

The performance bond will be amended in the Clearing Member's cover account to expire in fourteen calendar days, or at an earlier date if the Clearing House so permits.

On expiry or cancellation, the performance bond is returned to the issuing bank by the Clearing House.

#### 4.15 <u>Expiry</u>

Overnight before the Termination Date of the performance bond its value will be deducted from the amount of cover available in the relevant Clearing Member's account.

### 4.164.8 Triparty Service with Euroclear, and Clearstream and BNY Mellon

#### 4.16.14.8.1 General Information

In order to transfer securities at the Clearing House using an <u>ICSD</u> Triparty arrangement, Clearing Members, the <u>relevant triparty agentICSD</u> and the Clearing House must have completed and signed the relevant documentation. Please contact Treasury Operations on +44 (0)207 426 7237 for more information.

Clearing Members may execute a 'Triparty' trade denominated in Euro, Sterling or United States Dollars to cover initial margin requirements at the Clearing House. Triparty instructions must be provided to the Clearing House via the CMS.

Instructions for Euroclear Bank and Clearstream may be input for future settlement dates. Instructions with BNY Mellon must be for same day settlement.

The Clearing House supports triparty arrangements at BNY Mellon using their US domestic platform and only for US eligible securities.

Under the triparty arrangement beneficial ownership for all securities must belong to the clearing member.

In the event that Clearing Members are unable to make triparty instructions via the Collateral Management System (CMS), it will be possible to instruct using the relevant triparty contingency forms found in the appendices of this section.

The Clearing House recommends the Clearing Members prioritise Clearing House trades avoiding any calls for cash Collateral. Calls for cash Collateral in relation to deficits will be made on a separate buffer account within the Clearing House, this account will be set up for automatic repayment and will be interest bearing.

Clearing Members must use the relevant triparty forms found in the Appendices to this Section 4

**Note:** In these procedures, "S" refers to the settlement day, "S-1" to the working day before settlement day.

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Collateral

## 4.16.24.8.2 Lodgement and Increase Procedure

| Last instruction deadline to<br>the Clearing House for (UK<br>Time): | Last instruction deadline to the Clearing House for (London Time): |                                     |              |
|--|--|-------------------------------------|--------------|
|  | Euroclear Bank   | Clearstream                         | BNY Mellon   |
| Same day settlement  | <del>16.00<u>16.30</u></del>                                       | <del>15.00<u>16.30</u></del>        | <u>22.30</u> |
| Next day settlement  | <del>16.00*<u>16.30</u> (S-<br/>1)</del>                           | <del>15.00*<u>16.30</u> (S-1)</del> | <u>N/A</u>   |

\*The Clearing House will assume settlement of the transaction and include the amount for the purpose of calculating the Clearing Member's Current Collateral Value for next day value only if the settlement instructions are matched by 17.30 (London time). The Clearing House will check that the transaction has been fulfilled by 08.00 on settlement date. Any shortfall will be called in cash via the PPS system and will not be returned the same day.

## 4.16.34.8.3 Decrease and Closing Procedure

| Last instruction deadline to<br>the Clearing House for (UK<br>Time): | Last instruction deadline to the Clearing House for*<br>(London Time): |                                    |              |
|--|--|------------------------------------|--------------|
|  | Euroclear<br>Bank  | Clearstream                        | BNY Mellon   |
| Same day settlement  | <del>16.00<u>16.30</u></del>   | <del>15.00<u>16.30</u></del>       | <u>22.30</u> |
| Next day settlement  | <del>16.00<u>16.30</u><br/>(S-1)</del>                                 | <del>15.00<u>16.30</u> (S-1)</del> | <u>N/A</u>   |

Sufficient Collateral:

Where the Clearing Member has sufficient Collateral available the release or closure of the triparty transaction will be processed on the same day and the reduction will be taken into account for the purpose of calculating the Member's Current Collateral Value.

## Insufficient Collateral:

Where the Clearing Member has insufficient Collateral to release the triparty transaction the Clearing Member's Current Collateral Value will be deemed to be decreased overnight. The following morning the Clearing House will only release the triparty transaction after 09.00 when any PPS cash calls have been confirmed.

## **Triparty deficits**

In the event that the Clearing House determines that a shortfall exists under a triparty arrangement, whether because of a decrease in the value of securities furnished or otherwise, and such shortfall has not been made good by the inclusion of additional securities, the Clearing House shall be entitled to make one or more PPS cash calls in respect of such shortfall. Cash calls in relation to shortfalls will be called in accordance

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with section 3.2 of these procedures and held in a separate account. Such cash shall either be credited to the Clearing Member upon the Clearing Member making good the deficit pursuant to the triparty arrangement or retained as cover if the Clearing Member does not make good the deficit.

#### 4.174.9 Precious Metals

#### 4.17.14.9.1 General information

Only Clearing Members who have been approved to clear LCH EnClear OTC Contracts in the Precious Metals Division and/or HKMEx Service Clearing Members are eligible to provide Precious Metals as Collateral to cover liabilities.

Clearing Members may lodge Precious Metals in unallocated form via a London Precious Metals Clearing Ltd (LPMCL) Clearing Member (referred to as Collateral Agents in this procedure) by transferring to the LCH.Clearnet Ltd Unallocated Precious Metals account:

- Barclays Bank plc (SWIFT BARCGB22PMD)
- a/c LCH Collateral Account
- a/c 32989

Once the Clearing House has converted it into allocated form, the Precious Metals can then be used as Collateral. The Clearing House Collateral Agent may allocate the Precious Metals to more than one vault and the value of the Precious Metals shall be determined by the Clearing House upon allocation.

In these procedures, "S" refers to settlement day, "S-1" to the business day prior to settlement day, "S+1" to the business day after the settlement day.

This service will not be operational on UK Bank Holidays.

Please refer Appendix 4M and 4N for information on Lodgement and Release forms.

#### 4.17.24.9.2 Lodgement Procedure

The Clearing Member should complete a separate Lodgement Form for each transfer of a precious metal to the Clearing House.

#### 4.17.34.9.3 Lodgement Form submitted on S

(a) By 11:00 hours (London time) on S.

The Clearing Member must submit to the Clearing House a completed Lodgement Form (Appendix 4M) and ensure that a "pay" transfer instruction has been given to its Collateral Agent to credit the Clearing House's Unallocated Precious Metals account with its Collateral Agent.

Lodgement forms will not be accepted after 11:00 hours (London time) on S for lodgement that day.

(b) By 16:00 hours.

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|   | APPENDIX 4A  |
|---|--|
|   | PERFORMANCE BOND FORM  |
| <b>F</b>  | Date:  |
| <del>From:</del>  |  |
| On behalf of:   |  |
| On bonair oi.   |  |
| Account:  |  |
|   |  |
| <del>To:</del>  | LCH.Clearnet Limited<br>Aldgate House  |
|   | <del>33 Äldgate High Street</del><br>London EC3N 1EA   |
| Attention:  | LCH.Clearnet Limited Treasury Operations   |
| Dear Sirs   |  |
| PERFORMAN   | NCE BOND NO  |
| Memb<br>confirr<br>the Cl<br>House<br>set-off<br>the an | er request of [] ("Clearing<br>er") and in consideration of LCH.Clearnet Limited ("the Clearing House")<br>ning or continuing the membership of the Clearing Member on such basis as<br>learing House may determine we hereby undertake to pay to the Clearing<br>on the Clearing House's written demand or demands from time to time without<br>for counterclaim or deduction such sum or sums (not exceeding in aggregate<br>mount and in the currency specified in the proviso below) as the Clearing House<br>ertify in such demand as being any one or more of: |
| 1.1   | a sum owed to the Clearing House by the Clearing Member and unpaid<br>and/or the amount of any loss, damage, expense or cost of whatsoever<br>nature suffered or incurred by the Clearing House as a result of the failure<br>by the Clearing Member to pay any amounts due to the Clearing House, or  |
| <del>1.2</del>  | the Clearing House's estimate of the amount likely to become due following any default by the Clearing Member, or  |
| <del>1.3</del>  | the balance finally established by the Clearing House as being due from<br>the Clearing Member to the Clearing House and which is in excess of any<br>principal amount already paid to the Clearing House by us together with<br>(but without prejudice to our obligation to make prompt payment) interest at<br>the Specified Rate from the date of receipt by us of demand until the date<br>of payment.   |
|   | emand or demands hereunder shall be in the form of the Schedule, as nearly sumstances admit and amended as appropriate.  |

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Any demand of the nature set out in paragraph 1.2 above must state that it is an and incorporate an undertaking to repay to us the excess (if any) of the amount paid by us over the amount of the liability of the Clearing Member when finally established together with interest on such excess from receipt thereof by the Clearing House until repayment to us. Such interest shall be calculated at the consecutive monthly deposit rates offered by HSBC Bank plc for equivalent amounts throughout the period in question. Any such demands as aforesaid shall be conclusive evidence as between the Clearing House and us of our liability to the Clearing House for the amount stated therein, PROVIDED ALWAYS that:-Our maximum aggregate liability in respect of all demands hereunder shall 4.1 not exceed [currency......] [amount..... exclusive of interest due in respect of late payment by us. This undertaking shall remain in force until the Termination Date, which shall 4.2 be the earlier of: 4.2.1 [.....]<sup>\*</sup>; or 4.2.2 14.00 hours in London immediately following the expiry of 14 clear days' notice (disregarding the day of service itself) by us to the Clearing House in writing to that effect. We agree that any such to the Clearing House, marked for the attention of LCH.Clearnet Limited Treasury Operations, will be delivered by us to the Clearing House during its normal business hours for the conduct of such business at the Clearing House's address stated above (or at such address notified to us by the Clearing House in writing). After the Termination Date we shall not be liable except that in respect of a 43 Clearing Member in relation to which a demand shall have been received by us (not being expressly described as a final demand pursuant to paragraph 1.3 above) prior to the Termination Date the Clearing House shall be entitled to make further demands (but not so as to cause our maximum aggregate liability hereunder to be exceeded) not later than 3 months from the Termination Date Any demand must be received by us during our normal business hours for the conduct of such business and at [..... I(or such other address in London as we may from time to time notify you for the purpose and which you accept in writing) prior to the Termination Date or the expiry of the 3 month period montioned in paragraph 3.3, where applicable. avoidance of doubt our liability hereunder shall not be affected by any time or indulgence given to or compounding with the Clearing Member or any illegality or invalidity in relation to the purported obligations to the Clearing House of the Clearing Member or by any changes from time to time in relation to any rules or regulations from time to time affecting the Clearing House's relations with the Clearing Member

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| Clearing House Procedures  | Collateral   |
|--|--|
| or by any act matter or thing which but for this provise exonerate us as a surety.   | sion might have operated to                                  |
| 6 The expression "Specified Rate" shall mean:-   |  |
| 6.1 in relation to an amount expressed in Sterling,<br>being of HSBC Bank Plc, and   | , the Base Rate for the time                                 |
| 6.2 in relation to an amount expressed in another (<br>Rate quoted by HSBC Bank Plc at or about<br>overnight deposits of such currency in the Londo  | 11.00 hours in London for                                    |
| 7 This undertaking shall be governed by and construed<br>Law. The International Standby Practices (ICC Publics<br>the extent of any inconsistency with the terms of this letter  | ation ISP 98) apply except to                                |
| Full Name:   |  |
| Signod:  |  |
| * Insert 14.00 hours in London on specific termination<br>is stated, the guarantee will remain in force until of<br>London immediately after the expiry of 14 clear days<br>House in writing to that effect in accordance with participation | determined at 14.00 hours in s' notice by us to the Clearing |

| SCHEDULE   |
|--|
| [On Clearing House Notepaper]  |
| To: [NAME OF BANK]   |
| [ADDRESS PER PARA 4.4 OF BOND]   |
| Dear Sirs  |
| [NAME OF CLEARING MEMBER] (the "Clearing Member")  |
| PERFORMANCE BOND NO []   |
| <ol> <li>We refer to your Performance Bond referenced above. Terms defined in the<br/>Performance Bond have the same meanings where used in this letter.</li> </ol>  |
| 2. [WHERE DEMAND MADE UNDER PARAGRAPH 1.1 OF BOND]   |
| We now demand payment of [currency/amount]. We certify that this represents a<br>sum owing to the Clearing House by the Clearing Member which remains unpaid<br>and/or the amount of any loss, damage, expense or cost of whatsoever nature<br>suffered or incurred by the Clearing House as a result of the failure by the Clearing<br>Member to pay any amounts due to the Clearing House.   |
| AND/OR   |
| [WHERE DEMAND MADE UNDER PARAGRAPH 1.2 OF BOND]  |
| We now demand payment of [currency/amount]. This represents our estimate of the<br>amount likely to become due following a default by the Clearing Member. We<br>confirm that this amount represents an estimate and we undertake to repay to you<br>the excess (if any) of the amount paid by you over the amount of the liability of the<br>Clearing Member when finally established. Any such refund shall be paid together<br>with interest in compliance with the terms of paragraph 3 of the Performance Bond. |
| AND/OR   |
| [WHERE DEMAND MADE UNDER PARAGRAPH 1.3 OF BOND]  |
| We now demand payment of [currency/amount]. We certify that this represents the<br>balance finally established by the Clearing House as the amount due from the<br>Clearing Member to the Clearing House which is in excess of any amount paid by<br>you to the Clearing House pursuant to paragraph 1.2 of the Performance Bond.  |
| 3. Payment should be made to our account as follows:   |
| Bank:  |
| Address:   |
| Clearing Code:   |
| Account Number:  |
| [Other details as appropriate]   |

