

VIA EMAIL TO: SECRETARY@CFTC.GOV

28 February 2014

Ms. Melissa Jurgens Commodity Futures Trading Commission 1155 21st 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.
- 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 <u>julian.oliver@lchclearnet.com</u>.

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) Reference	FCM Procedures Reference	Explanation
	4.1.4	Amended to include reference to Triparty arrangements instructions.
4.2.1		Section is amended to include details of tri-party documentation with respect to the Deed of Charge and reference to ICSD is replaced by "tri-party 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 with Euroclear, Clearstream and BNY Mellon, including sub-paragraphs on general information, lodgement and increase instructions, decrease and closure instructions and description of process in 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 increases has been updated with revised times and to include BNY Mellon. Paragraph stating that "The Clearing House will assume settlement" for collateral transactions that settle the following business date has been removed.
4.8.3 (new)		Last instruction deadline table for decrease and closings has been updated with revised times and to include BNY Mellon. New paragraph added describing the process in event of Triparty deficits.
	Appendix 4A	FCM Client Account Lodgement Form amended – "Beneficial Owner Name (full name)" removed and 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 (new)	Euroclear contingency forms
Appendix 4E – 4G (new)	Appendix 4N – 4P (new)	Clearstream contingency forms
Appendix 4J – 4N (old)		Renumbered to 4K – 4O
Appendix 4H – 4J (new)	Appendix 4E – 4J (new)	BNY Mellon contingency forms

LCH.Clearnet Rule Submission

Exhibit B

SECTION 4

CONTENTS

CO	LLATERAL	<u>1</u>
4.1	General Information	<u>1</u>
4.2	Documentation	4
4.3	Instructions via CMS	<u>5</u>
4.4	Settlement Procedures – Securities provided on a bilateral basis	<u>6</u>
4.5	Tax Arrangements	<u>8</u>
4.6	References	<u>10</u>
4.7	Contingency Arrangements	<u>10</u>
4.8	Triparty Service with Euroclear, Clearstream and BNY Mellon	12 1210
4.9	Precious Metals	14 1412
<u>API</u>	PENDIX 4A	26 2617
	Client Consent Form	26 2617
API	PENDIX 4B	27 2718
	Contingency Member Triparty Lodgement Form	
ΔΡΙ	PENDIX 4C	
7 (1 1	Contingency Member Triparty Amendment Form	
<u>API</u>	PENDIX 4D	
	Contingency Member Triparty Closing Form	29 2920
API	PENDIX 4E	303021
	Contingency Member Triparty Lodgement Form	30 3021
API	PENDIX 4F	312122
7.1.1	Contingency Member Triparty Amendment Form	
<u>API</u>	PENDIX 4G	
	Contingency Member Triparty Closing Form	32 3223
API	PENDIX 4H	333324
	Contingency Member Triparty Lodgement Form	333324
API	PENDIX 4I	343425
-	Contingency Member Triparty Amendment Form	
ДРІ	PENDIX 4J	
/ XI 1	Contingency Member Triparty Closing Form	
API	PENDIX 4K	36 3627

	Contingency Collateral Lodgement Form	<u>363627</u>
	APPENDIX 4L	37 3728
	contingency Collateral Release Form	<u>373728</u>
	Appendix 4M	38 3829
	LCH.CLEARNET ACCOUNTS FOR DELIVERY OF Margin	
	excluding FCM client	38 3829
	APPENDIX 4N	393930
	PRECIOUS METAL COLLATERAL LODGEMENT FORM	39 3930
	APPENDIX 40	404031
4	_COLLATERAL	1
	4.1 General Information	1
	4.2 Documentation	4
	4.3 Settlement Procedures – Securities	5
	4.4 Tax Arrangements	8
	4.5 References	10
	4.6 Contingency Arrangements	10
	4.7—Performance Bends	10
	4.8 Lodgement Procedure	11
	4.9 Amendment Procedure	11
	4.10 Increase in Value of Performance Bonds	11
	4.11—Decrease in Value of a Performance Bond	11
	4.12 Amendment of Term	11
	4.13 Release Procedure	11
	4.14 Expiry	12
	4.15 Triparty Service with Euroclear and Clearstream	12
	APPENDIX 4A	17
	Performance Bond Form	17
	APPENDIX 4B	22
	Guarantee ("Performance Bond") Amendment Form	22
	APPENDIX 4C	25
	Client Consent Form To be replaced with catch-all form	
	APPENDIX 4DF	
	Member Triparty Lodgement Form	
	APPENDIX 4EG	
	Member Triparty Amendment Form	27

APPENDIX 4FH 2	8
Member Triparty Closing Form2	8
APPENDIX 4G20	9
Member Triparty Lodgement Form29	9
APPENDIX 4H30	0
Member Triparty Amendment Form3	0
APPENDIX 4I3	4
Member Triparty Closing Form3	4
APPENDIX 4J 3	2
Contingency Collateral Lodgement Form3	2
APPENDIX 4K 3	3
Contingency Collateral Release Form	3
Appendix 4L3	4
LCH.Clearnet Accounts for Delivery of Margin Collateral excluding FCN Client	√ 4

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 provider (CSD).

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

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 4I 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 <u>Instruction Deadlines</u>

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 - 230:00 hrs UK time.

Instruction deadlines for same day settlement:

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

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 <u>Deliveries to and from Local Markets</u>

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

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 Clearing House (UK time)
Japan	02.45 <u>05.55</u>	16.30 <u>17.00</u> on S-1
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 <u>Transfer of Securities from the Clearing House</u>

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 Substitutions

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 Withholding tax - CSDs/Custodians

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 <u>intend</u> 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.

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

Amendment 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 amendment 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 <u>Triparty Service with Euroclear, and Clearstream and BNY Mellon</u>

4.16.14.8.1 General Information

In order to transfer securities at the Clearing House using an ICSD 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.

<u>Instructions for Euroclear Bank and Clearstream may be input for future settlement</u> 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.

4.16.24.8.2 Lodgement and Increase Procedure

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

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

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

Formatted Table

Formatted Table

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.

APPENDIX 4A

	PERFORMANCE BOND I	-ORM
ļ		Date:
From:		
Ī		mona.
On behalf of:		
Account:		
To:	LCH.Clearnet Limited	
	Aldgate House 33 Aldgate High Street	
	London EC3N 1EA	
Attention:	LCH.Clearnet Limited Treasury Operation	ns
Dear Sirs		
PERFORMAN	NCE BOND NO	
1. At the	er") and in consideration of LCH.Clearr	
	ning or continuing the membership of the	
the Cl	learing House may determine we hereby	undertake to pay to the Clearing
House	on the Clearing House's written demand o	r demands from time to time without
set-off	or counterclaim or deduction such sum o	r sums (not exceeding in aggregate
the an	nount and in the currency specified in the p	rovise below) as the Clearing House
may c	ertify in such demand as being any one or r	
1.1	a sum owed to the Clearing House b	
	and/or the amount of any loss, dama nature suffered or incurred by the Clea	ge, expense or cost of whatsoever
	by the Clearing Member to pay any am	
1.2	the Clearing House's estimate of the following any default by the Clearing Metallic Street	
1.3	the balance finally established by the	Clearing House as being due from
	the Clearing Member to the Clearing H	louse and which is in excess of any
	principal amount already paid to the (Clearing House by us together with
	(but without prejudice to our obligation	
	the Specified Rate from the date of recof payment.	ceipt by us of demand until the date
2 Any de	emand or demands hereunder shall be in-	the form of the Schedule, as nearly
	cumstances admit and amended as approp i	•
1		

- Any demand of the nature set out in paragraph 1.2 above must state that it is an estimate 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.
- 4 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:-
 - 4.1 Our maximum aggregate liability in respect of all demands hereunder shall not exceed [currency............] [amount.................] exclusive of interest due in respect of late payment by us.
 - 4.2 This undertaking shall remain in force until the Termination Date, which shall be the earlier of:
 - 4.2.1 [.....][†]; 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 notice 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).
 - 4.3 After the Termination Date we shall not be liable except that in respect of a 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.
 - 4.4 Any demand must be received by us during our normal business hours for the conduct of such business and at [......

