



June 7, 2013

Ms. Melissa Jurgens
Office of the Secretariat
Commodity Futures Trading Commission
Three Lafayette Centre
1155 21st Street, NW
Washington, DC 20581

By Email: submissions@cftc.gov

Re: ICE Clear Europe Self-Certification Pursuant to Commission Rule 40.6

Dear Ms. Jurgens:

ICE Clear Europe Limited (“ICE Clear Europe”), a registered derivatives clearing organization (“DCO”) under the Commodity Exchange Act, as amended (the “Act”), hereby submits to the Commodity Futures Trading Commission (the “Commission”), pursuant to Commission Rule 40.6 for self-certification the attached amendments to its clearing rules (“Rules”) and procedures (the “Amendments”). The Amendments are to become effective July 1, 2013, or such other date as ICE Clear Europe may determine.

Explanation and Analysis of the Operation, Purpose and Effect of the Proposed Amendments

As announced on December 20, 2012, ICE Clear Europe has agreed to act as the clearing organization for futures and options contracts traded on or subject to the rules of LIFFE Administration and Management (“LIFFE A&M”), a recognized investment exchange under the UK Financial Services and Markets Act of 2000. (LIFFE A&M also operates pursuant to no-action relief provided by Commission staff with respect to U.S.-based trading terminals and has applied for registration as a foreign board of trade under Part 48 of the Commission’s regulations.) ICE Clear Europe is adopting the attached Amendments to implement this clearing relationship.

The Amendments to the Rules (“Clearing Rules Amendments”) designate LIFFE A&M as a “Market” for which ICE Clear Europe provides clearing services under the Rules and add provisions to reflect the procedures for submission of LIFFE A&M contracts (“LIFFE Contracts”) for clearing. Exhibit A, attached hereto, identifies the

LIFFE Contracts that ICE Clear Europe intends to accept for clearing, which include interest rate and government bond futures and options, certain agricultural futures and options, and futures and options on underlying equity securities and equity indices.

The Clearing Rules Amendments also make changes to relevant definitional provisions to cover LIFFE Contracts. The Clearing Rules Amendments further provide that the clearing of LIFFE Contracts will be supported by the existing Energy Guaranty Fund, which will be re-designated as the F&O Guaranty Fund, and make related conforming changes. Revisions to Rule 1103 provide for the application of the F&O Guaranty Fund to losses in the event of clearing member defaults, with different allocations depending on whether the losses originate from energy contracts or LIFFE Contracts. ICE Clear Europe plans to clear the LIFFE Contracts using its existing clearing framework and methodology, subject to the changes set forth in the Clearing Rules Amendments and procedures Amendments described herein.

To address certain requirements under the U.S. securities laws, ICE Clear Europe proposes to adopt new Rule 207(f), which provides that FCM/BD Clearing Members and other clearing members of ICE Clear Europe that are organized in the United States will not be permitted to clear LIFFE Contracts that are futures or options on underlying U.S. securities (other than futures on broad-based security indices). In addition to adopting Rule 207(f), ICE Clear Europe will notify clearing members of these restrictions and is adopting procedures for monitoring and enforcing compliance by clearing members with these restrictions.

The Clearing Rules Amendments add new Rule 410, which sets out a framework for Link Agreements. Link Agreements are generally defined as agreements between ICE Clear Europe and an exchange for which ICE Clear Europe does not provide clearing services and such agreements provide for the transfer of contracts to or from that exchange (or its clearinghouse). LIFFE currently has link arrangements with Tokyo Financial Exchange Inc. and Tokyo Stock Exchange Inc., which exchanges would constitute “Participating Exchanges” pursuant to the Clearing Rules Amendments. An ICE Clear Europe clearing member must either be a clearing member of or a client of a clearing member of the clearinghouse for the linked exchange in order to make use of any Link Agreement. The margin requirements for contracts arising from a Link Agreement are the same for other contracts cleared on ICE Clear Europe.