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Yours faithfully

For and on behalf of

LCH Clearnet Limited

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|  | ENDIX 4B  |  |  |  |  |
|--|---|--|--|--|--|
|  | ICE BOND") AMENDMENT FORM   |  |  |  |  |
|  | leaded Paper]   |  |  |  |  |
| Date:  |   |  |  |  |  |
| To: LCH.Clearnet Limited<br>Aldgate House<br>33 Aldgate High Street<br>London EC3N 1EA   |   |  |  |  |  |
| Re:       Guarantee No:       [         Date of Issue:       [         Amount:       [         On behalf of:       [Insert the Cleari         Account:       [State "House" of   |   |  |  |  |  |
|  | bership of [] (the "Clearing Member")<br>ereby agree to amendments to the terms of the<br>nee Bond") as set out in this letter.   |  |  |  |  |
| Bond, previously stated in the Per<br>[increased] [decreased] to [<br>of late payment by us. The period<br>previously stated in the Performand<br>be extended and such undertaking   | respect of all demands under the Performance<br>formance Bond as [], shall be<br>], exclusive of interest due in respect<br>of our undertaking under the Performance Bond<br>to terminate on [] shall<br>shall remain in force until []<br>ice as provided in the Performance Bond.   |  |  |  |  |
| Performance Bond to remain in for  | er the Performance Bond previously stated in the<br>ce until 14 days' notice by us shall terminate on<br>pon 14 days notice by us as provided in the  |  |  |  |  |
| * The period of our undertaking under the Performance Bond previously stated in the<br>Performance Bond to terminate on [] shall continue until the expiry of 14<br>days' notice by us to you in writing to the effect that the Performance Bond shall<br>expire upon the date specified in such notice.   |   |  |  |  |  |
| The amendments agreed between us and set out in this letter shall come into effect upon the date of your signing and returning the attached copy letter to us. This letter amends, supplements and shall be construed as part of the Performance Bond. Subject to the amendments set out in this letter, the Performance Bond shall remain in full force and effect.   |   |  |  |  |  |
| This letter shall be governed by and construed in accordance with English law.   |   |  |  |  |  |
| (*) One or more of these paragraphs to be  | e included as applicable.   |  |  |  |  |
| Signed:  |   |  |  |  |  |
| Amount:<br>On behalf of:<br>In consideration of your continuing the mem<br>on such basis as you may determine, we h<br>above mentioned guarantee (the "Performar<br>* Our maximum aggregate liability in<br>Bond, previously stated in the Per<br>[increased] [decreased] to [<br>of late payment by us. The period<br>previously stated in the Performance<br>be extended and such undertaking<br>unless otherwise terminated by not<br>* The period of our undertaking under<br>Performance Bond to remain in for<br>the earlier of [] or up<br>Performance Bond.<br>* The period of our undertaking under<br>Performance Bond.<br>* One or more of these paragraphs to be | r "Client"]<br>bership of [] (the "Clearing Member")<br>ereby agree to amendments to the terms of the<br>nee Bond") as set out in this letter.<br>respect of all demands under the Performance<br>formance Bond as [], shall be<br>], exclusive of interest due in respect<br>of our undertaking under the Performance Bond<br>ce Bond to terminate on [] shall<br>shall remain in force until []<br>ice as provided in the Performance Bond.<br>or the Performance Bond previously stated in the<br>ce until 14 days' notice by us shall terminate on<br>pon 14 days notice by us as provided in the<br>per the Performance Bond previously stated in the<br>g to the effect that the Performance Bond shall<br>ich notice.<br>et out in this letter shall come into effect upon the<br>tached copy letter to us. This letter amends,<br>part of the Performance Bond. Subject to the<br>mance Bond shall remain in full force and effect.<br>ed in accordance with English law. |  |  |  |  |

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|   | Guarantee ("Performance Bond") Amendment Form   |  |  |  |  |
|---|---|--|--|--|--|
|   | [Bank's Headed Paper]   |  |  |  |  |
| Date:   |   |  |  |  |  |
| <del>To:</del>  | LCH.Clearnet Limited<br>Aldgate House<br>33 Aldgate High Street<br>London EC3N 1EA  |  |  |  |  |
| <del>Re:</del>  | Guarantee No:       []         Date of Issue:       []         Amount:       []         On behalf of:       [Insert the Clearing Member's Name]         Account:       [State "House" or "Client"]  |  |  |  |  |
| <del>basis a</del>  | ideration of your continuing the membership of [] (the "Clearing Member") on such<br>s you may determine, we hereby agree to amendments to the terms of the above mentioned<br>tee (the "Performance Bond") as set out in this letter.                                  |  |  |  |  |
| *   | Our maximum aggregate liability in respect of all domands under the Performance Bond,<br>previously stated in the Performance Bond as[], shall be [increased] [decreased]<br>to [], exclusive of interest due in respect of late payment by us.                         |  |  |  |  |
| *   | -The period of our undertaking under the Performance Bond previously stated in the Performance Bond to terminate on [] shall be extended and such undertaking shall remain in force until [] unless otherwise terminated by notice as provided in the Performance Bond. |  |  |  |  |
| *   | The period of our undertaking under the Performance Bond previously stated in the Performance Bond to remain in force until 14 days' notice by us shall terminate on the earlier of [] or upon 14 days notice by us as provided in the Performance Bond.                |  |  |  |  |
| * The period of our undertaking under the Performance Bond previously stated in the<br>Performance Bond to terminate on [] shall continue until the expiry of 14 days'<br>notice by us to you in writing to the effect that the Performance Bond shall expire upon the<br>date specified in such notice. The amendments agreed between us and set out in this letter<br>shall come into effect upon the date of your signing and returning the attached copy letter to<br>us. This letter amends, supplements and shall be construed as part of the Performance<br>Bond. Subject to the amendments set out in this letter, the Performance Bond shall remain in<br>full force and effect. |   |  |  |  |  |
| This le   | tter shall be governed by and construed in accordance with English law.   |  |  |  |  |
| (*) One or more of these paragraphs to be included as applicable.   |   |  |  |  |  |
| Signed:   |   |  |  |  |  |
|   |   |  |  |  |  |

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## ON DUPLICATE

| We have read the above letter and agree to its terms. |  |   |  |  |  |  |  |
|---|--|---|--|--|--|--|--|
| For and on behalf of LCH.Clearnet Limited             |  |   |  |  |  |  |  |
| Signature:  |  | · |  |  |  |  |  |
| Name/Position:  |  |   |  |  |  |  |  |
| <del>Date:</del>                                      |  |   |  |  |  |  |  |

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## APPENDIX 4AC

# **CLIENT CONSENT FORM**

Client Consent Form can be found at the following link:

http://www.lchclearnet.com/Images/Client%20Consent%20Form\_tcm6-60957.pdf

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| Clearing House     | Procedures                     | Collateral                              |
|--------------------|--------------------------------|---|
|                    | APP                            | ENDIX 4BDF                              |
|                    | CONTINGENCY MEMBE              | R TRIPARTY LODGEMENT FORM               |
|                    |                                |   |
| CLCH.C             | LEARNET                        | MEMBER TRIPARTY LODGEMENT FORM          |
|                    |                                | EUROCLEAR                               |
| To LCH.Clearnet    | Limited ("the Clearing House") | Version 1: July 2007                    |
|                    |                                | LCH.Clearnet Limited Ref No: $00001ATS$ |
| From Clearing Memb | ber (full name)                |   |
| House/Client*      | Mnemonic                       | *Please delete as appropriate           |

We are entitled to the entire beneficial interest in these securities.

We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system (in the United Kingdom or elsewhere) which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Euroclear clearance system subject to fungibility regime organised by the Belgian Royal Decree No.62 of 10 November 1967 promoting the circulation of securities as amended from time to time.

| Execution Date | Currency | Nominal Amount | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |
|----------------|----------|----------------|------------------------------------|------------------------------------|
|                |          |                |                                    |                                    |
|                |          |                |                                    |                                    |

| Signatories for and on behalf of<br>The Clearing Member | 1.    | (Signature) | (Print Name) | (Position) |
|---|-------|-------------|--------------|------------|
|   | 2     | (Signature) | (Print Name) | (Position) |
|   | Date: |             |              |            |
|   |       |             |              |            |

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| Clearing House Procedur           | res            | Collateral                     |
|-----------------------------------|----------------|--------------------------------|
|                                   | APP            | PENDIX 4CEG                    |
| CONTING                           |                | R TRIPARTY AMENDMENT FORM      |
| C LCH.CLEARN                      | ΕŢ             | MEMBER TRIPARTY AMENDMENT FORM |
|                                   |                | EUROCLEAR                      |
|                                   |                |                                |
| To LCH.Clearnet Limited ("the Cle | earing House") | Version 1: May 2007            |
| From Clearing Member (full name)  |                |                                |
| House/Client*                     | Mnemonic       | *Please delete as appropriate  |

We are entitled to the entire beneficial interest in these securities.

We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system (in the United Kingdom or elsewhere) which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Euroclear clearance system subject to fungibility regime organised by the Belgian Royal Decree No.62 of 10 November 1967 promoting the circulation of securities as amended from time to time.

| Execution<br>Date | Lodgement<br>Number | Increase/<br>Decrease | Amount of<br>Increase/<br>Decrease | Currency | New<br>Nominal<br>Amount | Collateral Giver<br>Account<br>Number | Collateral<br>Taker Account<br>Number |
|-------------------|---------------------|-----------------------|------------------------------------|----------|--------------------------|---------------------------------------|---------------------------------------|
|                   |                     |                       |                                    |          |                          |                                       |                                       |
|                   |                     |                       |                                    |          |                          |                                       |                                       |

Signatories for and on behalf of The Clearing Member

| 1.    |             |              | ×          |  |
|-------|-------------|--------------|------------|--|
|       | (Signature) | (Print Name) | (Position) |  |
|       |             |              |            |  |
|       |             |              |            |  |
| 2     |             |              |            |  |
|       | (Signature) | (Print Name) | (Position) |  |
|       |             |              |            |  |
|       |             |              |            |  |
| Date: |             |              |            |  |
|       |             |              |            |  |

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| Clearing Hou                           | Clearing House Procedures Collar                     |             |                   |                                    |                                    |  |
|--|--|-------------|-------------------|------------------------------------|------------------------------------|--|
| 1                                      | APPENDIX 4DFH  |             |                   |                                    |                                    |  |
|  | CONTINGE   |             |                   |                                    | 4                                  |  |
|  |  |             |                   |                                    | <u>-</u>                           |  |
|  | . C L E A R N E T                                    |             | MEI               | MBER TRIPARTY                      | CLOSING FORM                       |  |
|  |  |             |                   |                                    | EUROCLEAR                          |  |
| To LCH.Clea                            | rnet Limited ("the Clearing l                        | House")     |                   |                                    | Version 1: May 2007                |  |
| From Clearing M                        | Member (full name)                                   |             |                   |                                    |                                    |  |
| House/Cli                              | House/Client* Mnemonic *Please delete as appropriate |             |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |
| Lodgement<br>Number                    | Closing Date &<br>Execution Date                     | Currency    | Nominal<br>Amount | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |
|  |  |             |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |
|  | L  |             |                   |                                    |                                    |  |
| Signatories for an<br>The Clearing Men |  | 1.          |                   |                                    | ς.                                 |  |
|  |  | (Signature) | )                 | (Print Name)                       | (Position)                         |  |
|  |  | 2           |                   |                                    |                                    |  |
|  |  | (Signature) | )                 | (Print Name)                       | (Position)                         |  |
|  |  | Date:       |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |
|  |  |             |                   |                                    |                                    |  |

| Clearing House | Procedures |
|----------------|------------|
|----------------|------------|

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## APPENDIX 4EG

CONTINGENCY MEMBER TRIPARTY LODGEMENT FORM

LCH.CLEARNET

## MEMBER TRIPARTY LODGEMENT FORM

### CLEARSTREAM

|      | House/Client*                   | Mnemonic     | *Please delete as appropriate |
|------|---------------------------------|--------------|-------------------------------|
| From | Clearing Member (full name)     |              |                               |
| 10   | LCH.Clearnet Emined ( the Clea  | ing House )  | LCH.Clearnet Limited Ref No:  |
| То   | LCH.Clearnet Limited ("the Clea | ring House") | Version 1: July 2007          |

We are entitled to the entire beneficial interest in these securities.

We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system (in the United Kingdom or elsewhere) which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Clearstream clearance system subject to the fungibility regime organised by the Luxembourg Law of 1 August 2001 on the circulation of securities and other financial instruments as amended from time to time.

| Execution Date | Currency | Nominal Amount | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |
|----------------|----------|----------------|------------------------------------|------------------------------------|
|                |          |                |                                    |                                    |
|                |          |                |                                    |                                    |
|                |          |                |                                    |                                    |

| Signatories for and on behalf of<br>The Clearing Member | 1.    |             |              | ς.            |
|---|-------|-------------|--------------|---------------|
|   |       | (Signature) | (Print Name) | (Position)    |
|   | 2     | (Signature) | (Print Name) | (Position)    |
|   | Date: |             |              |               |
| LCH.Clearnet Limited © 2013                             |       | 30          |              | December 2013 |

| Clearing House Procedures                      | Collateral                     |
|--|--------------------------------|
|  |                                |
| AF   | PENDIX 4FH                     |
| CONTINGENCY MEMBE                              | R TRIPARTY AMENDMENT FORM      |
|  |                                |
| C LCH.CLEARNET                                 | MEMBER TRIPARTY AMENDMENT FORM |
|  | CLEARSTREAM                    |
|  | Version 4. May 2007            |
| To LCH.Clearnet Limited ("the Clearing House") | Version 1: May 2007            |
| From Clearing Member (full name)               |                                |
| House/Client* Mnemonic                         | *Please delete as appropriate  |

We are entitled to the entire beneficial interest in these securities.