](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 mentioned in paragraph 3.3, where applicable.

For 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

or	by	any	act	matter	or	thing	which	but	for	thic	provision	might	havo	operated	to
01	ъy	urry	act	matter	01	umig	WITHOIT	Dut	101	นาเอ	PIONSIOII	migni	Have	operated	70
θХ	one	rate	us a	s a sure	ety.										

- 6 The expression "Specified Rate" shall mean:-
 - 6.1 in relation to an amount expressed in Sterling, the Base Rate for the time being of HSBC Bank Ple, and
 - 6.2 in relation to an amount expressed in another currency, the day to day Bid Rate quoted by HSBC Bank Plc at or about 11.00 hours in London for overnight deposits of such currency in the London Interbank Market.
- 7 This undertaking shall be governed by and construed in accordance with English Law. The International Standby Practices (ICC Publication ISP 98) apply except to the extent of any inconsistency with the terms of this letter.

	Full Name:	
	Position:	
Signed:	1-03ROH.	

* Insert 14.00 hours in London on specific termination date, if required. If no date is stated, the guarantee will remain in force until determined at 14.00 hours in London immediately after the expiry of 14 clear days' notice by us to the Clearing House in writing to that effect in accordance with paragraph 4.2.2 above.

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 [.....]

 We refer to your Performance Bond referenced above. Terms defined in the Performance Bond have the same meanings where used in this letter.

2. WHERE DEMAND MADE UNDER PARAGRAPH 1.1 OF BOND

We now demand payment of [currency/amount]. We certify that this represents a sum owing to the Clearing House by the Clearing Member which remains unpaid and/or the amount of any loss, damage, expense or cost of whatsoever nature suffered or incurred by the Clearing House as a result of the failure by the Clearing 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 amount likely to become due following a default by the Clearing Member. We confirm that this amount represents an estimate and we undertake to repay to you the excess (if any) of the amount paid by you over the amount of the liability of the Clearing Member when finally established. Any such refund shall be paid together 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 balance finally established by the Clearing House as the amount due from the Clearing Member to the Clearing House which is in excess of any amount paid by you to the Clearing House pursuant to paragraph 1.2 of the Performance Bond.

Payment should be made to our account as follows:

Bank:

Address:

Clearing Code:

Account Number:

[Other details as appropriate]

Collateral

Yours faithfully

For and on behalf of

LCH Clearnet Limited

APPENDIX 4B

	GUARANTEE ("PERFORMANCE BOND") AMENDMENT FORM
	[Bank's Headed Paper]
Date:	
To:	LCH.Clearnet Limited Aldgate House 33 Aldgate High Street London EC3N 1EA
Re:	Guarantee No: [] Date of Issue: [] Amount: [] On behalf of: [Insert the Clearing Member's Name] Account: [State "House" or "Client"]
on such	ideration of your continuing the membership of [] (the "Clearing Member") in basis as you may determine, we hereby agree to amendments to the terms of the mentioned guarantee (the "Performance Bond") as set out in this letter.
*	Our maximum aggregate liability in respect of all demands under the Performance Bond, previously stated in the Performance Bond as [
*	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 Performance Bond to terminate on [] shall continue until the expiry of 14 days' notice by us to you in writing to the effect that the Performance Bond shall expire upon the date specified in such notice.
date of suppler	rendments agreed between us and set out in this letter shall come into effect upon the your signing and returning the attached copy letter to us. This letter amends, ments and shall be construed as part of the Performance Bond. Subject to the ments set out in this letter, the Performance Bond shall remain in full force and effect.
This let	ter shall be governed by and construed in accordance with English law.
(*) O	ne or more of these paragraphs to be included as applicable.
Signed:	÷

	Guara	ntee ("Performance Bond") Amendment Form
		[Bank's Headed Paper]
Date:		
To:	LCH.Clearnet Lin Aldgate House 33 Aldgate High London EC3N 1E	Street
Re:	Guarantee No: Date of Issue: Amount: On behalf of: Account:	[
basis a	as you may determine	tinuing the membership of [] (the "Clearing Member") on such e, we hereby agree to amendments to the terms of the above mentioned e Bond") as set out in this letter.
*	previously stated in	regate liability in respect of all demands under the Performance Bond, the Performance Bond as[
*	The period of our Performance Bond to shall remain in force provided in the Performance	until [] unless otherwise terminated by notice as
*	Performance Bond	undertaking under the Performance Bond previously stated in the to remain in force until 14 days' notice by us shall terminate on the earlier upon 14 days notice by us as provided in the Performance Bond.
*	Performance Bond- notice by us to you date specified in su- shall come into effe us. This letter am	undertaking under the Performance Bond previously stated in the to terminate on [
This le	otter shall be govern	ned by and construed in accordance with English law.
(*)	One or more of thes	se paragraphs to be included as applicable.
Signe	d:	

				ON	DUPL	-ICAT	E			
We have read the above letter and agree to its terms.										
For and on behalf of LCH.Clearnet Limited										
Signature:										
Name/Position:										
Date:						,				

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

APPENDIX 4BDF

CONTINGENCY MEMBER TRIPARTY LODGEMENT FORM



	LCH.CL	EARNET	MEMBI	ER TRIPARTY LOI	DGEMENT FORM
					EUROCLEAR
То	LCH.Clearnet Lim	ited ("the Clearing House")		TGITGI T.	Version 1: July 2007 nited Ref No: 00001ATS
From	Clearing Member ((full name)		LCH.Clearnet Lin	nited Ref No: OOOOTATS
	House/Client*	Mnemonic			*Please delete as appropriate
We ar	e entitled to	the entire benefici	ial interest in these s	securities.	
securi the tin fungibi its ope custod Euroc Decre	ities clearing me being bale basis and erator, and talian, system lear clearan	g or settlement syste customarily used subject to the rule the Clearing House or operator and ince system subjects.	ities may be held to tem (in the United Ked in connection we es of the relative system has no responsibe to particular we consist to fungibility regin promoting the circu	lingdom or elsewher ith securities of sistem and the terms ility for the perform ent to the securities me organised by the	ere) which may for imilar kinds on a and conditions of ance of any such being held in the he Belgian Royal
Exec	ution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
	ries for and on be aring Member	1	(Cinneture)	(Print Name)	(Desition)
			(Signature)	(Fillit Name)	(Position)
		2 _	(Signature)	(Print Name)	(Position)
		Date: _			

APPENDIX 4CEG

CONTINGENCY MEMBER TRIPARTY AMENDMENT FORM



	LCH.CLEA	RNET		MEMB	ER TRIPA	RTY AMENDI	MENT FORM					
						E	UROCLEAR					
То	LCH.Clearnet Limited ("t	the Clearing House	e'')			\	/ersion 1: May 2007					
From	Clearing Member (full na	me)										
1	House/Client*	Mnemor	nic			*Please	e delete as appropriate					
We are entitled to the entire beneficial interest in these securities.												
securiti the tim fungible its oper custodi Eurocle Decree	We acknowledge that these securities may be held by any custodian in any depository, recurities 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 sungible 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 sustodian, 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	n Lodgement Number	Increase/ Decrease	Amount of Increase/ Decrease	Currency	New Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number					
Signatorie	es for and on behalf o	of										
0.00.	gc		1. (Signature)		(Print Name) (Pos	sition)					
			2 (Signature)		(Print Name) (Pos	sition)					
		Da	te:									