In order to provide clearing members with additional predictability as to potential changes to the margin requirements for the clearing of LIFFE Contracts and energy contracts, ICE Clear Europe proposes to adopt new Rule 502(k). New Rule 502(k) specifies certain market factors and conditions that ICE Clear Europe will consider in connection with any determination to change the margin requirements for the clearing of LIFFE Contracts and energy contracts as well as any decision to change the haircuts applicable to assets eligible for delivery as margin pursuant to such requirements.

Additional changes are made to address settlement of LIFFE Contracts, including physical deliveries. Specifically, Rule 703 has been amended to address the treatment of tenders delivered in relation to futures contracts that are not settled in cash. Rule 704, which deals with the credit and debit of accounts, has been amended to provide

that any payment or other allowance payable by or to either the Buyer or Seller under the terms of an Energy or LIFFE Contract shall be paid by or to ICE Clear Europe for onward payment to the Buyer or Seller, as the case may be.

Part 8 of the Rules, as amended, includes additional terms with respect to the exercise of option contracts other than options on futures. New Rule 809 clarifies the delivery and settlement procedures with respect to such option contracts and new Rule 810 details the cash settlement terms of such option contracts.

Part 12 of the Rules, which addresses UK Settlement Finality Regulations and the Companies Act 1989, has been amended to incorporate LIFFE Contracts in the provisions addressing various categories of transfer orders. The Amendments include a new Part 18 to the Rules. New Part 18 of the Rules includes transitional provisions concerning the novation of open contracts with LIFFE A&M and LCH.Clearnet Limited, under LIFFE A&M's existing clearing arrangements, to ICE Clear Europe, under the new clearing relationship, as well as the transfer of clearing member cash and securities margin from LCH.Clearnet Limited to ICE Clear Europe.

The Amendments to the ICE Clear Europe finance procedures ("Finance Procedures Amendments") clarify the manner in which clearing members must satisfy their payment obligations to ICE Clear Europe. The Finance Procedures Amendments specify the eligible currencies for satisfaction of obligations relating to the delivery of initial and variation margin. The Finance Procedures Amendments also enumerate the types of accounts a clearing member must maintain in respect of its clearing activities at ICE Clear Europe, including the clearing of LIFFE Contracts.

The Finance Procedures Amendments also specify the appropriate factors that ICE Clear Europe will consider in connection with a determination to change margin requirements and related haircuts. The factors set forth in the Finance Procedures Amendments mirror the market factors and conditions enumerated above in the discussion of new Rule 502(k).

The Finance Procedures Amendments also address certain general procedures for rebates, fee discounts and incentive program payments. The Finance Procedures Amendments set forth additional conditions for letters of credit used to satisfy original margin requirements. Certain additional Amendments are of a technical and conforming nature providing for, among other things, updates to definitions related to emissions contracts.

Amendments to the ICE Clear Europe clearing procedures reflect the clearing of LIFFE Contracts together with certain other updates and confirmations. Likewise, Amendments to the ICE Clear Europe delivery procedures add terms providing for delivery under LIFFE Contracts, including the applicable delivery arrangements for these new contracts. Certain Amendments to the delivery procedures reflect changes in European Union legislation pertinent to emission contracts cleared by ICE Clear Europe. The Amendments to the ICE Clear Europe delivery procedures also reflect clarifications related to emissions contracts traded on ICE Futures Europe and currently cleared by ICE Clear Europe.

The ICE Clear Europe membership procedures have been amended to provide for the clearing of LIFFE Contracts, as reflected in the addition of the new membership category, “F&O Clearing Members.” The Amendments reflect various other updates and changes to conform to provisions of the Rules and other ICE Clear Europe procedures. Terms governing the timing and manner for the delivery of notices by clearing members have been generally updated to reflect changes to the Rules.

The Amendments’ Compliance With Applicable Provisions of the Act, DCO Core Principles and the Commission’s Regulations under the Act

The Amendments are potentially relevant to the following core principles: (B) Financial Resources, (C) Participant and Product Eligibility, (D) Risk Management, (E) Settlement Procedures, (G) Default Rules and Procedures and (L) Public Information, and the applicable regulations of the Commission thereunder.