We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system (in the United Kingdom or elsewhere) which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Clearstream clearance system subject to the fungibility regime organised by the Luxembourg Law of 1 August 2001 on the circulation of securities and other financial instruments as amended from time to time.

| Execution<br>Date | Lodgement<br>Number | Increase/<br>Decrease | Amount of<br>Increase/<br>Decrease | Currency | New<br>Nominal<br>Amount | Collateral Giver<br>Account<br>Number | Collateral<br>Taker Account<br>Number |
|-------------------|---------------------|-----------------------|------------------------------------|----------|--------------------------|---------------------------------------|---------------------------------------|
|                   |                     |                       |                                    |          |                          |                                       |                                       |
|                   |                     |                       |                                    |          |                          |                                       |                                       |

Signatories for and on behalf of The Clearing Member

| 1.    |             |              | ×          |  |
|-------|-------------|--------------|------------|--|
|       | (Signature) | (Print Name) | (Position) |  |
|       |             |              |            |  |
| 2     | (Signature) | (Print Name) | (Position) |  |
|       |             |              |            |  |
| Date: |             |              |            |  |

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| Clearing House Proce                                 | dures               |         |                  | Collateral                    |                  |
|--|---------------------|---------|------------------|-------------------------------|------------------|
| <u>CON</u>   |                     |         |                  |                               |                  |
|  | CLOSING FORM        |         |                  |                               |                  |
|  |                     |         |                  | CLEARSTREAM                   |                  |
| To LCH.Clearnet Limited ("tl                         | ne Clearing House") |         |                  | Version 1: May 2007           |                  |
| From Clearing Member (full nar                       | ne)                 |         |                  |                               |                  |
| House/Client*  | Mnemonic            |         |                  | *Please delete as appropriate |                  |
| Lodgement Closing                                    | Date &              | Nominal | Collateral Giver | Collateral Taker              |                  |
| Number Executio                                      | n Date Currency     | Amount  | Account Number   | Account Number                |                  |
|  |                     |         |                  |                               |                  |
|  |                     |         |                  |                               |                  |
| Signatories for and on behalf of The Clearing Member | 1                   |         |                  |                               |                  |
|  | (Signatur           | e)      | (Print Name)     | (Position)                    |                  |
|  | 2(Signatur          | e)      | (Print Name)     | (Position)                    |                  |
|  | Date:               |         |                  |                               |                  |
|  |                     |         |                  | •                             | Formatted: Title |
|  |                     |         |                  |                               |                  |
|  |                     |         |                  |                               |                  |
|  |                     |         |                  |                               |                  |
| LCH.Clearnet Limited ©                               | 2013                | 32      |                  | December 2013                 |                  |

| APPENDIX 4H         CONTINGENCY MEMBER TRIPARTY LODGEMENT FORM         Improvementation of the second secon |  |  |  |  |  |  |
|---|--|--|--|--|--|--|
| MEMBER TRIPARTY LODGEMENT FORM         BNY Mellon US domestic platform (GSCX)         Version 1: Mar 2014         To       LCH.Clearnet Limited ("the Clearing House")         Erom       Clearing Member (full name)         House/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Everytion Date       Currency (USD       Amount       Collateral Giver  |  |  |  |  |  |  |
| BNY Mellon US domestic platform (GSCX)         Version 1: Mar 2014         To       LCH.Clearnet Limited ("the Clearing House")         ICH.Clearnet Limited ("the Clearing House")         Erom       Clearing Member (full name)         Image/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       Please delete as appropriate         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Collateral Giver       Collateral Taker   |  |  |  |  |  |  |
| BNY Mellon US domestic platform (GSCX)         Version 1: Mar 2014         To       LCH.Clearnet Limited ("the Clearing House")         ICH.Clearnet Limited ("the Clearing House")         Erom       Clearing Member (full name)         Image/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       Please delete as appropriate         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Collateral Giver       Collateral Taker   |  |  |  |  |  |  |
| Version 1: Mar 2014         To       LCH.Clearnet Limited ("the Clearing House")         From       Clearing Member (full name)         House/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       Please delete as appropriate         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Evenution Date       Currency (USD       Amount       Collateral Giver       Collateral Taker  |  |  |  |  |  |  |
| To       LCH.Clearnet Limited ("the Clearing House")         From       Clearing Member (full name)         House/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.       Collateral Giver       Collateral Taker   |  |  |  |  |  |  |
| From       Clearing Member (full name)         House/Client*       Mnemonic       *Please delete as appropriate         We are entitled to the entire beneficial interest in these securities.       *Please delete as appropriate         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Evecution Date       Currency (USD       Amount       Collateral Giver       Collateral Taker  |  |  |  |  |  |  |
| We are entitled to the entire beneficial interest in these securities.         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Execution Date         Currency (USD         Amount       Collateral Giver   |  |  |  |  |  |  |
| We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         Execution Date       Currency (USD       Amount       Collateral Giver       Collateral Taker   |  |  |  |  |  |  |
| securities clearing or settlement system which may for the time being be customarily used in<br>connection with securities of similar kinds on a fungible basis and subject to the rules of the<br>relative system and the terms and conditions of its operator, and the Clearing House has no<br>responsibility for the performance of any such custodian, system or operator.Evecution DateCurrency (USDAmountCollateral GiverCollateral Giver  |  |  |  |  |  |  |
| responsibility for the performance of any such custodian, system or operator.       Execution Date     Currency (USD     Amount     Collateral Giver     Collateral Taker   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |
| Signatories for and on behalf of  |  |  |  |  |  |  |
| The Clearing Member     1.     .       (Signature)     (Print Name)     (Position)  |  |  |  |  |  |  |
| 2   |  |  |  |  |  |  |
| (Signature) (Print Name) (Position)   |  |  |  |  |  |  |
| Date:   |  |  |  |  |  |  |
|   |  |  |  |  |  |  |

| Clearing House Procedures  |  |   |   | Collateral                              |                      |
|--|--|---|---|---|----------------------|
|  |  |   |   |   |                      |
| CONTINGENCY  | MEMBER TRIPARTY  | AMENDMENT F   | ORM   |   |                      |
| C LCH.CLEARNET   | NT FORM  |   |   |   |                      |
|  | BNY Me   | ellon US domes  | tic platforn                                | n (GSCX)                                |                      |
| To LCH.Clearnet Limited ("the Clearing House   | 1  |   | <u>Versi</u>                                | ion 1: Mar 2014                         |                      |
| From Clearing Member (full name)   |  |   |   |   |                      |
| House/Client* Mnemon   | <u> </u>   |   | <u>*Please dele</u>                         | ete as appropriate                      |                      |
| We are entitled to the entire bene   |  |   |   |   |                      |
| We acknowledge that these sessecurities clearing or settlement connection with securities of simmediative system and the terms and responsibility for the performance         Execution       CMS       Increase/         Date       Reference       Decrease         Signatories for and on behalf of The Clearing Member       The Clearing Member | system which may for t<br>lar kinds on a fungible<br>d conditions of its oper<br>of any such custodian | the time being be<br>basis and subje<br>rator, and the Cl<br>h, system or ope<br>bilateral Giver<br>Account | e customari<br>ect to the ru<br>earing Hous | ily used in<br>iles of the<br>se has no | Formatted: Body Text |
| Dat  | (Signature)  | (Print Name)  | (Position                                   | <u>)</u>                                |                      |
|  |  |   |   |   |                      |

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| Clearing House Procedures                               |                   |               |                                    | Collateral                         |  |  |
|---|-------------------|---------------|------------------------------------|------------------------------------|--|--|
|   | APPENDIX 4J       |               |                                    |                                    |  |  |
| CONTINGE  | ENCY MEMBE        |               | CLOSING FORM                       | <u>n</u>                           |  |  |
| LCH.CLEARNET  |                   | ME            | MBER TRIPARTY                      | CLOSING FORM                       |  |  |
|   |                   | BNY Me        | llon US domestic                   | platform (GSCX)                    |  |  |
| To LCH.Clearnet Limited ("the Clearing                  | House")           |               |                                    | Version 1: Mar 2014                |  |  |
| From Clearing Member (full name)                        |                   |               |                                    |                                    |  |  |
| House/Client* M   | nemonic           |               |                                    | *Please delete as appropriate      |  |  |
|   |                   |               |                                    |                                    |  |  |
| CMS<br>ReferenceClosing Date &<br>Execution Date        | <u>Currency</u>   | <u>Amount</u> | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
| Signatories for and on behalf of<br>The Clearing Member | <u>1.</u>         |               |                                    | 、<br>                              |  |  |
|   | <u>(Signature</u> | <u>e)</u>     | (Print Name)                       | <u>(Position)</u>                  |  |  |
|   | 2<br>(Signature   | <u>e)</u>     | (Print Name)                       | (Position)                         |  |  |
|   | Date:             |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |
|   |                   |               |                                    |                                    |  |  |

Collateral

## APPENDIX 4<mark>KJ</mark>

## CONTINGENCY COLLATERAL LODGEMENT FORM

CH.CLEARNE1 CONTINGENCY COLLATERAL LODGEMENT FORM Version 1: December 2011 To: LCH.Clearnet Limited (the "Clearing House") LCH.Clearnet Limited Ref No: From: Clearing Member (full name) ..... House/Client/Buffer\* Mnemonic: ..... \*Please delete as appropriate We are/A client is\* entitled to the entire beneficial interest in these securities. (If a client is entitled to the entire beneficial interest, a Client Consent Form must be completed by the client and submitted to the Clearing House.) \*Please delete as appropriate Beneficial Owner Name (full name) We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system (in the United Kingdom or elsewhere) which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Euroclear clearance system subject to the fungibility regime organised by the Belgian Royal Decree No. 62 of 10 November 1967 promoting the circulation of securities as amended from time to time. **Description of** Amount/Nominal Value Security Code Number Settlement Date Trade Date Security Delivery from: Depository/Agent (for US Securities, Broker Code): Account Holder: Account Number: Beneficial Owner Italian Tax ID: Delivery to: Euroclear Euroclear Euroclear UK & BONY (US BONY (Non-Citibank (US Citibank (Non-Bank Bank Ireland Owners) US Owners) US Owners) Owners) (Global) (Italian) (Crestco) 735136 735137 090401 090372 91205 91737 5165 Signatories for and on behalf of the 1 Clearing Member: (Signature) (Print Name) (Position) 2. (Signature) (Print Name) (Position) Date:

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## APPENDIX 4LK

## CONTINGENCY COLLATERAL RELEASE FORM

| C LCH.CLEARNE                        | 1                   |                  |   |                               |
|--------------------------------------|---------------------|------------------|---|-------------------------------|
| CON                                  |                     |                  | L RELEASE FORM  |                               |
|                                      |                     |                  |   | Version 1: February 2011      |
| To: LCH.Clearnet Limited (           | the "Clearing H     | ouse")           |   |                               |
| From: Clearing Member (full r        | name)               |                  |   |                               |
| House/Client Account                 | Mnemonic: .         |                  |   | *Please delete as appropriate |
| We hereby request you to release     | e the securities of | described below. |   |                               |
| Security Code Number De (e.g.: ISIN) | elivery Date        | Trade Date       | Amount/Nominal<br>Value(Issue - Coupon -<br>Maturity) | Description of<br>Security    |
|                                      |                     |                  |   |                               |
| (The Clearing House Ref No:          |                     |                  | (from lodgement form                                  | )                             |
|                                      |                     |                  |   |                               |
| Delivery to: Depository/Agent        |                     |                  |   |                               |
| US Securities, Broker Code           |                     |                  |   |                               |
| Account Holder:                      |                     |                  |   |                               |
| Account Number                       |                     |                  |   |                               |
| Signatories for and on behalf of the |                     |                  |   |                               |
| Clearing Member:                     | 1.                  |                  |   |                               |
|                                      | (Signatur           | e)               | (Print Name)  | (Position)                    |
|                                      | 2.                  |                  |   |                               |
|                                      | (Signatur           | e)               | (Print Name)  | (Position)                    |
|                                      | Date:               |                  |   |                               |
|                                      |                     |                  |   |                               |
| To: THE ABOVE-NAMED CLE              | ARING MEMBE         | R                |   |                               |
| The release of the above-r           | mentioned secur     | ities is agreed. |   |                               |
| For and on behalf of LCH.Clearne     | et Limited          | Date             | т   | ime                           |
| (Authorised Signatory)               |                     |                  |   |                               |

Registered in England No. 25932 Registered Office: Aldgate House, 33 Aldgate High Street, London EC3N 1EA Recognised as a Clearing House under the Financial Services and Markets Act 2000.