APPENDIX 4DEH

CONTINGENCY MEMBER TRIPARTY CLOSING FORM



MEMBER TRIPARTY CLOSING FORM

						EUROCLEAR
То	LCH.Clear	rnet Limited ("the Clearing	House")			Version 1: May 2007
From	Clearing M	Member (full name)				
	House/Cli	ent* M	nemonic			*Please delete as appropriate
Lodge Nun		Closing Date & Execution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
	ies for and aring Mem	d on behalf of aber	1.			
			(Signature	e)	(Print Name)	(Position)
			2(Signature	e)	(Print Name)	(Position)
			Date:	·		

APPENDIX 4EG

CONTINGENCY MEMBER TRIPARTY LODGEMENT FORM



					CLEARSTREAM				
_					Version 1: July 2007				
То	LCH.Clearnet Limit	ted ("the Clearing House")			LCH.Clearnet Limited Ref No:				
From	Clearing Member (f	full name)							
	House/Client*	Mnemonic			*Please delete as appropriate				
We ar	e entitled to	the entire beneficia	al interest in these s	securities.					
securi the till fungibi its op- custoo Clears Law o	We acknowledge that these securities may be held by any custodian in any depository, ecurities 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 ungible basis and subject to the rules of the relative system and the terms and conditions of soperator, and the Clearing House has no responsibility for the performance of any such sustodian, 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 aw of 1 August 2001 on the circulation of securities and other financial instruments as imended from time to time.								
Exec	ution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number				
	ries for and on be aring Member	1	Signature)	(Print Name)	(Position)				
		2	Signature)	(Print Name)	(Position)				
		Date:							

APPENDIX 4FH

CONTINGENCY MEMBER TRIPARTY AMENDMENT FORM



							CLE	ARSTREAM			
То	LCH.Clearnet Lim	ited ("the Clean	ring House")					Version 1: May 2007			
From	Clearing Member ((full name)									
	House/Client*		Mnemonic				*Pleas	se delete as appropriate			
We are entitled to the entire beneficial interest in these securities.											
securit the tir fungib its ope custoo Clears Law o	We acknowledge that these securities may be held by any custodian in any depository, recurities 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 ungible 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 sustodian, 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 aw of 1 August 2001 on the circulation of securities and other financial instruments as amended from time to time.										
Executi Date			rease/ rease	Amount of Increase/	Currency	New Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number			
	ies for and on be aring Member	ehalf of	1.	(Signature)		(Print Name) (Po	sition)			
			2	(Signature)		(Print Name) (Po	sition)			
			Date:								

APPENDIX 4GI

CONTINGENCY MEMBER TRIPARTY CLOSING FORM



MEMBER TRIPARTY CLOSING FORM

						CLEARSTREAM
						Varrian de May 2007
То	LCH.Clear	net Limited ("the Clearing I	House")			Version 1: May 2007
From	Clearing M	Iember (full name)				
1	House/Clie	ent* Mn	emonic			*Please delete as appropriate
Lodger Numb		Closing Date & Execution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
Signatorie	e for an	d on behalf of				
The Clear	ring Mem	ber	1.			
			(Signature		(Print Name)	(Position)
			0			
			2 (Signature)	(Print Name)	(Position)
			Date:			
						•

APPENDIX 4H

CONTINGENCY MEMBER TRIPARTY LODGEMENT FORM



MEMBER TRIPARTY LODGEMENT FORM

LCII.CL	LANNLI		IN THE PARTY LOS	
		BNY Me	ellon US domestic	platform (GSCX)
LCH.Clearnet Lim	ited ("the Clearing House")			Version 1: Mar 2014
Clearing Member (full name)			LCH.Clearnet Limited Ref No:
House/Client*	Mnemonic _			*Please delete as appropriate
ities clearing ection with so re system ar	or settlement system ecurities of similar land the terms and co	em which may for t kinds on a fungible anditions of its oper	he time being be contained be contained being best basis and subject ator, and the Clear	ustomarily used in to the rules of the ring House has no
cution Date	Currency (USD only)	<u>Amount</u>	Collateral Giver Account Number	Collateral Taker Account Number
ries for and on be earing Member	ehalf of			`
	<u>(</u>	Signature)	(Print Name)	(Position)
	2	Signature)	(Print Name)	(Position)
	<u>Date:</u>			
	LCH Clearnet Lim Clearing Member (House/Client* re entitled to cknowledge ities clearing ection with so re system ar nsibility for ti cution Date	re entitled to the entire beneficial cknowledge that these securities clearing or settlement systematic ection with securities of similar live system and the terms and consibility for the performance of a cution Date Currency (USD only) ries for and on behalf of earing Member 1	LCH.Clearnet Limited ("the Clearing House") Clearing Member (full name) House/Client* Mnemonic re entitled to the entire beneficial interest in these secknowledge that these securities may be held be determined in the securities of similar kinds on a fungible responsibility for the performance of any such custodian sution Date Currency (USD only) Amount Amount Cignature)	LCH.Clearnet Limited ("the Clearing House") Limited Client Mnemonic The entitled to the entire beneficial interest in these securities. Coknowledge that these securities may be held by any custodian interest in the selection with securities of similar kinds on a fungible basis and subject versystem and the terms and conditions of its operator, and the Clear insibility for the performance of any such custodian, system or operator sutton Date Currency (USD only) Amount Collateral Giver Account Number 1. (Signature) (Print Name)

APPENDIX 41

CONTINGENCY MEMBER TRIPARTY AMENDMENT FORM

	CONT	INGENCY	WEWDER	IRIPAR	I T AWENDINE	NIFORINI				
0	LCH.CLEA	RNET		MEI	MBER TRIPAR	TY AMENDI	MENT FORM			
			orm (GSCX)							
<u>To</u>	LCH.Clearnet Limited ("	the Clearing Hous	e <u>'')</u>			:	Version 1: Mar 2014			
From	Clearing Member (full na	nme)						-		
	House/Client*	<u>Mnemor</u>	nic			*Please	e delete as appropriate			
	e entitled to the									
securi conne relativ	cknowledge that ities clearing or ection with secu- re system and the nsibility for the p	settlement rities of sin ne terms a	system w nilar kinds nd conditio	hich may tong on a fung	for the time bei ible basis and operator, and th	ng be custom subject to the ne Clearing H	narily used in e rules of the	Form	atted: Body Tex	t
Execut Date		Increase/ Decrease	Currency	New Amount	Collateral Giver Account Number	Collateral Taker Account Number				
Signator The Clea	ries for and on behalf aring Member	<u>of</u>	1. (Signatu	<u>re)</u>	(Print Name)	<u>(Pos</u>	<u>sition)</u>			
			2 (Signatu	re)	(Print Name)	(<u>Pos</u>	sition)			
		<u>Da</u>	te:		-					

APPENDIX 4J

CH.CLEARNE	T
------------	---

CONTINGENCY MEMBER TRIPARTY CLOSING FORM												
C LCH.CLEARNET				MEMBER TRIPARTY CLOSING FORM BNY Mellon US domestic platform (GSCX)								
To LCH.Clearnet Limited ("the Clearing House") Version 1: Mar 2014												
From Clearing Member (full name)												
	House/Cli	*Please delete as appropriate										
CMS Reference		Closing Date & Execution Date	Currency	Amount	Collateral Giver Account Number	Collateral Taker Account Number						
Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)												
		2 (Signature)		(Print Name)	(Position)							
			Date:									