- Financial, Managerial and Operational Resources.* ICE Clear Europe believes that it will have adequate financial resources to clear the LIFFE Contracts in accordance with Commission Rule 39.11 and to withstand clearing member defaults as required by that rule. The F&O Guaranty Fund in particular will be sufficient to allow ICE Clear Europe to clear the LIFFE Contracts in a manner consistent with DCO Core Principle B and Rule 39.11. The F&O Guaranty Fund will support the clearing of both the existing energy futures and options products cleared by ICE Clear Europe and the LIFFE Contracts (including futures contracts and equity option contracts).¹ The F&O Guaranty Fund will not support the clearing of credit default swaps (“CDS”) or FX products cleared at ICE Clear Europe, and the CDS and FX Guaranty Funds will not support the clearing of energy or LIFFE Contracts. The F&O Guaranty Fund will be divided into two segments, an energy contracts clearing segment and a LIFFE Contracts clearing segment, each of which is primarily allocated to losses from products in that segment and secondarily to losses from products in the other segment, as discussed below. The size of each segment will be determined separately based on ICE Clear Europe’s risk assessment of the energy products and LIFFE Contracts, respectively, and each segment will be separately stress-tested in accordance with ICE Clear Europe’s risk management policies and procedures. The energy contracts segment will initially be the same size as the existing Energy Guaranty Fund, approximately USD 650 million. The LIFFE Contracts clearing segment is expected to initially be approximately GBP 370 million, with the exact size to be determined prior to the commencement of LIFFE Contracts clearing).

As set forth in Rule 1103, in the event of a default of a clearing member for which ICE Clear Europe needs to apply the F&O Guaranty Fund in accordance with the risk waterfall under the Rules, the energy contracts segment will be applied first to losses resulting from cleared energy products, and the LIFFE Contracts segment will be applied first to losses resulting from cleared LIFFE Contracts. Once a segment has been

¹ ICE Clear Europe will continue to maintain separate guaranty funds for the clearing of credit default swaps and FX products.

exhausted by losses in its product category, remaining assets from the other segment may be applied to those losses.

ICE Clear Europe further believes that it will have the operational and managerial capacity to clear the LIFFE Contracts as of the commencement of clearing. There will be a dedicated LIFFE Risk Manager supported by a team of risk analysts in place on, or after, 1 July 2013, and further resources within the Operations, Corporate Development, Finance and Treasury Departments all situated in London. Staffing levels and resources at ICE Clear Europe related to operational and technology needs for the clearing of LIFFE Contracts will be subject to ongoing review. ICE Clear Europe believes that its existing systems are appropriately scalable to handle the expected increase in volume. As discussed below in conjunction with the analysis under DCO Core Principle E, ICE Clear Europe may also enter into services arrangements with LIFFE A&M from time to time in connection with the clearing of LIFFE Contracts, under which LIFFE A&M or its personnel may assist with certain clearing functions, particularly with respect to contracts that go to delivery.

Also, as noted below in conjunction with the analysis under DCO Core Principle C, the ICE Clear Europe clearing members are required to be in compliance with the capital and financial resources requirements under the Rules and applicable laws and regulations.