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## APPENDIX 4ML

## LCH.CLEARNET ACCOUNTS FOR DELIVERY OF MARGIN COLLATERAL EXCLUDING FCM CLIENT

|                | Margin Collateral |                            |          |          |       |                |   |  |
|----------------|-------------------|----------------------------|----------|----------|-------|----------------|---|--|
|                | Bank of New York  |                            | Citibank | Citibank |       | Euroclear Bank |   |  |
|                | 735136            | 735137<br>090401<br>090372 |          | 91205    | 91737 | 5165           |   |  |
| Australia      |                   |                            |          |          | Х     |                |   |  |
| Austria        |                   |                            |          |          | Х     |                |   |  |
| Belgium        |                   |                            |          |          | Х     |                |   |  |
| Canada         |                   |                            |          |          | Х     |                |   |  |
| Denmark        |                   |                            |          |          | Х     |                |   |  |
| EUR Agencies   |                   |                            |          |          | Х     |                |   |  |
| Finland        |                   |                            |          |          | Х     |                |   |  |
| France         |                   |                            |          |          | Х     |                |   |  |
| Germany        |                   |                            |          |          | Х     |                |   |  |
| Italy          |                   |                            |          |          |       | Х              |   |  |
| Japan          |                   |                            |          |          | Х     |                |   |  |
| Luxembourg     |                   |                            |          |          | Х     |                |   |  |
| Netherlands    |                   |                            |          |          | Х     |                |   |  |
| Norway         |                   |                            |          |          | Х     |                |   |  |
| Spain          |                   |                            |          |          | Х     |                |   |  |
| Sweden         |                   |                            |          |          | X     |                |   |  |
| United Kingdom |                   |                            |          |          |       |                | X |  |
| United States  | X                 | Х                          | X        | X        |       |                |   |  |
| US Agencies    | Х                 | Х                          | Х        | Х        |       |                |   |  |

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# APPENDIX 4NM

PRECIOUS METAL COLLATERAL LODGEMENT FORM

|  |  | Precious Metal Collat   | eral Lodgement                 |  |  |  |  |
|--|--|---|--------------------------------|--|--|--|--|
| LCH.C  | LEARNET  | Form  | -                              |  |  |  |  |
|  |  |   | Version 11: April 2011         |  |  |  |  |
|  |  | LCH.Clearnet Limited Ref No:  |                                |  |  |  |  |
| To: LCH.Clearnet Lim   | nited (the "Clearing House")   |   |                                |  |  |  |  |
| From Clearing Member :   | (full name):   |   |                                |  |  |  |  |
| House/Client Account* Mnemonic: *Please delete as appropriate  |  |   |                                |  |  |  |  |
| We are entitled to the entire beneficial interest in the Precious Metal described below and wish to provide it by way of security for the arrangements described in this Lodgment Form |  |   |                                |  |  |  |  |
| allocated account via vault of<br>a member of London Preciou<br>AURUM (the electronic matc<br>the performance of, or any de  | We acknowledge that (i) the Precious Metals may be held by the Clearing House in an unallocated account and/or through an<br>allocated account via vault of the Clearing House held with or through an institution ("LPMCL Precious Metals Agent") which is<br>a member of London Precious Metals Clearing Limited ("LPMCL"), (ii) the Precious Metals may be held subject to the terms of<br>AURUM (the electronic matching and settlement system operated by LPMCL), (iii) the Clearing House has no responsibility for<br>the performance of, or any default on the part of, any such LPMCL Precious Metals Agent, LPMCL or any associated custodian,<br>system or operator and (iv) we consent to the Precious Metals being held in or through an unallocated and/or allocated account<br>on the terms just described. |   |                                |  |  |  |  |
| Description of<br>Precious Metal   | Weight Oz (round 400oz lots,<br>minimum 10,000oz)  | Lodgement date  | Member Ref                     |  |  |  |  |
|  |  |   |                                |  |  |  |  |
| AURUM Client name  | AURUM Client ID  | AURUM Client Account Ref  | AURUM members                  |  |  |  |  |
|  |  |   | Clearer ID                     |  |  |  |  |
|  |  | AURUM account details   |                                |  |  |  |  |
|  | To Barclays Bank plc (S  |   |                                |  |  |  |  |
| Clearing House Account N   |  |   |                                |  |  |  |  |
| Signatories for and on<br>behalf of the Clearing<br>Member:  | 1.   |   |                                |  |  |  |  |
| Member:  | (Signature)  | (Print Name)  | (Position)                     |  |  |  |  |
|  | 2. (Signature)   | (Print Name)  | (Position)                     |  |  |  |  |
|  | (  | (**************************************   | (*******)                      |  |  |  |  |
|  | Date:  |   |                                |  |  |  |  |
|  |  |   |                                |  |  |  |  |
| To: THE ABOVE-NAM  | ED CLEARING MEMBER   |   |                                |  |  |  |  |
| We accept the Precious Meta executed in our favour and,  | al as "Charged Property" transferr<br>where necessary or appropriate   | ed to us under the Charge over Pr<br>for these purposes, the Precious<br>ged Property in order to complete th | Metal shall be included in the |  |  |  |  |
| We accept the Precious Meta executed in our favour and,  | al as "Charged Property" transferr<br>where necessary or appropriate   | for these purposes, the Precious  | Metal shall be included in the |  |  |  |  |
| We accept the Precious Meta<br>executed in our favour and,<br>Schedule to the Form of Char<br>For and on behalf of   | al as "Charged Property" transferr<br>where necessary or appropriate<br>rge over Precious Metals as Charg  | for these purposes, the Precious<br>ged Property in order to complete th                                      | Metal shall be included in the |  |  |  |  |
| We accept the Precious Meta<br>executed in our favour and,<br>Schedule to the Form of Char<br>For and on behalf of<br>LCH Clearnet Limited<br>(Authorised Signatory):                  | al as "Charged Property" transferr<br>where necessary or appropriate<br>rge over Precious Metals as Charg  | for these purposes, the Precious<br>ged Property in order to complete th<br>Time:                             | Metal shall be included in the |  |  |  |  |

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Clearing House Procedures

Collateral

|   |          | APPEND  | DIX 4 <mark>0N</mark>   |                                       |
|---|----------|---|---|---------------------------------------|
| CLCH.C  | LE       | EARNET  | Precious Metal Collat   | Version 11: April 2011                |
| To: LCH.Clearnet Lim  | nited (1 | he "Clearing House")  |   |                                       |
| From Clearing Member<br>:                                       | (full n  | ame):   |   |                                       |
| House/Client A  | ccou     | nt* Mnemon  | ic:   | *Please delete as appropriate         |
| We hereby request you to de<br>which we have executed in you    | our fav  |   | below from The Schedule of the                                  | -                                     |
| Precious Metal  |          | minimum 10,000oz)   | Release date  | Member Ref                            |
|   |          |   |   | ·                                     |
| AURUM Client name   |          | AURUM Client ID   | AURUM Client Account Ref  | AURUM members<br>Clearer ID           |
|   |          |   |   |                                       |
|   | 1        |   | AURUM account details   |                                       |
| Clearing House Account N  | No       | To Barclays Bank plc (SV<br>a/c LCH Collateral Accou<br>a/c 32989 |   |                                       |
| Signatories for and on<br>behalf of the Clearing<br>Member:     | 1.       |   |   |                                       |
|   | 2.       | (Signature)   | (Print Name)  | (Position)                            |
|   |          | (Signature)   | (Print Name)  | (Position)                            |
|   | Date     |   |   |                                       |
| To: THE ABOVE-NAMI  | ED CL    | EARING MEMBER   |   |                                       |
| The deletion of the above-me<br>executed in our favour is agree |          | ed Precious Metal from The  | Schedule of the Charge over Pr                                  | recious Metals which you have         |
| For and on behalf of<br>LCH Clearnet Limited                    | Date     | :<br>   | Time:   |                                       |
| (Authorised Signatory):   |          |   |   |                                       |
| Registered in England No. 25<br>Recognised as a Clearing Ho     |          |   | use, 33 Aldgate High Street, Lond<br>nd Markets Act 2000. LCH.C | ION EC3N 1EA<br>CLEARNET LIMITED COPY |

# LCH.Clearnet Rule Submission

Exhibit C

# CONTENTS

Contents

FCM PROCEDURES......1 FCM CLEARING MEMBER STATUS ......1 FCM Clearing Member Application Procedure ......1 1.1 1.2 Net Capital. Calculation Of Net Capital......5 1.3 Reporting......5 1.4 1.5 Additional Requirements ..... 1.6 PRODUCT-SPECIFIC PROCEDURES ......8 2. SWAPCLEAR ......9 2A 2A.1 Operating Times And Calendars.....10 2A.2 2A.3 Registration .....10 2A.4 2A.5 Financial Accounts ......19 2A.6 2A.7 2A.8 2A.9 2A 10 2A.11 2A.12 2A.13 Amendment of Trade References......40 2A.14 2A.15 2A.16 2A.17 Section 696, Corporation Tax Act 2009......48 ......49 APPENDIX 2A.A. APPENDIX 2A.C... <u>......55</u> APPENDIX 2A.D. FCM CLIENT TRANSFER – CARRY FCM CLEARING MEMBER APPENDIX 2A.E.. CONFIDENTIALITY, NON-DISCLOSURE AND PARTICIPATION IN THE DEFAULT MANAGEMENT GROUP......57 2B FOREXCLEAR......62 2B.1 2B.2 LCH.Clearnet Limited © 2014 i February 2014

### Style Definition: Title: (none)

| FCM P        | Procedure   | es Conte  | <u>ents</u> |
|--------------|-------------|---|-------------|
|              | 2B.3        | Termination of FX FCM Status                                      | .62         |
|              | <u>2B.4</u> | Service Scope   | 62          |
|              | <u>2B.5</u> | Position Accounts   | <u>63</u>   |
|              | <u>2B.6</u> | Financial Accounts  | <u>64</u>   |
|              | 2B.7        | Novation and Registration   | 65          |
|              | 2B.8        | Trade Validation and Registration                                 | 68          |
|              | 2B.9        | Market Data   | .74         |
|              | 2B.10       | FCM ForexClear Contract Valuation                                 | 77          |
|              | 2B.11       | Initial Margin ("IM")   | .79         |
| <u>2B.12</u> | ADDITIC     | ONAL MARGIN, MER BUFFER, MCE AND INTRADAY MARGIN CALLS            |             |
|              | 2B.13       | Initial Margin Management Events Service ("IMMES")                | 82          |
|              | 2B.14       | Intra-Day Margin Call: Collateral Management                      | 83          |
|              | 2B.15       | General Margining Process   | .83         |
|              | 2B.16.      | Types of Margin Runs  |             |
|              | 2B.17       | Margin Run Process  |             |
|              | 2B.18       | Transfer of FCM Clients; Defaulting FCM Clients and Affiliates    |             |
|              | 2B.19       | Proprietary Account Position Transfers                            |             |
|              | 2B.20       | FCM Clearing Member's Client Fund Transfer                        | .89         |
|              | 2B.21       | ForexClear Reporting  |             |
|              | 2B.22       | Treasury Operations & Collateral Management                       | .91         |
|              | 2B.23       | Default Management  |             |
|              | 2B.24       | Payment of Stamp Tax  |             |
|              | 2B.25       | Section 696, Corporation Tax Act 2009                             |             |
| 2C           | ENCLE       | AR1   | 11          |
|              | 2C.1        | General Matters1  | 11          |
|              | 2C.2        | Freight Division1   | 27          |
|              | 2C.3        | Option Exercise and Expiry1                                       | 30          |
| 2D.          | THE FC      | M NODAL CLEARING SERVICE1   |             |
| 3.           | FINANC      | IAL TRANSACTIONS1   | 39          |
|              | <u>3.1</u>  | Accounts1   | 39          |
|              | 3.2         | Protected Payments System (PPS)1                                  | 40          |
|              | 3.3         | Acceptable Forms Of Collateral1                                   | 44          |
|              | 3.4         | Distribution Of Collateral1                                       | 44          |
|              | 3.5         | Interest And Accommodation Charge Structure1                      | 45          |
|              | 3.6         | Fees1   | 48          |
|              | 3.7         | Default Fund; SwapClear Contributions1                            | 49          |
|              | 3.8         | Quantifying SwapClear Contributions1                              | 49          |
|              | 3.9         | Default Fund; ForexClear Contributions1                           |             |
|              | 3.10        | Quantifying ForexClear Contributions1                             |             |
|              | 3.11        | Default Fund Contributions and Loss Distribution Charges: EnClear | -           |
|              |             | Service and Nodal Service1  | <u>50</u>   |
|              | APPEN       | DIX 3A1   | <u>51</u>   |

| FCM | Procedur          | ïes   | Contents                 |
|-----|-------------------|---|--------------------------|
|     |                   | BANK PARTICIPANTS IN THE LONDON PROTECTED                   |                          |
|     |                   | PAYMENTS SYSTEM   | <u>151</u>               |
|     | APPEN             | IDIX 3B   | <u>152</u>               |
|     |                   | BANK PARTICIPANTS IN THE LONDON PROTECTED                   |                          |
|     |                   | PAYMENTS SYSTEM   | <u>152</u>               |
|     | APPEN             | IDIX 3C   | <u>154</u>               |
|     |                   | BANK PARTICIPANTS IN THE US PROTECTED PAYMENTS              |                          |
|     |                   | SYSTEM  |                          |
|     | <u>APPEN</u>      | IDIX 3D   | <u>155</u>               |
|     |                   | MANDATE FOR LCH.CLEARNET LIMITED: CLEARING<br>OPERATIONS    | <u>155</u>               |
| 4.  | COLLA             | TERAL   | <u>156</u>               |
|     | 4.1               | General Information   | <u>156</u>               |
|     | 4.2               | Securities  | 159                      |
|     | 4.3               | Instructions via the Collateral Management System           |                          |
|     | 4.4               | Triparty Service with Euroclear, Clearstream and BNY Mellon |                          |
|     | 4.5               | Withholding Taxes   |                          |
|     | 4.6               | References  |                          |
|     |                   | Contingency arrangements                                    |                          |
|     | 4.8               | Return of Unallocated Excess and FCM Buffer                 |                          |
|     | <u>4.0</u><br>4.9 | Collateral Value Reports                                    |                          |
|     |                   |   |                          |
|     | APPEN             | IDIX 4A   |                          |
|     |                   | FCM Client Account Lodgment Form                            |                          |
|     | APPEN             | IDIX 4B   |                          |
|     |                   | Contingency FCM House Account Lodgment Form                 |                          |
|     | APPEN             | IDIX 4C   |                          |
|     |                   | Contingency Collateral Release Form                         |                          |
|     |                   | dix 4D  |                          |
|     | -                 | nent Accounts   |                          |
|     | APPEN             | IDIX 4E   | 174 <del>173</del>       |
|     |                   | Contingency Member Triparty Lodgement Form                  | 174 <del>173</del>       |
|     | APPEN             | IDIX 4F   | 175 <del>174</del>       |
|     |                   | Contingency Member Triparty Amendment Form                  | 175 <del>174</del>       |
|     | <u>APPEN</u>      | IDIX 4G   | <u>176<del>175</del></u> |
|     |                   | Contingency Member Triparty Closing Form                    | <u>176<del>175</del></u> |
|     | APPEN             | IDIX 4H   | <u>177<del>176</del></u> |
|     |                   | Contingency Member Triparty Lodgement Form                  | <u>177<del>176</del></u> |
|     | APPEN             | IDIX 41   |                          |
|     |                   | Contingency Member Triparty Amendment Form                  |                          |
|     | APPEN             | IDIX 4J   |                          |
|     |                   | Contingency Member Triparty Closing Form                    |                          |
|     | APPEN             | IDIX 4K   |                          |
|     | <u></u>           | Contingency Member Triparty Lodgement Form                  |                          |
|     |                   | contragency member reparty bodgement roll management        |                          |