APPENDIX 4KJ

CONTINGENCY COLLATERAL LODGEMENT FORM

LCH.CLEARNET											
CONTINGENCY COLLATERAL LODGEMENT FORM											
					Versi	ion 1: December 2011					
То:	LCH.Clearnet Limited (the "Clearing House")			LCH.Clearnet Limited Ref No:							
From:	Clearing Member (ful	I name)									
House/Cl	ient/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.)											
					*Pleas	e 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.											
Security	Code Number S	ettlement Date	Trade Date	Amount/Nomin	al Value	Description of Security					
Delivery from: Depository/Agent (for US Securities, Broker Code): Account Holder: Account Number: Beneficial Owner Italian Tax ID: Delivery to:											
BONY (U	S BONY (Non-	Citibank (US Owners)	Citibank (Non- US Owners)	Euroclear Bank (Global)	Euroclear Bank (Italian)	Euroclear UK & Ireland (Crestco)					
735136	735137	090401	090372	91205	91737	5165					
Signatories for and on behalf of the Clearing Member:											
Cicaring W	ember.	(Signature)		(Print Name)	(Position)						
		2.									
		(Signature)		(Print Name)	(Position)						
Date:											

APPENDIX 4LK

CONTINGENCY COLLATERAL RELEASE FORM

LCH.CLEARN	IE7				
co	NTING	ENCY C	COLLATERA	L RELEASE FORM	
					Version 1: February 2011
To: LCH.Clearnet Limite	d (the "Cl	earing H	ouse")		
From: Clearing Member (fu	ıll name).				
House/Client Account	Mn	emonic: .			*Please delete as appropriate
We hereby request you to rele	ase the se	ecurities c	described below.		
Security Code Number (e.g.: ISIN)	Delivery	Date	Trade Date	Amount/Nominal Value(Issue - Coupon - Maturity)	Description of 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:	the 1.				
		(Signature	e)	(Print Name)	(Position)
	2.				
		(Signature	e)	(Print Name)	(Position)
	Date:				
To: THE ABOVE-NAMED C	LEARING	MEMBE	R		
The release of the abov	e-mentior	ned secur	ities is agreed.		
For and on behalf of LCH.Clearnet Limited Date Time					
(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.

LCH.CLEARNET LIMITED COPY

APPENDIX 4ML

$\frac{\texttt{LCH.CLEARNET ACCOUNTS FOR DELIVERY OF MARGIN COLLATERAL EXCLUDING}}{\texttt{FCM CLIENT}}$

	Margin Collateral						
	Bank of New York		Citibank		Euroclear Bank		Euroclear UK & Ireland
	735136	735137	090401	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					Х		
United Kingdom							Х
United States	Х	Х	Х	Х			
US Agencies	Х	Х	Х	Х			

APPENDIX 4NM

PRECIOUS METAL COLLATERAL LODGEMENT FORM

	CLCH.C	LE	ARNET	Precious Metal Collat Form	eral Lodgement
				LCH.Clearnet Limited Ref No:	Version 11: April 2011
Т	o: LCH.Clearnet Lim	ited (t	he "Clearing House")		
	rom Clearing Member	•	,		
:	Tom Cleaning Member	(Iuli II	anie).		
	House/Client A	ccour	nt* Mnemoni	ic:	*Please delete as appropriate
	le are entitled to the entire be arrangements described in			etal described below and wish to	provide it by way of security for
al a Al th sy	located account via vault of member of London Preciou URUM (the electronic match e performance of, or any de	the Cl s Meta ning ar fault o	earing House held with or the lls Clearing Limited ("LPMC) and settlement system operate to the part of, any such LPM	ne Clearing House in an unalloca rough an institution ("LPMCL Pre L"), (ii) the Precious Metals may ed by LPMCL), (iii) the Clearing I CL Precious Metals Agent, LPMC being held in or through an unallo	cious Metals Agent") which is be held subject to the terms of House has no responsibility for L or any associated custodian,
	Description of Precious Metal	Weig	ght Oz (round 400oz lots, minimum 10,000oz)	Lodgement date	Member Ref
	AURUM Client name		AURUM Client ID	AURUM Client Account Ref	AURUM members Clearer ID
				AURUM account details	
	Clearing House Account N	lo	To Barclays Bank plc (SV a/c LCH Collateral Accou a/c 32989	•	
be	ignatories for and on ehalf of the Clearing ember:	1.			
		2.	(Signature)	(Print Name)	(Position)
			(Signature)	(Print Name)	(Position)
		Date:			
T	o: THE ABOVE-NAME	ED CL	EARING MEMBER		
ex	recuted in our favour and,	where	necessary or appropriate for	d to us under the Charge over Proper these purposes, the Precious and Property in order to complete the	Metal shall be included in the
	or and on behalf of CH Clearnet Limited	Date:		Time:	<u> </u>
(Α	authorised Signatory):				
25	5932 Registered Office: Aldo	ate Ho	ouse, 33 Aldgate High Street	, London EC3N 1EA	

APPENDIX 40N

	OHO	1.0	ADNET	Precious Metal Collat	eral Release Form
	LCH.C	Lt	EARNET	LCH.Clearnet Limited Ref No:	Version 11: April 2011
To: LCI	H.Clearnet Lim	ited (t	he "Clearing House")		
From Cle	aring Member	(full n	ame):		
: H	ouse/Client A	ccou	nt* Mnemoni	ic:	*Please delete as appropriate
	equest you to de re executed in yo			below from The Schedule of the	Charge over Precious Metals
	cription of ious Metal	Wei	ght Oz (round 400oz lots, minimum 10,000oz)	Release date	Member Ref
AURUM	Client name		AURUM Client ID	AURUM Client Account Ref	AURUM members Clearer ID
				AURUM account details	
Clearing I	House Account N	lo	To Barclays Bank plc (SV a/c LCH Collateral Accou a/c 32989		
	for and on the Clearing	1.			
		2.	(Signature)	(Print Name)	(Position)
		۷.	(Signature)	(Print Name)	(Position)
		Date			
To: THE	ABOVE-NAME	D CL	EARING MEMBER		
	of the above-me our favour is agre		ed Precious Metal from The	Schedule of the Charge over Pr	ecious Metals which you have
For and on LCH Clearne		Date		Time:	
(Authorised S	Signatory):				
			egistered Office: Aldgate Hou der the Financial Services a	use, 33 Aldgate High Street, Lond and Markets Act 2000. LCH.C	on EC3N 1EA LEARNET LIMITED COPY

Recognised as a Clearing House under the Financial Services and Markets Act 2000.

LCH.Clearnet Rule Submission

Exhibit C

CONTENTS

Style	e Defi	inition:	Title: (none

FCM	PROCED	OURES	1
<u>1. </u>	FCM C	LEARING MEMBER STATUS	1
	1.1	FCM Clearing Member Application Procedure	1
	1.2	Net Capital	4
	1.3	Calculation Of Net Capital	5
	1.4	Reporting	5
	1.5	Additional Requirements	6
	1.6	Other Conditions	7
2.	PRODU	JCT-SPECIFIC PROCEDURES	8
2A	SWAPO	CLEAR	9
	2A.1	The Clearing Process	9
	2A.2	Operating Times And Calendars	10
	2A.3	Registration	10
	2A.4	Position Accounts	19
	2A.5	Financial Accounts	19
	2A.6	FCM SwapClear Contract Valuation	20
	2A.7	Coupon Payments	22
	2A.8	Initial Margin	33
	2A.9	Intra-Day Margin Call: Collateral Management	34
	2A.10	Declearing and Compression	35
	2A.11	Affiliate Clearing	35
	2A.12	Transfers of FCM Clients; Defaulting FCM Clients and Affiliates	36
	2A.13	Proprietary Account Position Transfers	39
	2A.14	Amendment of Trade References	<u>40</u>
	2A.15	Default Management	42
	2A.16	Payment of Stamp Tax	48
	2A.17	Section 696, Corporation Tax Act 2009	48
	APPEN	DIX 2A.A	49
		SWAPCLEAR PROCESSING SCHEDULE	49
	APPEN	DIX 2A.B	50
		FCM CLIENT – PARTIAL TRANSFER FORM	50
	APPEN	DIX 2A.C	52
		FCM CLIENT – FULL TRANSFER FORM	
	APPEN	DIX 2A.D	55
		FCM CLIENT TRANSFER - CARRY FCM CLEARING MEMBER	
		REPONSES FORM	
	APPEN	DIX 2A.E	<u>57</u>
		CONFIDENTIALITY, NON-DISCLOSURE AND PARTICIPATION IN THE DEFAULT MANAGEMENT GROUP	<u>57</u>
2B	FOREX	CLEAR	62
	2B.1	Introduction and Interpretation	62
	2B.2	Users of FCM ForexClear	
1011	01	Limited © 2014	. 2044