- *Participant and Product Eligibility.* ICE Clear Europe believes that the Amendments and the clearing of LIFFE Contracts are consistent with the requirements of DCO Core Principle C and Commission Rule 39.12 to provide fair and open access through participation requirements that are objective, publicly disclosed and risk based. The Amendments establish fair and objective criteria for the eligibility to clear LIFFE Contracts. ICE Clear Europe clearing membership is available to participants that meet such criteria. ICE Clear Europe clearing members that wish to clear LIFFE Contracts will have to satisfy the financial resources requirements to clear these products and continue to do so in order to preserve their eligibility to clear LIFFE Contracts. Clearing member compliance with the requirements to clear LIFFE Contracts will be monitored by ICE Clear Europe.
- *Risk Management.* ICE Clear Europe believes that, pursuant to its Rules and procedures, as amended by the Amendments, it will be able to manage the risks associated with the LIFFE Contracts in accordance with DCO Core Principle D, and Rule 39.13 thereunder. Moreover, new policies were approved covering margin requirements, mark-to-market margin, capital to margin, membership, internal rating, backtesting, wrong-way risk, concentration charges, intraday margin and stress testing in respect of the LIFFE A&M clearing relationship. Relevant models applicable to the clearing of LIFFE Contracts were subjected to independent validation as required by ICE Clear Europe's model governance framework.

Margin requirements for LIFFE Contracts will be calculated using the SPAN[®]1 v4 algorithm,² with modifications for concentration charges and a trinomial model applicable to certain LIFFE options. ICE Clear Europe will determine the margin parameters for LIFFE Contracts cleared by ICE Clear Europe within the framework of the margin requirement policy approved by the ICEU F&O Risk Committee. The margin parameters applicable from time to time will be issued and amended by ICE Clear Europe via a circular posted on its website. New Rule 502(k) and the Finance Procedures Amendments clarify certain considerations under which ICE Clear Europe margin and risk management requirements may be established and modified from time to time as well as the reasons for such changes.

- *Settlement Procedures.* ICE Clear Europe believes that the proposed Finance Procedure Amendments will improve the finality and accuracy of its daily settlement process and reduce the risk to ICE Clear Europe of settlement failures. The proposed Amendments require ICE Clear Europe clearing members that clear LIFFE Contracts to maintain accounts at approved financial institutions and that are denominated in the settlement currency of the LIFFE Contracts such clearing member clears. Also, the Finance Procedures Amendments clarify the steps a clearing member (and its approved financial institutions) must take in order for the clearing member's obligations to pay ICE Clear Europe to be deemed satisfied and complete.

Likewise, the proposed Amendments to the delivery procedures clarify the obligations of ICE Clear Europe and its clearing members in respect of physically-settled LIFFE Contracts. The proposed Amendments contemplate that ICE Clear Europe may, from time to time, enter into clearing services arrangements with LIFFE A&M, in respect of LIFFE Contracts, pursuant to which certain functions may be performed by LIFFE A&M for ICE Clear Europe. The proposed Amendments also incorporate LIFFE Guardian, which is an electronic grading and delivery system that is used in the process of delivery of cocoa, coffee, wheat, white sugar and bonds. In general, the terms to be added to the ICE Clear Europe delivery procedures in large part reflect the terms currently applicable to the LIFFE Contracts under their existing clearing arrangements.

These changes are thus in furtherance of, and are consistent with, the requirements of Commission Rule 39.14 and will facilitate the continued operation of the clearing house's settlement process. ICE Clear Europe believes that its Rules and procedures related to settlements (including physical settlements), as amended, appropriately identify and manage the risks associated with settlements under LIFFE Contracts.

- *Default Rules and Procedures.* ICE Clear Europe believes that the Rules and its relevant procedures allow for the efficient, fair and safe

²SPAN is a registered trademark of Chicago Mercantile Exchange Inc. and used by ICE Clear Europe under license. SPAN is a risk evaluation and margin framework algorithm.

management of events that may arise from clearing member insolvencies or defaults, including in respect of LIFFE Contracts, in accordance with Core Principle G and Rule 39.16.

ICE Clear Europe hereby certifies that the Amendments comply with the Act and the Commission's regulations thereunder.

There were no opposing views expressed to ICE Clear Europe by governing board or committee members, members of ICE Clear Europe or market participants that were not incorporated into the amendment.

Concurrent with the filing of this submission, ICE Clear Europe has posted a notice of pending certification and a copy of this submission on its website at <https://www.theice.com/notices/Notices.shtml?regulatoryFilings>, in accordance with Rule 40.6 and the public information requirements of Core Principle L and Commission Rule 39.21.