| <u>FCM</u> | Procedu    | ires  | Contents                 |
|------------|------------|---|--------------------------|
|            | APPE       | NDIX 4L   | 182 <del>180</del>       |
|            |            | Contingency Member Triparty Amendment Form              | 182 <del>180</del>       |
|            | APPE       | NDIX 4M   |                          |
|            |            | Contingency Member Triparty Closing Form                |                          |
|            | APPE       | NDIX 4N   |                          |
|            |            | Contingency Member Triparty Lodgement Form              |                          |
|            | APPE       | NDIX 40   | 187 <del>183</del>       |
|            |            | Contingency Member Triparty Amendment Form              | 187 <del>183</del>       |
|            | APPE       | NDIX 4P   | <u>189<del>184</del></u> |
|            |            | Contingency Member Triparty Closing Form                | <u>189<del>184</del></u> |
| 5.         | BUSIN      | NESS RECOVERY   | <u>191<del>186</del></u> |
|            | <u>5.1</u> | Recovery Situations                                     | <u>191<del>186</del></u> |
|            | 5.2        | Recovery Situations Affecting Members' Offices          | <u>191<del>186</del></u> |
|            | 5.3        | Aldgate House Evacuation                                | <u>191<del>186</del></u> |
|            | 5.4        | Clearing House Data Centre                              | <u>194<del>189</del></u> |
|            | 5.5        | Compliance with Business Continuity Testing             | <u>194<del>189</del></u> |
| 6.         | APPE       | AL PROCEDURES   | <u>196<del>191</del></u> |
|            | 6.1        | Introduction  | <u>196<del>191</del></u> |
|            | 6.2        | Decisions In Respect Of Which An Appeal May Be Lodged   | <u>196<del>191</del></u> |
|            | 6.3        | Initiating An Appeal                                    | <u>196<del>191</del></u> |
|            | 6.4        | The First Tier Appeal                                   | <u>197<del>192</del></u> |
|            | 6.5        | The Second Tier Appeal                                  | <u>198<del>193</del></u> |
|            | 6.6        | Requests For Review                                     | <u>200<del>195</del></u> |
|            | 6.7        | Market Disorders etc. and Default                       | <u>200<del>195</del></u> |
|            | APPE       | NDIX 6A   | <u>201<del>196</del></u> |
|            |            | APPEAL FORM   | <u>201<del>196</del></u> |
|            | APPE       | NDIX 6B   | <u>203<del>198</del></u> |
|            |            | NOTICE OF FURTHER APPEAL                                | 203 <del>198</del>       |
| 7.         | COMF       | PLAINTS   | 205 <del>200</del>       |
|            | 7.1        | Introduction  | <u>205<del>200</del></u> |
|            | 7.2        | How To Make A Complaint                                 | <u>205<del>200</del></u> |
|            | 7.3        | Internal Investigation And Review By The Clearing House | <u>206<del>201</del></u> |
|            | 7.4        | Referral To An Independent Investigator                 | <u>206<del>201</del></u> |
|            | 7.5        | Procedure For Dealing With The Complaint                | <u>207<del>202</del></u> |
|            | <u>7.6</u> | Outcomes  | <u>208<del>203</del></u> |
| <u>8.</u>  | DISCI      | PLINARY PROCEEDINGS                                     | 209 <del>204</del>       |
|            | <u>8.1</u> | SCOPE OF THIS PROCEDURE                                 | <u>209<del>204</del></u> |
|            | 8.2        | INVESTIGATION PROCEDURE                                 | 209 <del>204</del>       |
|            | <u>8.3</u> | IMMEDIATE MEASURE                                       | 214 <del>209</del>       |
|            | <u>8.4</u> | SANCTIONS   | 215 <del>210</del>       |
|            | <u>8.5</u> | DISPUTING A DECISION                                    | 215 <del>210</del>       |
|            | <u>8.6</u> | REPORTING AND PUBLICATION                               | <u>216<del>211</del></u> |

| M Proced    | dures Co  | <u>ntents</u>    |                                 |     |
|-------------|---|------------------|---------------------------------|-----|
| <u>8.7</u>  | INFRINGEMENT OF APPLICABLE LAW                                    | 6 <del>211</del> |                                 |     |
| V PROC      | EDURES.   | 1                |                                 |     |
| FCN         | I CLEARING MEMBER STATUS  | 1                | Formatted                       | (   |
| 1.1         | FCM Clearing Member Application Procedure                         | 1                | Formatted                       | (   |
| 1.2         | Net Capital   | 4                | Formatted                       | (   |
| 1.3         | Calculation Of Net Capital  | 5                | Formatted                       | (   |
| 1.4         | Reporting   | 5                | Formatted                       | (   |
| 1.5         | Additional Requirements   | 6                | Formatted                       | (   |
| 1.6         | Other Conditions  | 7                | Formatted                       |     |
| PRC         | DUCT-SPECIFIC PROCEDURES  | 8                | Formatted                       | (   |
|             | APCLEAR   | 9                | Formatted                       |     |
| 2A.1        | The Clearing Process  |                  | Formatted                       | (   |
| 2A.2        |   | 10               | Formatted                       | _   |
| 2A.3        |   |                  | Formatted                       |     |
| 2A.4        | A U   | 16               | Formatted                       |     |
| <u>2A.5</u> |   |                  | Formatted                       |     |
| •           |   |                  |                                 |     |
| <u>2A.6</u> |   | 17               | Formatted                       |     |
| <u>2A.7</u> |   | <u>19</u>        | Formatted                       | (   |
| <u>2A.8</u> |   | 30               | Formatted                       | (   |
| <u>2A.9</u> |   | 31               | Formatted                       | (   |
| <u>2A.1</u> |   | <del>32</del>    | Formatted                       | (   |
| <u>2A.1</u> |   | <del>32</del>    | Formatted                       | (   |
| <u>2A.1</u> | 2 Transfers of FCM Clients; Defaulting FCM Clients and Affiliates | 33               | Formatted                       | (   |
| <u>2A.1</u> | 3 Proprietary Account Position Transfers                          | 36               | Formatted                       | (   |
| <u>2A.1</u> | 4 Amendment of Trade References                                   | 37               | Formatted                       | (   |
| <u>2A.1</u> | 5 Default Management  | 39               | Formatted                       | (   |
| <u>2A.1</u> | 6 Payment of Stamp Tax  | 45               | Formatted                       | (   |
| <u>2A.1</u> | 7 Section 696, Corporation Tax Act 2009                           | 45               | Formatted                       | (   |
| APP         | ENDIX 2A.A  | 46               | Formatted: Default Paragraph Fo | ont |
|             | SWAPCLEAR PROCESSING SCHEDULE                                     | 46               | Formatted: Default Paragraph Fo | ont |
| APP         | ENDIX 2A.B  | 47               | Formatted: Default Paragraph Fo |     |
| -           | FCM CLIENT – PARTIAL TRANSFER FORM                                | 47               | Formatted: Default Paragraph Fo | ont |
| APP         | ENDIX 2A.C  |                  | Formatted: Default Paragraph Fo |     |
| •           | FCM CLIENT FULL TRANSFER FORM                                     | 49               | Formatted: Default Paragraph Fo |     |
| APP         | ENDIX 2A.D.   | 52               | Formatted: Default Paragraph Fo |     |
| <b>A</b>    | FCM CLIENT TRANSFER CARRY FCM CLEARING MEMBER                     |                  | Formatted: Default Paragraph Fo |     |
|             | REPONSES FORM   | 52               |                                 |     |
| APP         | ENDIX 2A.E  | 54               | Formatted: Default Paragraph Fo | ont |
|             | CONFIDENTIALITY, NON-DISCLOSURE AND PARTICIPATION IN              |                  | Formatted: Default Paragraph Fo |     |
|             | THE DEFAULT MANAGEMENT GROUP                                      | 54               |                                 |     |
| FOR         | EXCLEAR   | 59               | Formatted                       | (   |
| 2B.1        | Introduction and Interpretation                                   | <del>59</del>    | Formatted                       | (   |
| 2B.2        | Users of FCM ForexClear   | 59               | Formatted                       |     |

v

|                 |                 |   |                | _          |          |   |
|-----------------|-----------------|---|----------------|------------|----------|---|
|                 | <u>2B.3</u>     | Termination of FX FCM Status                                      | 59             | F          | ormatted | ( |
|                 | <u>2B.4</u>     | -Service Scope  | 59             | F          | ormatted | ( |
|                 | <del>2B.5</del> | -Position Accounts  | <del>60</del>  |            | ormatted | ( |
|                 | <u>2B.6</u>     | Financial Accounts  | 61             | F          | ormatted | ( |
|                 | <u>2B.7</u>     | -Novation and Registration  | <del>62</del>  | F          | ormatted | ( |
|                 | <u>2B.8</u>     | Trade Validation and Registration                                 | 65             | F          | ormatted | ( |
|                 | <u>2B.9</u>     | Market Data   | 71             | - <b>F</b> | ormatted | ( |
|                 | 2B.10           | FCM ForexClear Contract Valuation                                 | 74             | F          | ormatted | ( |
|                 | 2B.11           | _ <mark>Initial Margin ("IM")</mark>                              | <del>76</del>  | F          | ormatted | ( |
| <del>B.12</del> |                 | ONAL MARGIN, MER BUFFER, MCE AND INTRADAY MARGIN CALL             | <del>S77</del> | - F        | ormatted | ( |
|                 | 2B.13           | Initial Margin Management Events Service ("IMMES")                | 79             | F          | ormatted | ( |
|                 |                 |   | 80             | F          | ormatted | ( |
|                 | 2B.15           | General Margining Process   | 80             | F          | ormatted | ( |
|                 | 2B.16.          | Types of Margin Runs  | 80             | F          | ormatted | ( |
|                 | 2B.17           | -Margin Run Process   | 81             | - F        | ormatted | ( |
|                 | 2B.18           | Transfer of FCM Clients; Defaulting FCM Clients and Affiliates    |                | $\geq$     | ormatted | ( |
|                 | 2B.19           | Proprietary Account Position Transfers                            | 86             | _          | ormatted | ( |
|                 | 2B.20           | FCM Clearing Member's Client Fund Transfer                        | 86             | $\geq$     | ormatted | ( |
|                 | 2B.20<br>2B.21  | ForexClear Reporting  | 86             | $\geq$     | ormatted |   |
|                 | 2B.21           | Treasury Operations & Collateral Management                       | 88             | _          |          |   |
|                 | 2B.23           |   | 89             | $\geq$     | ormatted | [ |
|                 | •               | Default Management  |                | $\geq$     | ormatted |   |
|                 | 2B.24           | Payment of Stamp Tax  | 94             | $\geq$     | ormatted |   |
|                 | 2B.25           | Section 696, Corporation Tax Act 2009                             | <del>95</del>  | _          | ormatted | ( |
| <u>с</u>        | ENCLE           |   | <u>108</u>     | $\geq$     | ormatted | ( |
|                 | <u>2C.1</u>     | General Matters   | <u>108</u>     | $\geq$     | ormatted | ( |
|                 | <u>2C.2</u>     | Freight Division  | 124            | F          | ormatted |   |
|                 | <u>2C.3</u>     | Option Exercise and Expiry  | 127            | F          | ormatted | ( |
| D               | THE FC          | M NODAL CLEARING SERVICE  | 128            | F          | ormatted |   |
| -               | FINANC          | HAL TRANSACTIONS  | <del>136</del> | F          | ormatted | I |
|                 | <del>3.1</del>  | -Accounts   | <del>136</del> | F          | ormatted |   |
|                 | 3.2             | Protected Payments System (PPS)                                   | 137            | F          | ormatted |   |
|                 | <del>3.3</del>  | Acceptable Forms Of Collateral                                    | 141            | F          | ormatted |   |
|                 | 3.4             | Distribution Of Collatoral  | 141            | F          | ormatted |   |
|                 | <u>3.5</u>      | Interest And Accommodation Charge Structure                       | 142            | F          | ormatted |   |
|                 | <del>3.6</del>  | Fees  | 145            | F          | ormatted |   |
|                 | 3.7             | _Default Fund; SwapClear Contributions                            | 146            | F          | ormatted |   |
|                 | 3.8             | Quantifying SwapClear Contributions                               | 146            | F          | ormatted |   |
|                 | 3.9             | Default Fund; ForexClear Contributions                            | 146            | F          | ormatted |   |
|                 | 3.10            | Quantifying ForexClear Contributions                              | 147            | $\geq$     | ormatted |   |
|                 | 3.11            | Default Fund Contributions and Loss Distribution Charges: EnClear |                | $\geq$     | ormatted |   |
|                 | ×               | Service and Nodal Service   | 147            |            | onnatteu |   |