FCM Procedures	Contents

	2B.3	Termination of FX FCM Status	62
	2B.4	Service Scope	62
	2B.5	Position Accounts	63
	2B.6	Financial Accounts	64
	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
2B.12	ADDITIO	NAL MARGIN, MER BUFFER, MCE AND INTRADAY MARGIN CALLS	<u>380</u>
	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	83
	2B.17	Margin Run Process	84
	2B.18	Transfer of FCM Clients; Defaulting FCM Clients and Affiliates	8 <u>5</u>
	2B.19	Proprietary Account Position Transfers	89
	2B.20	FCM Clearing Member's Client Fund Transfer	89
	2B.21	ForexClear Reporting	8 <u>9</u>
	2B.22	Treasury Operations & Collateral Management	91
	2B.23	Default Management	92
	2B.24	Payment of Stamp Tax	97
	2B.25	Section 696, Corporation Tax Act 2009	98
2C	ENCLE	NR	<u>111</u>
	2C.1	General Matters	111
	2C.2	Freight Division	127
	2C.3	Option Exercise and Expiry	<u>130</u>
<u>2D.</u>	THE FC	M NODAL CLEARING SERVICE	<u>131</u>
<u>3.</u>	FINANC	IAL TRANSACTIONS	139
	3.1	Accounts	139
	3.2	Protected Payments System (PPS)	140
	3.3	Acceptable Forms Of Collateral	<u>144</u>
	3.4	Distribution Of Collateral	
	3.5	Interest And Accommodation Charge Structure	
	3.6	Fees	<u>148</u>
	3.7	Default Fund; SwapClear Contributions	
	3.8	Quantifying SwapClear Contributions	
	3.9	Default Fund; ForexClear Contributions	
	3.10	Quantifying ForexClear Contributions	<u>150</u>
	3.11	Default Fund Contributions and Loss Distribution Charges: EnClear	
		Service and Nodal Service	
	APPEND	DIX 3A	151

FCM Procedures Contents

		BANK PARTICIPANTS IN THE LONDON PROTECTED	
		PAYMENTS SYSTEM	
	APPEN	DIX 3B	152
		BANK PARTICIPANTS IN THE LONDON PROTECTED PAYMENTS SYSTEM	150
	ADDENI	DIX 3C	
	APPEN	BANK PARTICIPANTS IN THE US PROTECTED PAYMENTS	154
		SYSTEM	154
	<u>APPEN</u>	DIX 3D	155
		MANDATE FOR LCH.CLEARNET LIMITED: CLEARING	
		OPERATIONS	
4.	COLLA	TERAL	
	4.1	General Information	
	4.2	Securities	1 <u>59</u>
	4.3	Instructions via the Collateral Management System	1 <u>59</u>
	4.4	Triparty Service with Euroclear, Clearstream and BNY Mellon	162
	4.5	Withholding Taxes	163
	4.6	References	165
	4.7	Contingency arrangements	165
	4.8	Return of Unallocated Excess and FCM Buffer	166
	4.9	Collateral Value Reports	166
	APPEN	DIX 4A	
		FCM Client Account Lodgment Form	
	APPEN	DIX 4B	
		Contingency FCM House Account Lodgment Form	
	APPEN	DIX 4C	
		Contingency Collateral Release Form	
	Append	ix 4D	
		ent Accounts	
		DIX 4E	
	<u>/ </u>	Contingency Member Triparty Lodgement Form	
	APPEN	DIX 4F	
	7 (1 1 L I V	Contingency Member Triparty Amendment Form	
	APPEN	DIX 4G	
	7 (I I L I V	Contingency Member Triparty Closing Form	
	ΔΡΡΕΝΙ		
	ALLEN	Contingency Member Triparty Lodgement Form	
	APPEN	DIX 4I	
	<u>/ (()) () () () () () () () ()</u>	Contingency Member Triparty Amendment Form	
	APPEN	DIX 4J	
	<u> 1 (</u>	Contingency Member Triparty Closing Form	
	APPFN	DIX 4K	
		Contingency Member Triparty Lodgement Form	

<u>FCM</u>	l Procedure	98	Content
	APPENI	DIX 4L	182 18 0
		Contingency Member Triparty Amendment Form	
	APPENI	DIX 4M	
		Contingency Member Triparty Closing Form	
	APPENI	DIX 4N	
		Contingency Member Triparty Lodgement Form	
	APPENI	DIX 40	
		Contingency Member Triparty Amendment Form	
	APPENI	DIX 4P	189 18 4
		Contingency Member Triparty Closing Form	
<u>5.</u>	BUSINE	SS RECOVERY	191 186
	<u>5.1</u>	Recovery Situations	
	5.2	Recovery Situations Affecting Members' Offices	191 186
	5.3	Aldgate House Evacuation	
	5.4	Clearing House Data Centre	194 <u>189</u>
	5.5	Compliance with Business Continuity Testing	194 <u>189</u>
6.	APPEAL	PROCEDURES	<u>196191</u>
	6.1	Introduction	<u>196<mark>191</mark></u>
	6.2	Decisions In Respect Of Which An Appeal May Be Lodged	<u>196191</u>
	6.3	Initiating An Appeal	<u>196<mark>191</mark></u>
	6.4	The First Tier Appeal	<u>197192</u>
	6.5	The Second Tier Appeal	198 193
	6.6	Requests For Review	200 195
	6.7	Market Disorders etc. and Default	200 195
	APPEN	DIX 6A	201 <u>196</u>
		APPEAL FORM	201 196
	<u>APPENI</u>	DIX 6B	203 198
		NOTICE OF FURTHER APPEAL	203 198
<u>7. </u>	COMPL	AINTS	205 20 0
	7.1	Introduction	205 20 0
	7.2	How To Make A Complaint	205 20 0
	7.3	Internal Investigation And Review By The Clearing House	206 201
	7.4	Referral To An Independent Investigator	206 20 1
	7.5	Procedure For Dealing With The Complaint	207 202
	7.6	Outcomes	208 203
8.	DISCIPL	LINARY PROCEEDINGS	209 20 4
	<u>8.1</u>	SCOPE OF THIS PROCEDURE	209 20 4
	8.2	INVESTIGATION PROCEDURE	209 20 4
	8.3	IMMEDIATE MEASURE	
	8.4	SANCTIONS	215 210
	<u>8.5</u>	DISPUTING A DECISION	
	8.6	REPORTING AND PUBLICATION	216 211