| CMP | Procedu          | ires  | <u>Contents</u> |                          |            |
|-----|------------------|---|-----------------|--------------------------|------------|
|     |                  | BANK PARTICIPANTS IN THE LONDON PROTECTED             |                 | Formatted: Default Parag | graph Font |
|     | APPE             | NDIX 3B   |                 | Formatted: Default Parag | araph Font |
| 4   |                  | BANK PARTICIPANTS IN THE LONDON PROTECTED             |                 | Formatted: Default Parag |            |
|     |                  | PAYMENTS SYSTEM                                       | 149             |                          | Jiapiniona |
|     | APPE             | NDIX 3C   |                 | Formatted: Default Parag | graph Font |
|     |                  | BANK PARTICIPANTS IN THE US PROTECTED PAYMENTS        |                 | Formatted: Default Parag | graph Font |
|     |                  | SYSTEM  | 151             |                          |            |
| 4   | APPE             | NDIX 3D   | <u>152</u>      | Formatted: Default Parag | graph Fon  |
|     |                  | MANDATE FOR LCH.CLEARNET LIMITED: CLEARING            |                 | Formatted: Default Parag | graph Fon  |
|     |                  | OPERATIONS  | <del>152</del>  |                          |            |
|     | COLL             | ATERAL  |                 | Formatted                |            |
|     | 4.1              | General Information                                   |                 | Formatted                |            |
|     | <u>4.2</u>       | Securities  |                 | Formatted                |            |
|     | 4.3              | Instructions via the Collateral Management System     |                 | Formatted                |            |
|     | 4.4              |   |                 | Formatted                |            |
|     | 4.5              | References  |                 | Formatted                |            |
|     | 4.6              | Contingency arrangements                              |                 | Formatted                |            |
|     | 4.7              | Return of Unallocated Excess and FCM Buffer           |                 | Formatted                |            |
| 4   | 4.8              | Collateral Value Reports                              |                 | Formatted                |            |
|     | <b>A</b>         | NDIX 4A   | 164             | Formatted: Default Parag | aranh Fon  |
| 4   |                  | FCM Client Account Lodgment Form                      |                 | Formatted: Default Parag |            |
|     |                  | NDIX 4B   | 165             |                          |            |
| 4   |                  | Contingency FCM House Account Lodgment Form           |                 | Formatted: Default Parag |            |
|     |                  |   |                 | Formatted: Default Parag |            |
| 4   | APPE             |   |                 | Formatted: Default Parag |            |
|     |                  | Contingency Collatoral Release Form                   |                 | Formatted: Default Parag | graph Fon  |
| 4   | Appen            | dix 4D  |                 | Formatted: Default Parag | graph Fon  |
|     | <b>A</b>         | ment Accounts   |                 | Formatted: Default Parag | graph Fon  |
|     | BUSIN            | HESS RECOVERY   | <del>168</del>  | Formatted                |            |
| 4   | <u>5.1</u>       | Recovery Situations                                   | <del>168</del>  | Formatted                |            |
|     | <u>5.2</u>       | Recovery Situations Affecting Members' Offices        |                 | Formatted                |            |
|     | <del>5.3</del>   | Aldgate House Evacuation                              |                 | Formatted                |            |
|     | <del>5.4</del> — | Clearing House Data Centre                            |                 | Formatted                |            |
|     | 5.5              | Compliance with Business Continuity Testing           |                 | Formatted                |            |
|     | APPE             | AL PROCEDURES   |                 | Formatted                |            |
|     | 6.1              |   |                 | Formatted                |            |
|     | <u>6.2</u>       | Decisions In Respect Of Which An Appeal May Be Lodged |                 | Formatted                |            |
|     | 6.3              | Initiating An Appeal                                  |                 | Formatted                |            |
|     | <u>6.4</u>       | The First Tier Appeal                                 |                 | Formatted                |            |
|     | <u>6.5</u>       | The Second Tier Appeal                                |                 | Formatted                |            |
|     | <u>6.6</u>       | Requests For Review                                   |                 | Formatted                |            |
|     | •                | Market Disorders etc. and Default                     |                 |                          |            |
|     | <del>6.7</del> — | Market Disorders etc. and Default                     | <u>177</u>      | Formatted                |            |

| FCM Procedu       | res                                      | <u>Contents</u> |
|-------------------|--|-----------------|
|                   | APPEAL FORM                              |                 |
|                   | NDIX 6B                                  | <del>180</del>  |
|                   | NOTICE OF FURTHER APPEAL                 |                 |
| 7. COMP           | LAINTS                                   |                 |
| - <u>7.1</u>      | Introduction                             |                 |
| 7.2               | How To Make A Complaint                  |                 |
| <del>7.3</del>    |  |                 |
| 7.4               | Referral To An Independent Investigator  |                 |
| 7.5               | Procedure For Dealing With The Complaint |                 |
| <del>.7.6</del>   | -<br>Outcomes                            |                 |
| 8. DISCII         | PLINARY PROCEEDINGS                      |                 |
|                   | SCOPE OF THIS PROCEDURE                  |                 |
| <u>8.2</u>        |  |                 |
| 8.3               | IMMEDIATE MEASURE                        |                 |
| 8.4               | SANCTIONS                                |                 |
| <mark>.8.5</mark> | DISPUTING A DECISION                     |                 |
| 8.6               | REPORTING AND PUBLICATION                |                 |
| <del>8.7</del>    | INFRINGEMENT OF APPLICABLE LAW           | <del>193</del>  |

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FCM Client which has been passed to it by an FCM Clearing Member, before utilizing any other form of Collateral the Clearing House may hold.

## 4.1.3 Additional General Information

The Clearing House is, at its sole discretion, entitled to determine what will be acceptable to it as Collateral and to determine when a security will cease to be acceptable as Collateral.

If any instrument or security, lodged in accordance with any of the following procedures, is in any way found to be unacceptable, it will immediately be given a zero value in the FCM Clearing Member's cover account with the Clearing House. Replacement Collateral may be required immediately from the FCM Clearing Member.

## 4.1.4 Instructions

The Clearing House accepts instructions to lodge, release and transfer cash and securities via the Collateral Management system <u>("CMS") and the triparty arrangements decribed in FCM regulation 4.8 (Triparty Service with Euroclear, Clearstream and BNY Mellon)</u>. Instructions for other types of Collateral must be sent via fax using the appropriate form in the annex. The lodgement/release forms must be sent in by fax and email to:

- Email to: collateral.ops.uk@lchclearnet.com
- Fax: + 44 (0)20 7375 3518
- Treasury Operations can be contacted on +44 (0)207 426 7593

Originals of faxed instructions need to be sent into the Clearing House within fourteen days for contingency purposes.

The Clearing House is entitled to act upon Collateral Management system instructions and faxed instructions or communications appearing to have been issued by. on behalf of, or have come from, an FCM Clearing Member. These will be accepted by the Clearing House as genuine, even if, for example, they are later found:

- to be inaccurate, whether in whole or in part; or
- not to have been given by the FCM Clearing Member or an FCM Client or with the authority of the Clearing Member or FCM Client.

The Clearing House will only accept delivery of securities in accordance with these FCM Procedures, and will not sell, purchase or encash securities for FCM Clearing Members, except in so far as it is acting under its Default Rules and related provisions of the FCM Rulebook or in relation to Exchange Rules.

The Clearing House reserves the right to require an FCM Clearing Member to execute revised versions of the Form of Charge and Client Consent documentation whenever the Clearing House, at its sole discretion, considers that it would be appropriate.

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157

The Clearing House will not be liable for any losses of FCM Clearing Members or third parties caused by non-settlement or a delay in settlement as a result of the actions or omissions of a CSD/custodian or the FCM Clearing Member (save for any liability which by law may not be excluded).

### 4.3.1 Instruction deadlines

FCM Clearing Members may input security instructions via the Collateral Management system at any time. Instructions will only be auctioned by the Clearing House during operational hours.

The Collateral Team operational hours are: Monday — to Friday, 08:00 to 230:00 hrs UK time.

Instruction deadlines for same day settlement:

| CSD/custodian              | Deadline for<br>instructions (UK Time) |
|----------------------------|--|
| Euroclear UK/IE<br>(CREST) | 14.00                                  |
| Euroclear<br>internal      | <del>16:30<u>17.00</u></del>           |
| Citi and BoNY<br>Mellon    | 19:00                                  |

The Clearing House will input matching instructions to the relevant CSD/custodian for same day settlement when the instructions are received prior to the deadlines above.

## 4.3.2 Deliveries to and from local markets

The Clearing House is bound by the settlement deadlines of the relevant CSD/custodian, FCM Clearing Members should refer to the relevant CSD/custodian for these deadlines. Note that for transactions from local markets the settlement deadline may be earlier than the Clearing House hours of operation and should therefore be instructed the day before settlement date (*i.e.*, on S-1). Instructions to the Clearing House must be provided at least one hour before the market deadline for same day settlement.

For example:

| Deliveries from local market | Custodian d<br>time)         | Instruction deadline<br>Clearing House (UK time) | to |
|------------------------------|------------------------------|--|----|
| Japan                        | <del>02.45<u>05.55</u></del> | <del>16.30<u>17.00</u> on S-1</del>              |    |
| Belgium                      | 14.50                        | 13.50 on S                                       |    |
| Italy                        | 15.00                        | 14.00 on S                                       |    |

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#### 4.4 Triparty Service with Euroclear, Clearstream and BNY Mellon

## 4.4.1 General Information

In order to transfer securities at the Clearing House using a Triparty arrangement, FCM Clearing Members, the relevant triparty agent and the Clearing House must have completed and signed the relevant documentation. Please contact Treasury Operations on +44 (0)207 426 7237 for more information.

Under a triparty arrangement , the amount which an FCM Clearing Member may commit to deliver eligible securities for (to cover initial margin requirements at the Clearing House) may be denominated in Euro, Sterling or United States Dollars. Triparty instructions should be provided to the Clearing House via the Collateral Management System. In the event that FCM Clearing Members are unable to make triparty instructions via the Collateral Managements System, it will be possible to use the relevant triparty contingency forms found in the appendices to this section.

All securities furnished by an FCM Clearing Member to the Clearing House pursuant to a triparty arrangement must be the sole legal and beneficial property of the FCM Clearing Member or furnished for the purposes of these FCM regulations with the legal and beneficial owners unconditional consent and with the authority granted to the FCM Clearing Member to re-pledge such property to the Clearing House.

Instructions to Euroclear Bank and Clearstream may be input for future settlement dates. Instructions to BNY Mellon must be for same day settlement.

FCM Clearing Members may only use BNY Mellon as triparty agent for FCM Client business. The Clearing House supports triparty arrangements at BNY Mellon using their US domestic platform and only for US eligible securities.

Each initial delivery of securities to the Clearing House pursuant to a triparty arrangement must be for value of at least one million GBP, EUR or USD.

Note: In these procedures, "S" refers to the settlement day, "S-1" to the working day before settlement day.

## 4.4.2 Lodgement and Increase Procedure

| Last instruction deadline to<br>the Clearing House for (UK<br>Time): |                    |                    |              |
|--|--------------------|--------------------|--------------|
|  | Euroclear Bank     | <u>Clearstream</u> | BNY Mellon   |
| Same day settlement  | <u>16.30</u>       | <u>16.30</u>       | <u>22.30</u> |
| Next day settlement  | <u>16.30 (S-1)</u> | <u>16.30 (S-1)</u> | <u>N/A</u>   |

## 4.4.3 Decrease and Closing Procedure

| Last instruction deadline to<br>the Clearing House for<br>(UK Time): |           |                    |            |
|--|-----------|--------------------|------------|
|  | Euroclear | <u>Clearstream</u> | BNY Mellon |

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|                     | <u>Bank</u>        |                    |              |
|---------------------|--------------------|--------------------|--------------|
| Same day settlement | <u>16.30</u>       | <u>16.30</u>       | <u>22.30</u> |
| Next day settlement | <u>16.30 (S-1)</u> | <u>16.30 (S-1)</u> | <u>N/A</u>   |

The FCM Clearing Member may request that the Cleareing House release some or all securities under a triparty arrangement back to the FCM CleringMember, provided that the Clearing House is satisfied that is otherwise has sufficient collateral from the FCM Clearing Member to maintain its required Current Collateral Value. Such release may be processed as described as below depending on whether the FCM Clearing Member has sufficient collateral, and will be taken into account in determining the FCM Clearing Member's Current Collateral Value thereafter.

## Sufficient Collateral:

Where the Clearing House determines that the FCM Clearing Member has sufficient collateral available, the Clearing House will issue on the same day under triparty arrangement to release the relevant securities back to the FCM Clearing Member..

## Insufficient Collateral:

Where the FCM Clearing Member has insufficient Collateral to release the triparty transaction the Clearing Member's Current Collateral Value will be deemed to be decreased overnight. The following morning the Clearing House will only release the triparty transaction after 09.00 when any PPS cash calls have been confirmed.

## Triparty deficits

In the event that the Clearing House determines that a shortfall exists under a triparty arrangement, whether because of a decrease in the value of securities furnished or otherwise, and such shortfall has not been made good by the inclusion of additional securities, the Clearing House shall be entitled to make one or more PPS cash calls in respect of such shortfall. Cash calls in relation to shortfalls will be called in accordance with section 3.2 of these procedures and held in a separate account. Such cash shall either be credited to the FCM Clearing Member upon the FCM Clearing Member making good the deficit pursuant to the triparty arrangement or retained as cover if the FCM Clearing Member does not make good the deficit.

## 4.44.5 Withholding Taxes

#### 4.4.1<u>4.5.1</u> US Withholding Taxes

US income tax laws impose a withholding tax on payments of US source interest, including original issue discount, to a foreign person unless an exemption or reduced rate applies. Interest is US source income, if the debtor is a US corporation. Interest on debt obligations issued after July 18 1984 is generally exempt from US withholding tax. In addition, a foreign person who is a resident of a country with which the US has an income tax treaty may be entitled to a reduced withholding tax rate or an exemption from the US withholding tax.