FCM Procedures

Contents

	8.7	INFRINGEMENT OF APPLICABLE LAW21	6 211		
FCM	PROCED	URES	1		
1.	FCM C	LEARING 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	
2.	A	JCT-SPECIFIC PROCEDURES	8	Formatted	
<u>2</u> A	SWAP(9	Formatted	
	2A.1	The Clearing Process	9	Formatted	
	2A.2	Operating Times And Calendars	10	Formatted	
	2A.3	Registration	10	Formatted	
	2A.4	Position Accounts	16	Formatted	
	2A.5	Financial Accounts	16	Formatted	
	2A.6	FCM SwapClear Contract Valuation	17	Formatted	
	2A.7	Coupon Payments	19	Formatted	
	2A.8				
		Intra-Day Margin Call: Collateral Management		Formatted	
	2A.9		31	Formatted	
	2A.10	Declearing and Compression		Formatted	
	2A.11	Affiliate Clearing	32	Formatted	
	2A.12	Transfers of FCM Clients; Defaulting FCM Clients and Affiliates	33	Formatted	(
	2A.13	Proprietary Account Position Transfers	36	Formatted	(
	2A.14	Amendment of Trade References		Formatted	
	2A.15	Default Management	39	Formatted	
	2A.16	Payment of Stamp Tax.	45	Formatted	
	2A.17	Section 696, Corporation Tax Act 2009	45	Formatted	
	APPEN	DIX 2A.A	46	Formatted: Default Paragra	aph Font
			46	Formatted: Default Paragra	aph Font
	APPEN	DIX 2A.B.	47	Formatted: Default Paragra	aph Font
		A	47	Formatted: Default Paragra	aph Font
	APPEN	DIX 2A.C	49	Formatted: Default Paragra	aph Font
		FCM CLIENT FULL TRANSFER FORM	49	Formatted: Default Paragra	aph Font
	APPEN	IDIX 2A.D	52	Formatted: Default Paragra	aph Font
		FCM CLIENT TRANSFER CARRY FCM CLEARING MEMBER		Formatted: Default Paragra	aph Font
		REPONSES FORM	52		
	APPEN	IDIX 2A.E	54	Formatted: Default Paragra	
		CONFIDENTIALITY, NON-DISCLOSURE AND PARTICIPATION IN	54	Formatted: Default Paragra	aph Font
2B	FODEV	CLEAR	59	Formattad	
<u>2B</u>	2B.1	Introduction and Interpretation	59	Formatted	
				Formatted	
	2B.2	Users of FCM ForexClear	59	Formatted	(

FCM Procedures	Contents
----------------	----------

	2B.3	Termination of FX FCM Status	59	Formatted	(
	2B.4	Service Scope		Formatted	
	2B.5	Position Accounts		Formatted	(
	2B.6	Financial Accounts	61	Formatted	(···
	2B.7	Novation and Registration		Formatted	(
	2B.8	Trade Validation and Registration	65	Formatted	
	2B.9	Market Data		Formatted	
	2B.10	FCM ForexClear Contract Valuation	74	Formatted	
	2B.11	Initial Margin ("IM")	76	Formatted	
2B.12	<u> </u>	ONAL MARGIN, MER BUFFER, MCE AND INTRADAY MARGIN CA		Formatted	
	2B.13	Initial Margin Management Events Service ("IMMES")		Formatted	<u> </u>
	•	Intra-Day Margin Call: Collateral Management		Formatted	
	_	General Margining Process		Formatted	
	_	Types of Margin Runs		Formatted	
	2B.17			Formatted	
	<u> </u>	Transfer of FCM Clients; Defaulting FCM Clients and Affiliates		Formatted	
		Proprietary Account Position Transfers	86	Formatted	
				(10111111111111111111111111111111111111	
		FCM Clearing Member's Client Fund Transfer		Formatted	
	2B.21			Formatted	
	2B.22	Treasury Operations & Collateral Management		Formatted	
				Formatted	(
	2B.24			Formatted	
	2B.25	Section 696, Corporation Tax Act 2009	95	Formatted	
<u>2C</u>		AR		Formatted	
	2C.1	General Matters		Formatted	
	2C.2	Freight Division	124	Formatted	
	2C.3	Option Exercise and Expiry	127	Formatted	
2D.		M NODAL CLEARING SERVICE	128	Formatted	
3. —	FINANC	CIAL TRANSACTIONS	136	Formatted	
	3.1	-Accounts		Formatted	
	3.2	Protected Payments System (PPS)	137	Formatted	
	3.3	Acceptable Forms Of Collateral	141	Formatted	
	3.4	Distribution Of Collateral	141	Formatted	
	3.5	Interest And Accommodation Charge Structure	142	Formatted	
	3.6	Fees	145	Formatted	
	3.7	Pefault Fund; SwapClear Contributions	146	Formatted	
	3.8	Quantifying SwapClear Contributions	146	Formatted	(
	3.9	Pefault Fund; ForexClear Contributions	146	Formatted	(
	3.10	Quantifying ForexClear Contributions	147	Formatted	(
	3.11	Pefault Fund Contributions and Loss Distribution Charges: EnClean	ar	Formatted	(
		Service and Nodal Service	147		
	APPEN	DIX 3A	1/18	Formatted: Default Para	graph Font

Contents

		BANK PARTICIPANTS IN THE LONDON PROTECTED		Formatted: Default Para	graph Font
		PAYMENTS SYSTEM	148		
	APPE	NDIX 3B	149	Formatted: Default Para	graph Font
		BANK PARTICIPANTS IN THE LONDON PROTECTED PAYMENTS SYSTEM	149	Formatted: Default Para	graph Font
	APPE	NDIX 3C	151	Formatted: Default Para	graph Font
		BANK PARTICIPANTS IN THE US PROTECTED PAYMENTS SYSTEM	151	Formatted: Default Para	graph Font
	APPE	NDIX 3D	152	Formatted: Default Para	graph Font
	<u> </u>	MANDATE FOR LCH.CLEARNET LIMITED: CLEARING OPERATIONS	152	Formatted: Default Para	
4	COLL	ATERAL	153	Formatted	(
A	4.1	General Information	153	Formatted	(
	4.2	Securities	156	Formatted	
	4.3	Instructions via the Collateral Management System	156	Formatted	
	4.4	Withholding Taxes		Formatted	
	4.5	References	161	Formatted	
	4.6	Contingency arrangements	161	Formatted	
	4.7	Return of Unallocated Excess and FCM Buffer	161	Formatted	
	4.8	Collateral Value Reports	161	Formatted	
	A	NDIX 4A	164		
	ALLE	FCM Client Account Lodgment Form	164	Formatted: Default Para	-
	٨٥٥٢	-		Formatted: Default Para	•
	APPE	NDIX 4B	165	Formatted: Default Para	
	ADDE	Contingency FCM House Account Lodgment Form	165	Formatted: Default Para	•
	APPE	NDIX 4C	166	Formatted: Default Para	
		Contingency Collateral Release Form	166	Formatted: Default Para	•
		ndix 4D	167	Formatted: Default Para	graph Font
	Settle	ment Accounts	167	Formatted: Default Para	graph Font
5. —	BUSIN	NESS RECOVERY	168	Formatted	
	5.1 —	Recovery Situations	168	Formatted	
	5.2	Recovery Situations Affecting Members' Offices	168	Formatted	
	5.3	Aldgate House Evacuation	168	Formatted	
	5.4 —	Clearing House Data Centre	171	Formatted	
	5.5	Compliance with Business Continuity Testing	171	Formatted	
6. —	APPE	AL PROCEDURES	173	Formatted	
	6.1 —	Introduction	173	Formatted	
	6.2	Decisions In Respect Of Which An Appeal May Be Lodged	173	Formatted	(
	6.3	Initiating An Appeal	173	Formatted	
	6.4	The First Tier Appeal	174	Formatted	
	6.5	The Second Tier Appeal	175	Formatted	(
	6.6	Requests For Review	177	Formatted	(
	6.7	Market Disorders etc. and Default	177	Formatted	(
	APPE	NDIX 6A	178	Formatted: Default Para	

FCM Procedures Contents

		APPEAL FORM 178
	APPEN	DIX 6B
		NOTICE OF FURTHER APPEAL
7. —	COMPL	AINTS 182
	7.1	Introduction 182
	7.2	How To Make A Complaint
	7.3	Internal Investigation And Review By The Clearing House183
	7.4	Referral To An Independent Investigator
	7.5	Procedure For Dealing With The Complaint
	7.6	- Outcomes
8.	DISCIP	LINARY PROCEEDINGS 186
_	8.1	SCOPE OF THIS PROCEDURE
	8.2	INVESTIGATION PROCEDURE 186
	8.3	IMMEDIATE MEASURE 191
	8.4	SANCTIONS
	8.5	DISPUTING A DECISION 192
	8.6	REPORTING AND PUBLICATION 193
	8.7	INFRINGEMENT OF APPLICABLE LAW 193

Formatted: Default Paragraph Font Formatted: Default Paragraph Font

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 ("CMS") and the triparty arrangements decribed in FCM regulation 4.8 (Triparty Service with Euroclear, Clearstream and BNY Mellon). 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.

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 instructions (UK Time)
Euroclear UK/IE (CREST)	14.00
Euroclear internal	16:30 17.00
Citi and BoNY 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:

I Jeliveries from local market		Instruction deadline to Clearing House (UK time)
Japan	02.45 05.55	16.30 17.00 on S-1
Belgium	14.50	13.50 on S
Italy	15.00	14.00 on S

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

4.4.3 Decrease and Closing Procedure

Last instruction deadline to the Clearing House for (UK Time):			
	Euroclear	Clearstream	BNY Mellon

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

4.4.14.5.1 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

APPENDIX 4A

FCM Client Account Lodgment Form

LC	H.CLEA	RNET			С	ONTIN				CLIENT T FORM
								Vers	sion 1: C	ecember 2011
To: LCH.Clear	net Limited ("the	e Clearing Hou	se")		LCH.Clea	rnet Limited	I Ref No:			
From: Clearing	Member (full n	ame):								
Client Account					Mnemonio	»:				
Beneficial Own	er Name (full na	ame):							_	
We hereby transf Regulations.	fer the securitie	s described be	low to the	Clearing I	House under th	ne terms of	FCM Reg	ulations 9	(I) and 9	(m) of the FCM
We acknowledge United Kingdom fungible basis an responsibility for customer funds a Trading Commission	or elsewhere) ad subject to the the performance subject to segre	which may for rules of the re ce of any such egation pursua	the time lative syst custodian	being be tem and th , system	customarily us ne terms and co or operator. W	sed in conr anditions of e hereby c	ection wit its operat onfirm tha	th securit or, and that the	ies of sin ne Clearin urities de	milar kinds on a ng House has no etailed below are
Security Code	Number	Settlement Da	ate	Trac	de Date	Amoun	/Nominal	Value		scription of Security
Delivery from:	Depository/Age	nt -								
US Securities,	Broker Code	-								
Account Holder	:	-								
Account Number	er:	<u>-</u>								
Beneficial Own	er Italian Tax ID) :								
Delivery to:		-								
BONY (US Owners)	BONY (Non-US Owners)	BONY (Global)	Citiba (US C	ank Owners)	Citibank (Non-US Owners)	Citiban (Globa		Eurocle (EUR Securit		Euroclear (Italian)
735138	735139	874067	20620	03	207887		<u>85309</u>	15211		25910
Signatories fo	r and on behalf	of The			1	_ TBC				
1. (Signature						(Print Nam	e)		(Positio	n)
2.		-	(Signatu	re)		(Print Nam	e)		(Positio	n)

FCM Procedures		<u>Collateral</u>
	Date:	

APPENDIX 4E

Contingency Member Triparty Lodgement Form



FCM HOUSE TRIPARTY LODGEMENT FORM

	, LUH.UL	EARNEI	FCIVI HOUS	SE IRIPARTI LUL	DGEWIENT FORW			
			BNY Mellon U	IS domestic platfo	rm (GCSX GSCX)			
					Version 1: Mar 2014			
<u>To</u>	LCH.Clearnet Lim	ited ("the Clearing House")		1	LCH.Clearnet Limited Ref No:			
From	Clearing Member (full name)						
	<u>House</u>	Mnemonic						
147								
We a	re entitled to	the entire beneficia	al interest in these s	securities.				
secur conne relativ respo We h	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 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.							
Exec	cution Date	Currency (USD only)	Amount	Collateral Giver Account Number	Collateral Taker Account Number			
Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)								
		2 <u>(</u>	Signature)	(Print Name)	(Position)			
		<u>Date:</u>						

APPENDIX 4F

Contingency Member Triparty Amendment Form



	LCH.	CLEA	RNET		FCM H	DUSE TRIPAR	TY AMENDM	ENT FORM	
				<u> </u>	BNY Mello	n US domesti	c platform (G	CSX GSCX)	
<u>To</u>	LCH.Clear	rnet Limited ("tl	ne Clearing House	<u>e'")</u>			<u>v</u>	ersion 1: Mar 2014	
From	Clearing M	lember (full nar	ne)						
	House		Mnemor	nic					
We a secur connerelative response We has segre	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. 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.								
Execut Date		CMS eference	Increase/ Decrease	Currency	New Amount	Collateral Giver Account Number	Collateral Taker Account Number		
	Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)								
				2 (Signatu	<u>re)</u>	(Print Name)	<u>(Posi</u>	tion)	
			<u>Da</u>	<u>te:</u>		-			

APPENDIX 4G

Contingency Member Triparty Closing Form



LCH.CLEARNET				FCM H	OUSE TRIPARTY	CLOSING FORM		
			<u>B1</u>	NY Mellon U	Mellon US domestic platform (GCSXGSCX)			
<u>To</u>	LCH.Clean	rnet Limited ("the Clearing l	House")			Version 1: Mar 2014		
<u>From</u>	Clearing M	Member (full name)						
	House	Mr	nemonic					
	<u>VIS</u> rence	Closing Date & Execution Date	Currency	Amount	Collateral Giver Account Number	Collateral Taker Account Number		
Cianata	rica for an	d on bobolf of						
	aring Men	<u>d on behalf of</u> <u>nber</u>	1. (Signature	<u>)</u> -	(Print Name)	(Position)		
			2 (Signature		(Print Name)	(Position)		
					<u>(Time venic)</u>	<u>ir ositori</u>		

APPENDIX 4H

Contingency Member Triparty Lodgement Form



	LCH.CL	EARNET	FCM CLIE	NT TRIPARTY LOI	DGEMENT FORM					
			BNY Mellon U	IS domestic platfo	rm (GCSX GSCX)					
<u>To</u>	LCH.Clearnet Lim	ited ("the Clearing House")			Version 1: Mar 2014					
From	Clearing Member (LCH.Clearnet Limited Ref No:								
	Client	<u>Mnemonic</u>								
We a secur	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									
relativ	ve system ar	nd the terms and c	onditions of its oper	rator, and the Clear n, system or operato	ing House has no					
segre	gation purs	uant to the U.S.		ow are customer nge Act and the r hereunder.						
Exec	cution Date	Currency (USD only)	Amount	Collateral Giver Account Number	Collateral Taker Account Number					
Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)										
		<u>2</u>	Signature)	(Print Name)	(Position)					
		Date:								

APPENDIX 41 Contingency Member Triparty Amendment Form



CLO	CH.CLEA	RNET		FCM CI	LIENT TRIPAR	TY AMENDM	ENT FORM	
			<u> </u>	BNY Mello	n US domesti	c platform (G	CSXGSCX)	
<u>To</u> <u>LCI</u>	I.Clearnet Limited ("t	he Clearing Hous	<u>e")</u>			<u>V</u>	ersion 1: Mar 2014	
From Clea	ring Member (full na	me)						
Clie	<u>nt</u>	Mnemo	nic					
	y transfer thulations 9(I)				the Clearing Fons.	House under th	ne terms of	
securities connection relative s responsible We here	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 segregation pursuant to the U.S. Commodity Exchange Act and the regulations of the							
Commod	ty Futures T	rading Co	mmission į	oromulgate	ed thereunder.	-		
Execution Date	CMS Reference	Increase/ Decrease	Currency	New Amount	Collateral Giver Account Number	Collateral Taker Account Number		
	Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)							
			2 (Signatu	ıre)	(Print Name)	(<u>Posi</u>	tion)	
		<u>Da</u>	te:		-			