In order to reduce or eliminate US withholding tax, the correct tax documentation must have been provided in respect of each owner. To this end, FCM Clearing

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## **APPENDIX 4A**

FCM Client Account Lodgment Form

|   | H.CLE  | ARNET  |   | CONTINGENCY FCM - CLIENT<br>LODGMENT FORM      |  |   |  |  |  |  |
|---|--|--|---|--|--|---|--|--|--|--|
| To: LCH.Clear   | net Limited ("   | the Clearing Ho  | use")   | LCH.Cle  | earnet Limited Ref No:   |   | : December 2011  |  |  |  |
| From: Clearing  | ) Member (ful  | l name):   |   |  |  |   |  |  |  |  |
| Client Account  |  |  |   | Mnemo  | nic:   |   |  |  |  |  |
| Seneficial Own  | <del>er Name (full</del>   | name):   |   |  |  |   |  |  |  |  |
| e hereby trans<br>egulations.                                       | fer the securi   | ties described be  | elow to the Clearing  | g House under                                  | the terms of FCM Re  | gulations 9(I) and  | d 9(m) of the FCM  |  |  |  |
| ited Kingdom<br>ngible basis an<br>sponsibility for<br>stomer funds | or elsewhere<br>ad subject to t<br>the performa<br>subject to se | e) which may fo<br>the rules of the rules and such | r the time being be<br>elative system and<br>a custodian, system<br>ant to the U.S. Cor | e customarily<br>the terms and<br>or operator. | epository, securities c<br>used in connection v<br>conditions of its opera<br>We hereby confirm th<br>ange Act and the reg | vith securities of<br>ator, and the Clean<br>nat the securities | similar kinds on a<br>aring House has no<br>detailed below are |  |  |  |
| Security Code   | Number   | Settlement D   | ate Tra   | ade Date                                       | Amount/Nomina  | al Value  | Description of<br>Security                                     |  |  |  |
| Account Holder<br>Account Numbr<br>Beneficial Own<br>Delivery to:   | er:  | ID:  |   |  |  |   |  |  |  |  |
|   |  |  |   |  |  |   | _  |  |  |  |
| 3ONY<br>US Owners)  | BONY<br>(Non-US<br>Owners)                                       | BONY<br>(Global)   | Citibank<br>(US Owners)   | Citibank<br>(Non-US<br>Owners)                 | Citibank<br>(Global)   | Euroclear<br>(EUR<br>Securities)                                | Euroclear<br>(Italian)   |  |  |  |
| 35138   | 735139   | 874067   | 206203  | 207887   | <u>613085309</u>   | 15211   | 25910  |  |  |  |
| Signatories fo<br>Clearing Mem                                      |  | alf of The   | 1   |  |  |   |  |  |  |  |
| 1.  |  |  | (Signature)   |  | (Print Name)   | (Posi   | ition)   |  |  |  |
| 2.  |  |  | (Signature)   |  | (Print Name)   | (Posi   | ition)   |  |  |  |
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Date:

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| APPENDIX 4E<br>Contingency Member Triparty Lodgement Form<br>CCH.CLEARNET FCM HOUSE TRIPARTY LODGEMENT FORM<br>BNY Mellon US domestic platform ( <del>CCSX</del> GSCX) |   |  |   |   |  |  |  |  |  |  |  |
|--|---|--|---|---|--|--|--|--|--|--|--|
| To <u>LCH.Clearnet</u>   | To LCH.Clearnet Limited ("the Clearing House")  |  |   |   |  |  |  |  |  |  |  |
| From Clearing Men  | iber (full name)  |  | ]   | LCH.Clearnet Limited Ref No:  |  |  |  |  |  |  |  |
| We acknowled<br>securities clear<br>connection with<br>relative system<br>responsibility for<br>We hereby con<br>segregation red                                       | Mnemonic<br>to the entire beneficial<br>ge that these securiting or settlement syst<br>a securities of similar<br>and the terms and co<br>or the performance of<br>offirm that the securiting<br>uirements pursuant the<br>lity Futures Trading C | ties may be held be<br>em which may for the<br>kinds on a fungible<br>conditions of its oper<br>any such custodian<br>ties detailed below<br>to the US Commodi | by any custodian in<br>he time being be cu<br>basis and subject<br>ator, and the Clear<br>, system or operato<br>are NOT customer<br>ty Exchange Act ar | ustomarily used in<br>to the rules of the<br>ing House has no<br>r.<br>funds subject to |  |  |  |  |  |  |  |
| Execution Date   | Currency (USD<br>only)  | <u>Amount</u>  | Collateral Giver<br>Account Number  | Collateral Taker<br>Account Number  |  |  |  |  |  |  |  |
|  |   |  |   |   |  |  |  |  |  |  |  |
| Signatories for and on behalf of         The Clearing Member         1.         (Signature)         (Print Name)         (Position)                                    |   |  |   |   |  |  |  |  |  |  |  |
|  | 2   | Signature)   | (Print Name)  | (Position)  |  |  |  |  |  |  |  |

174

Date:

February 2014

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| <u>FCM Procedures</u> Collateral  |               |                         |                   |                       |                   |                                       |                           |                     |  |
|---|---------------|-------------------------|-------------------|-----------------------|-------------------|---------------------------------------|---------------------------|---------------------|--|
| APPENDIX 4F   |               |                         |                   |                       |                   |                                       |                           |                     |  |
| Contingency Member Triparty Amendment Form  |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
| CEE |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   | E                     | BNY Mello         | n US domesti                          | c platform ( <del>C</del> | CSXGSCX)            |  |
|   |               |                         |                   |                       |                   |                                       | V                         | /ersion 1: Mar 2014 |  |
| <u>To</u>   | LCH.          | Clearnet Limited ("t    | he Clearing Hous  | <u>e")</u>            |                   |                                       |                           | _                   |  |
| From.   | <u>Cleari</u> | ng Member (full na      | <u>me)</u>        |                       |                   |                                       |                           |                     |  |
|   | House         | 1                       | Mnemo             | nic                   |                   |                                       |                           |                     |  |
| Wea   | re en         | titled to the           | entire ben        | eficial inte          | rest in the       | se securities.                        |                           |                     |  |
| -   |               |                         |                   |                       |                   | <u>se secuniles.</u><br>Id by any cus | todian in anv             | denository          |  |
|   |               |                         |                   |                       |                   | for the time bei                      |                           |                     |  |
|   |               |                         |                   |                       |                   | ible basis and                        |                           |                     |  |
|   |               |                         |                   |                       |                   | perator, and th<br>dian, system or    |                           | ouse has no         |  |
|   |               |                         |                   | -                     |                   | ow are NOT c                          |                           | s subject to        |  |
| segre   | gatio         | n requirem              | ents pursu        | ant to the            | US Comn           | nodity Exchang                        | e Act and the             |                     |  |
| of the  | Corr          | modity Fut              | <u>ures Tradi</u> | ng Commi              | <u>ssion pron</u> | nulgated therei                       | under.                    |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
| Execu   | tion          | CMS                     | Increase/         |                       | New               | Collateral Giver                      | Collateral                |                     |  |
| Dat   |               | Reference               | Decrease          | Currency              | Amount            | Account<br>Number                     | Taker Account<br>Number   |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           | J                   |  |
| Cimento   |               | and an habalf           | - 4               |                       |                   |                                       |                           |                     |  |
| The Cle   |               | and on behalf of Member | <u>DT</u>         | 1                     |                   |                                       | ×                         |                     |  |
|   |               |                         |                   | <u>1.</u><br>(Signatu | <u>ire)</u>       | (Print Name)                          | (Posi                     | tion)               |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   | 2                     |                   |                                       |                           |                     |  |
|   |               |                         |                   | <u>(Signatu</u>       | <u>ire)</u>       | <u>(Print Name)</u>                   | <u>(Posi</u>              | <u>tion)</u>        |  |
|   |               |                         | D                 | to                    |                   |                                       |                           |                     |  |
|   |               |                         | Da                | te:                   |                   | _                                     |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |
|   |               |                         |                   |                       |                   |                                       |                           |                     |  |

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175

| FCM Proced  | ures                             |                   |               |                                    | Collateral                         |  |  |
|---|----------------------------------|-------------------|---------------|------------------------------------|------------------------------------|--|--|
| APPENDIX 4G<br>Contingency Member Triparty Closing Form |                                  |                   |               |                                    |                                    |  |  |
| ECH.CLEARNET     FCM HOUSE TRIPARTY CLOSING FORM        |                                  |                   |               |                                    |                                    |  |  |
|   |                                  | <u>BI</u>         | NY Mellon U   | S domestic platfo                  | orm ( <del>GCSX</del> GSCX)        |  |  |
| <u>To</u> <u>LCH.Clea</u>                               | rnet Limited ("the Clearing I    | House")           |               |                                    | Version 1: Mar 2014                |  |  |
| From Clearing N   | Member (full name)               |                   |               |                                    |                                    |  |  |
| House   | Mn                               | emonic            |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
| <u>CMS</u><br><u>Reference</u>                          | Closing Date &<br>Execution Date | <u>Currency</u>   | <u>Amount</u> | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
| Signatories for an<br>The Clearing Men                  | <u>d on behalf of</u><br>nber    | <u>1.</u>         |               |                                    |                                    |  |  |
|   |                                  | <u>(Signature</u> | -             | <u>(Print Name)</u>                | (Position)                         |  |  |
|   |                                  | 2<br>(Signature   |               | (Print Name)                       | (Position)                         |  |  |
|   |                                  | Date:             |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
|   |                                  |                   |               |                                    |                                    |  |  |
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| APPENDIX 4H   |   |                             |                    |                                    |                                    |  |  |  |  |  |
|---|---|-----------------------------|--------------------|------------------------------------|------------------------------------|--|--|--|--|--|
|   |   | Contingency M               | lember Triparty Lo | odgement Form                      |                                    |  |  |  |  |  |
| <b>FCM CLIENT TRIPARTY LODGEMENT FORM</b>               |   |                             |                    |                                    |                                    |  |  |  |  |  |
|   | BNY Mellon US domestic platform (GCSXGSCX)  |                             |                    |                                    |                                    |  |  |  |  |  |
| <u>To</u>   | LCH.Clearnet Lim  | ited ("the Clearing House") |                    |                                    | Version 1: Mar 2014                |  |  |  |  |  |
| From  | Clearing Member (   | full name)                  |                    |                                    | LCH.Clearnet Limited Ref No:       |  |  |  |  |  |
| FCM<br>We a<br>secur<br>conne<br>relativ<br>respo       | Client       Mnemonic         We hereby transfer the securities described below to the Clearing House under the terms of FCM Regulations 9(I) and 9(m) of the FCM Regulations.         We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator.         We hereby confirm that the securities detailed below are customer funds subject to |                             |                    |                                    |                                    |  |  |  |  |  |
| Comr  | nodity Future   | es Trading Commis           | sion promulgated t | hereunder.                         |                                    |  |  |  |  |  |
| Exec  | cution Date   | Currency (USD<br>only)      | Amount             | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |  |  |  |  |
|   |   |                             |                    |                                    |                                    |  |  |  |  |  |
| Signatories for and on behalf of<br>The Clearing Member |   |                             |                    |                                    |                                    |  |  |  |  |  |
|   | 2<br>(Signature) (Print Name) (Position)  |                             |                    |                                    |                                    |  |  |  |  |  |
|   |   | Date:                       |                    |                                    |                                    |  |  |  |  |  |

177

February 2014

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| <u>run Pro</u>   | ocedures   |   |   |   |   |   | Collateral   |  |  |
|--|--|---|---|---|---|---|--|--|--|
|  | <u>C</u>   | ontingen  |   | PENDIX 4  | <u>41</u><br>7 Amendment  | <u>Form</u>   |  |  |  |
| FCM CLIENT TRIPARTY AMENDMENT FORM                                     |  |   |   |   |   |   |  |  |  |
|  |  |   | Ē   | BNY Mello   | on US domesti   | c platform ( <del>G</del>   | <del>CSX</del> GSCX)                                       |  |  |
| <u>To LC</u>   | CH.Clearnet Limited ("t  | he Clearing Hous  | <u>e")</u>  |   |   | V   | ersion 1: Mar 2014   |  |  |
| From <u>Cl</u>   | earing Member (full nar  | <u>me)</u>  |   |   |   |   |  |  |  |
| <u>a</u>   | <u>ient</u>  | Mnemo   | <u>nic</u>  |   |   |   |  |  |  |
|  | by transfer the gulations 9(I)   |   |   |   | o the Clearing H  | House under tl  | ne terms of  |  |  |
| securitie<br>connecti<br>relative s<br>responsi<br>We here<br>segregat | s clearing or s<br>on with secur<br>system and th<br>ibility for the p<br>eby confirm<br>tion pursuant | settlement<br>ities of sin<br>le terms a<br>erformanc<br>that the<br>to the U | system w<br>nilar kinds<br>nd conditio<br>e of any s<br>securities<br>J.S. Comn | hich may<br>on a fung<br>ons of its o<br>uch custoo<br>detailed<br>nodity Exc | Id by any cus<br>for the time bei<br>ible basis and<br>operator, and the<br>dian, system or<br>below are cu<br>change Act are<br>ed thereunder. | ng be custom<br>subject to the<br>ne Clearing He<br>operator.<br>stomer funds | arily used in<br>rules of the<br>ouse has no<br>subject to |  |  |
| Execution<br>Date  | <u>CMS</u><br><u>Reference</u>   | Increase/<br>Decrease   | Currency  | <u>New</u><br><u>Amount</u>   | Collateral Giver<br>Account<br>Number   | <u>Collateral</u><br><u>Taker Account</u><br><u>Number</u>                    |  |  |  |
|  |  |   |   |   |   |   |  |  |  |
| Signatories<br>The Clearin   | for and on behalf o<br>g Member  | <u>of</u>   | <u>1.</u>   | <u>re)</u>  | (Print Name)  | <u>(Posi</u>  | tion)  |  |  |
|  |  |   | 2<br>(Signatu   | <u>re)</u>  | (Print Name)  | <u>(Posi</u>  | tion)  |  |  |
|  |  | Da  | te:   |   | _   |   |  |  |  |
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| <u>FCM</u>                | Proced  | ures                             |                         |               |                                    | Collateral                                |  |  |  |  |
|---------------------------|---|----------------------------------|-------------------------|---------------|------------------------------------|---|--|--|--|--|
|                           | APPENDIX 4J<br>Contingency Member Triparty Closing Form |                                  |                         |               |                                    |   |  |  |  |  |
| 0                         | FCM CLIENT TRIPARTY CLOSING FORM                        |                                  |                         |               |                                    |   |  |  |  |  |
|                           | BNY Mellon US domestic platform (GCSXGSCX)              |                                  |                         |               |                                    |   |  |  |  |  |
| <u>To</u>                 | To LCH.Clearnet Limited ("the Clearing House")          |                                  |                         |               |                                    |   |  |  |  |  |
| From                      | Clearing M  | fember (full name)               |                         |               |                                    |   |  |  |  |  |
|                           | <u>Client</u>   | <u>Mr</u>                        | emonic                  |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           | <u>MS</u><br>rence                                      | Closing Date &<br>Execution Date | <u>Currency</u>         | <u>Amount</u> | Collateral Giver<br>Account Number | <u>Collateral Taker</u><br>Account Number |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
| <u>Signato</u><br>The Cle | ries for an<br>aring Men                                | d on behalf of<br>hber           | 1                       |               |                                    |   |  |  |  |  |
|                           |   |                                  | <u>1.</u><br>(Signature | )             | (Print Name)                       | (Position)                                |  |  |  |  |
|                           |   |                                  | 2<br>(Signature)        |               | (Print Name)                       | (Position)                                |  |  |  |  |
| Dete                      |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           |   |                                  | Date:                   |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |
|                           |   |                                  |                         |               |                                    |   |  |  |  |  |