APPENDIX 4J Contingency Member Triparty Closing Form

LCH.CLEARNET				FCM C	LIENT TRIPARTY	CLOSING FORM
			<u>B</u>	NY Mellon U	S domestic platfo	orm (GCSXGSCX)
<u>To</u>	LCH.Clean	rnet Limited ("the Clearing I	House")			Version 1: Mar 2014
From	Clearing M	Member (full name)				
	Client	<u>Mn</u>	emonic			
	<u>MS</u> rence	Closing Date & Execution Date	Currency	Amount	Collateral Giver Account Number	Collateral Taker Account Number
Signato The Cle	ries for an aring Men	d on behalf of hber				
			1. (Signature		(Print Name)	(Position)
			2 (Signature	<u>.</u>	(Print Name)	(Position)
			Date:			

APPENDIX 4K

Contingency Member Triparty Lodgement Form



	LCH.CL	EARNET	FCM HOUS	SE TRIPARTY LO	OGEMENT FORM			
					EUROCLEAR			
<u>To</u>	LCH.Clearnet Lim	ited ("the Clearing House")]	Version 1: Mar 2014 LCH.Clearnet Limited Ref No:			
From	Clearing Member (full name)						
	House	<u>Mnemonic</u>						
We a	re entitled to	the entire beneficia	al interest in these s	securities.				
secur conne relativ respo we c fungik promo	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 elative system and the terms and conditions of its operator, and the Clearing House has no esponsibility 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 ungibility regime organised by the Belgian Royal Decree No.62 of 10 November 1967 promoting the circulation of securities as amended from time to time. 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.							
Exec	cution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number			
	Signatories for and on behalf of The Clearing Member 1. (Signature) (Print Name) (Position)							
		<u>2</u> <u>(</u> :	Signature)	(Print Name)	(Position)			

FCM Procedures		<u>Collateral</u>	
	Date:		

APPENDIX 4L Contingency Member Triparty Amendment Form



	LC	H.CLEA	RNET		FCM HOL	<u>ISETRIPA</u>	RTY AMENDI	MENT FORM
							<u>E</u>	UROCLEAR
<u>To</u>	LCH.C	Clearnet Limited ("t	he Clearing House	<u>e")</u>			:	Version 1: Mar 2014
<u>From</u>	Clearin	ng Member (full nar	<u>me)</u>					
	House		Mnemor	nic				
We ar	e ent	titled to the	entire ben	eficial interes	st in these	securities.		
conne relativ respor we co fungib promo	e systemsibil e systemsibil enser ility eting ereby gatio	with secur stem and the ity for the point to the secure org the circulation of confirm the requirement	ities of sin the terms at erformance ecurities anised by on of secu- nat the se- ents pursu	nilar kinds on nd conditions e of any such being held in the Belgian urities as ame curities detai	a fungible of its ope n custodiar n the Eur Royal D ended from	e basis and rator, and n, system coclear cle ecree No. time to tir are NOT	customer fund	e rules of the louse has no d in particular m subject to tember 1967
Execut Date		CMS Reference	Increase/ Decrease	Amount of Increase/	Currency	New Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
Signator The Clea		and on behalf of dember	<u>of</u>	1. (Signature)		(Print Name) (Pos	sition)
				2 (Signature)		(Print Name) (Pos	sition)

FCM Procedures		<u>Collateral</u>	
	Date:		

APPENDIX 4M

Contingency Member Triparty Closing Form

CH.CLEARNET				FCM H	OUSE TRIPARTY	CLOSING FORM
						EUROCLEAR
<u>To</u>	LCH.Clea	rnet Limited ("the Clearing I	House")			Version 1: Mar 2014
From	Clearing N	Member (full name)				
	House	<u>Mn</u>	emonic			
	MS rence	Closing Date & Execution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
Signato The Cle	ries for an earing Men	d on behalf of hber	1			
			1. (Signature)	(Print Name)	(Position)
			2 (Signature)	(Print Name)	(Position)
			Date:			

APPENDIX 4N

Contingency Member Triparty Lodgement Form



	LCH.CLEA	RNET	FCM HOU	SE TRIPARTY LO	DGEMENT FORM	
					CLEARSTREAM	
<u>To</u>	LCH.Clearnet Limited ('the Clearing House')			Version 1: Mar 2014	
<u>From</u>	Clearing Member (full n	ame)			LCH.Clearnet Limited Ref No:	
	House	Mnemonic				
We a	re entitled to the	entire benefici	al interest in these	securities.		
secur conne relativ respo we co fungik secur We h	rities clearing or ection with secure system and to ensibility for the posent to the security regime orgities and other fragation requirem	settlement syst rities of similar he terms and coefformance of curities being hanised by the linancial instrum that the securitients pursuant	em -which may for kinds on a fungible onditions of its ope any such custodianeld in the Clearstruxembourg Law of the sas amended for the sas amend	are NOT custome lity Exchange Act a	ustomarily used in to the rules of the ring House has no or and in particular tem subject to the in the circulation of r funds subject to	
						Formatted: English (U.S.)
Exec	cution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number	
	ories for and on behalf earing Member	<u>1</u>	Signature)	(Print Name)	(Position)	
		<u>2</u>	Signature)	(Print Name)	(Position)	
I CH	Clearnet Limited	1 @ 2014	185		February 2014	

FCM Procedures	<u>Collateral</u>
Date:	

APPENDIX 40

Contingency Member Triparty Amendment Form



	LCH	.CLEA	RNET	į	FCM HOU	SE TRIPA	RTY AMENDI	MENT FORM
							CLE	ARSTREAM
<u>To</u>	LCH.Clea	arnet Limited ("tl	he Clearing House	<u>e'')</u>				Version 1: Mar 2014
<u>From</u>	Clearing	Member (full nar	ne)					
	House		Mnemor	nic				
<u>We ar</u>	e entit	led to the	entire ben	eficial interes	st in these	securities.		
relativ respor we co fungib securi We he segree	e systensibility nsent illity retties an ereby	em and the post of the second	e terms and erformance curities being anised by the nancial instant the second of the	nd conditions e of any such ing held in th the Luxembo truments as a	of its open custodian le Clearstrurg Law of the custodian le Clearstrurg Law of the custodian led below a Commodian led below some commodian led below some custodian led b	rator, and n, system of eam clears f 1 Augus rom time to are NOT lity Exchar	customer fundinge Act and th	louse has no d in particular subject to the circulation of ds subject to
Execut Date		CMS Reference	Increase/ Decrease	Amount of Increase/	Currency	New Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
	ies for ar aring Mei	nd on behalf o	<u>of</u>	1. (Signature)		(Print Name). <u>(Po</u> s	sition)
				2 (Signature)		(Print Name	<u>(Pos</u>	sition)

FCM Procedures		Collateral
Ĭ	<u>Date:</u>	

APPENDIX 4P

Contingency Member Triparty Closing Form

				1		
0	LCH.	. C L E A R N E T		FCM H	IOUSE TRIPARTY	CLOSING FORM
						CLEARSTREAM
<u>To</u>	LCH.Clear	rnet Limited ("the Clearing I	House")			Version 1: Mar 2014
From	Clearing M	lember (full name)				
l	House	<u>Mn</u>	emonic			-
					1	
<u>CN</u> Refer	<u>/IS</u> rence	Closing Date & Execution Date	Currency	Nominal Amount	Collateral Giver Account Number	Collateral Taker Account Number
Signatories for and on behalf of The Clearing Member						
			1. (Signature)	(Print Name)	(Position)
			2			
			(Signature	1	(Print Name)	(Position)
			Date:			
						•