|   |          |                |                                    | Condicidi                          |  |  |  |  |  |  |
|---|----------|----------------|------------------------------------|------------------------------------|--|--|--|--|--|--|
| APPENDIX 4K<br>Contingency Member Triparty Lodgement Form   |          |                |                                    |                                    |  |  |  |  |  |  |
| ICH.CLEARNET     FCM HOUSE TRIPARTY LODGEMENT FORM  |          |                |                                    |                                    |  |  |  |  |  |  |
| EUROCLEAR   |          |                |                                    |                                    |  |  |  |  |  |  |
| To LCH.Clearnet Limited ("the Clearing House")  |          |                |                                    |                                    |  |  |  |  |  |  |
| rom Clearing Member (full name)   |          |                |                                    |                                    |  |  |  |  |  |  |
| House Mnemonic  |          |                |                                    |                                    |  |  |  |  |  |  |
| We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Euroclear clearance system subject to fungibility regime organised by the Belgian Royal Decree No.62 of 10 November 1967 promoting the circulation of securities as amended from time to time.<br>We hereby confirm that the securities detailed below are NOT customer funds subject to segregation requirements pursuant to the US Commodity Exchange Act and the regulations of the Commodity Futures Trading Commission promulgated thereunder. |          |                |                                    |                                    |  |  |  |  |  |  |
| Execution Date  | Currency | Nominal Amount | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |  |  |  |  |  |
|   |          |                |                                    |                                    |  |  |  |  |  |  |
| Signatories for and on behalf of<br>The Clearing Member     1.  |          |                |                                    |                                    |  |  |  |  |  |  |
| 2<br>(Signature) (Print Name) (Position)  |          |                |                                    |                                    |  |  |  |  |  |  |
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| APPENDIX 4L   |                        |                 |                              |                             |                             |  |  |  |  |
| Contingency Member Triparty Amendment Form  |                        |                 |                              |                             |                             |  |  |  |  |
| <b>FCM HOUSETRIPARTY AMENDMENT FORM</b>   |                        |                 |                              |                             |                             |  |  |  |  |
|   |                        |                 |                              | <u>E</u>                    | UROCLEAR                    |  |  |  |  |
| To LCH.Clearnet Limited ("the Clearing Hou:   | se")                   |                 |                              | 2                           | Version 1: Mar 2014         |  |  |  |  |
| From Clearing Member (full name)  |                        |                 |                              |                             |                             |  |  |  |  |
| House Mnemo   | onic                   |                 |                              |                             |                             |  |  |  |  |
| We are entitled to the entire ber   | neficial interes       | t in these      | securities.                  |                             |                             |  |  |  |  |
| We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system -which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Euroclear clearance system subject to fungibility regime organised by the Belgian Royal Decree No.62 of 10 November 1967 promoting the circulation of securities as amended from time to time. |                        |                 |                              |                             |                             |  |  |  |  |
| Execution CMS Increase/<br>Date Reference Decrease  | Amount of<br>Increase/ | <u>Currency</u> | <u>New</u><br><u>Nominal</u> | Collateral Giver<br>Account | Collateral<br>Taker Account |  |  |  |  |
|   | Decrease               |                 | Amount                       | Number                      | Number                      |  |  |  |  |
| Signatories for and on behalf of<br>The Clearing Member   |                        |                 |                              |                             |                             |  |  |  |  |
|   | (Signature)            |                 | (Print Name                  | <u>) (Pos</u>               | <u>sition)</u>              |  |  |  |  |
| 2 (Signature) (Print Name) (Position)   |                        |                 |                              |                             |                             |  |  |  |  |

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182

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|--|----------------------------------|-------------------------|---------------------------------|------------------------------------|------------------------------------|--|--|--|--|
| <u>APPENDIX 4M</u><br>Contingency Member Triparty Closing Form |                                  |                         |                                 |                                    |                                    |  |  |  |  |
| CLCH.CLEARNET     FCM HOUSE TRIPARTY CLOSING FORM              |                                  |                         |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    | EUROCLEAR                          |  |  |  |  |
| <u>To LCH.Clearne</u>  | t Limited ("the Clearing F       | <u>Iouse")</u>          |                                 |                                    | Version 1: Mar 2014                |  |  |  |  |
| From Clearing Men  | nber (full name)                 |                         |                                 |                                    |                                    |  |  |  |  |
| <u>House</u>   | Mn                               | emonic                  |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |
| CMS<br>Reference   | Closing Date &<br>Execution Date | Currency                | <u>Nominal</u><br><u>Amount</u> | Collateral Giver<br>Account Number | Collateral Taker<br>Account Number |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |
| Signatories for and c  | on behalf of                     |                         |                                 | <u> </u>                           |                                    |  |  |  |  |
| The Clearing Membe   | <u>er</u>                        | <u>1.</u><br>(Signature | )                               | (Print Name)                       | (Position)                         |  |  |  |  |
|  |                                  | 2<br>(Signature         | )                               | (Print Name)                       | (Position)                         |  |  |  |  |
|  |                                  | Date:                   |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |
|  |                                  |                         |                                 |                                    |                                    |  |  |  |  |

184

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|---|---|---|---|--|---------------------------|
|   |   | APPENDIX 4N   |   |  |                           |
|   | Contingency M   | Member Triparty Lo  | odgement Form   |  |                           |
|   |   |   |   |  |                           |
| <b>C</b> LCH.CI   | LEARNET   | FCM HOU   | <u>SE TRIPARTY LOI</u>  | DGEMENT FORM   |                           |
| _   |   |   |   | <u>CLEARSTREAM</u>   |                           |
| To <u>LCH.Clearnet Li</u>   | imited ("the Clearing House")   |   |   | Version 1: Mar 2014  |                           |
| From Clearing Membe   | r (full name)   |   |   | LCH.Clearnet Limited Ref No:   |                           |
| House   | Mnemonic  |   |   |  |                           |
| We are entitled t   | o the entire benefici   | al interest in these  | securities.   |  |                           |
| securities clearin<br>connection with<br>relative system a<br>responsibility for<br>we consent to th<br>fungibility regime<br>securities and ot<br>We hereby conf<br>segregation requ | e that these securi<br>og or settlement syst<br>securities of similar<br>and the terms and c<br>the performance of<br>he securities being h<br>organised by the h<br>her financial instrum<br>irm that the securit<br>uirements pursuant<br>y Futures Trading C | tem -which may for<br>kinds on a fungible<br>conditions of its ope<br>any such custodiar<br>held in the Clearstro<br>Luxembourg Law o<br>nents as amended f<br>ies detailed below<br>to the US Commod | the time being be c<br>basis and subject<br>rator, and the Clear<br>n, system or operato<br>eam clearance syst<br>f 1 August 2001 or<br>rom time to time.<br>are NOT customentity<br>Exchange Act a | ustomarily used in<br>to the rules of the<br>ring House has no<br>or and in particular<br>tem subject to the<br>the circulation of<br>r funds subject to |                           |
|   | y r didres mading c   |   | gated theredilder.  |  | Formatted: English (U.S.) |
| <b>A</b>  |   |   |   |  | Tormatted. English (0.5.) |
| Execution Date  | Currency  | Nominal Amount  | Collateral Giver<br>Account Number  | Collateral Taker<br>Account Number   |                           |
| Signatories for and on<br>The Clearing Member   | <u>1.</u>   | (Signature)   | (Print Name)  | <u>`</u><br>(Position)   |                           |
|   | 2_  | (Signature)   | (Print Name)  | (Position)   |                           |
| LCH.Clearnet Li   |   | 185   |   | February 2014  |                           |
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|--|------------------------------------|-----------------|---|---------------------------------------|--|--|--|--|--|--|
| APPENDIX 40  |                                    |                 |   |                                       |  |  |  |  |  |  |
| Contingency Member Triparty Amendment Form   |                                    |                 |   |                                       |  |  |  |  |  |  |
| FCM HOUSE TRIPARTY AMENDMENT FORM  |                                    |                 |   |                                       |  |  |  |  |  |  |
| CLEARSTREAM  |                                    |                 |   |                                       |  |  |  |  |  |  |
| To LCH.Clearnet Limited ("the Clearing Hot   | <u>ise")</u>                       |                 |   | :                                     | Version 1: Mar 2014  |  |  |  |  |  |
| From Clearing Member (full name)   | From Clearing Member (full name)   |                 |   |                                       |  |  |  |  |  |  |
| House Mnem   | onic                               |                 |   |                                       |  |  |  |  |  |  |
| We are entitled to the entire be   | neficial interes                   | t in these      | securities.                                   |                                       |  |  |  |  |  |  |
| We acknowledge that these securities may be held by any custodian in any depository, securities clearing or settlement system -which may for the time being be customarily used in connection with securities of similar kinds on a fungible basis and subject to the rules of the relative system and the terms and conditions of its operator, and the Clearing House has no responsibility for the performance of any such custodian, system or operator and in particular we consent to the securities being held in the Clearstream clearance system subject to the fungibility regime organised by the Luxembourg Law of 1 August 2001 on the circulation of securities and other financial instruments as amended from time to time.<br>We hereby confirm that the securities detailed below are NOT customer funds subject to segregation requirements pursuant to the US Commodity Exchange Act and the regulations of the Commodity Futures Trading Commission promulgated thereunder. |                                    |                 |   |                                       |  |  |  |  |  |  |
| Execution<br>DateCMS<br>ReferenceIncrease/<br>Decrease   | Amount of<br>Increase/<br>Decrease | <u>Currency</u> | <u>New</u><br><u>Nominal</u><br><u>Amount</u> | Collateral Giver<br>Account<br>Number | <u>Collateral</u><br><u>Taker Account</u><br><u>Number</u> |  |  |  |  |  |
|  |                                    |                 |   |                                       |  |  |  |  |  |  |
| Signatories for and on behalf of         The Clearing Member         1.         (Signature)         (Print Name)         (Position)  |                                    |                 |   |                                       |  |  |  |  |  |  |
| 2 (Signature) (Print Name) (Position)  |                                    |                 |   |                                       |  |  |  |  |  |  |

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187

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188

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|   | <u>Contin</u>                    |                  |               |                     |                     |                  |
| CLCH.C  | LEARNET                          |                  | FCM H         | OUSE TRIPARTY       | CLOSING FORM        |                  |
|   |                                  |                  |               |                     | CLEARSTREAM         |                  |
| <u>To</u> <u>LCH.Clearnet</u> 1               | Limited ("the Clearing H         | louse")          |               |                     | Version 1: Mar 2014 |                  |
| From Clearing Memb                            | ber (full name)                  |                  |               |                     |                     |                  |
| House   | Mne                              | emonic           |               |                     |                     |                  |
|   |                                  |                  |               |                     |                     |                  |
| <u>CMS</u> <u>C</u>                           | Closing Date &                   | Currency         | Nominal       | Collateral Giver    | Collateral Taker    |                  |
| Reference E                                   | Execution Date                   |                  | <u>Amount</u> | Account Number      | Account Number      |                  |
|   |                                  |                  |               |                     |                     |                  |
|   |                                  |                  |               |                     |                     |                  |
| Signatories for and or<br>The Clearing Member | <u>n behalf of</u><br>r <u>r</u> | <u>1.</u>        |               |                     | <u>.</u>            |                  |
|   |                                  | (Signature)      | )             | <u>(Print Name)</u> | (Position)          |                  |
|   |                                  | 2<br>(Signature) | 1             | (Print Name)        | (Position)          |                  |
|   |                                  | Date:            |               |                     |                     |                  |
|   |                                  |                  |               |                     | •                   | Formatted: Title |
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|   |                                  |                  |               |                     |                     |                  |
| LCH.Clearnet L                                | imited © 2014.                   |                  | 189           |                     | February 2014       |                  |