If you or your staff should have any questions or comments or require further information regarding this submission, please do not hesitate to contact the undersigned at patrick.davis@theice.com or +44 20 7065 7738, Dee Blake, Director of Regulation, at dee.blake@theice.com or +44 20 7065 7752 or Paul Swann, President & Chief Operating Officer, at paul.swann@theice.com or +44 20 7065 7700.

Very truly yours,



Patrick Davis
Head of Legal and Company Secretary

EXHIBIT A

List of LIFFE Contracts

[Attached]

No	New Contract Name	Market	Market Type	Product Type
	Name of the contract	ICE Futures Europe NYSE Liffe	Market Type	Futures / Options
1	3i Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2	3i Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3	3i Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4	3i Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
5	3i Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
6	3i Group Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
7	3M Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
8	3M Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
9	A2A SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
10	A2A SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
11	A2A SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
12	A2A SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
13	A2A SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
14	Aareal Bank AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
15	Aareal Bank AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
16	Aareal Bank AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
17	Aareal Bank AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
18	Aareal Bank AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
19	Aareal Bank AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
20	ABB Ltd - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
21	ABB Ltd - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
22	ABB Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
23	ABB Ltd - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
24	ABB Ltd - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
25	ABB Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
26	ABB Ltd (ST) - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
27	ABB Ltd (ST) - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
28	ABB Ltd (ST) - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
29	ABB Ltd (ST) - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
30	ABB Ltd (Stockholmborsen) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
31	ABB Ltd (Stockholmborsen) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
32	ABB Ltd ADR - Cash FLEX Future	NYSE Liffe	BCLEAR	F
33	ABB Ltd ADR - Phys FLEX Future	NYSE Liffe	BCLEAR	F
34	Abbey National plc FLEX Option	NYSE Liffe	DELISTED	O
35	Abbott Laboratories - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
36	Abbott Laboratories - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
37	Abbott Laboratories - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
38	Abbott Laboratories - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
39	Abbott Laboratories - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

40 Abengoa SA 'B' - Cash Flex Future	NYSE Liffe	BCLEAR	F
41 Abengoa SA 'B' - Phys Flex Future	NYSE Liffe	BCLEAR	F
42 Aberdeen Asset Management PLC - Cash FLEX fut	NYSE Liffe	BCLEAR	F
43 Abertis Infraestructuras SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
44 Abertis Infraestructuras SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
45 Abertis Infraestructuras SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
46 Abertis Infraestructuras SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
47 Abertis Infraestructuras SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
48 Abertis Infraestructuras SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
49 Acanthe Developpement SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
50 Acanthe Developpement SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
51 Acciona SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
52 Acciona SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
53 Acciona SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
54 Acciona SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
55 Acciona SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
56 Acciona SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
57 Accor SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
58 Accor SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
59 Accor SA Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
60 Accor SA Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
61 Accor SA Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
62 Accor SA Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
63 Accor -STND Future	NYSE Liffe	BCLEAR and COB	F
64 ACE Ltd - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
65 ACE Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
66 ACE Ltd - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
67 ACE Ltd - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
68 ACE Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
69 ACEA SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
70 ACEA SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
71 Acerinox SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
72 Acerinox SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
73 Acerinox SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
74 Acerinox SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
75 Acerinox SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
76 Acerinox SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
77 Ackermans & Van Haaren - Cash Flex Fut	NYSE Liffe	BCLEAR	F
78 Ackermans & Van Haaren - Phys Flex Fut	NYSE Liffe	BCLEAR	F
79 Ackermans & van Haaren NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
80 Ackermans & van Haaren NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
81 Ackermans & van Haaren NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
82 Ackermans & van Haaren NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
83 ACS Actividades Cons y Serv - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
84 ACS Actividades Cons y Serv - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

85 ACS Actividades Cons y Serv - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
86 ACS Actividades Cons y Serv - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
87 ACS Actividades Cons y Serv - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
88 ACS Actividades Cons y Serv - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
89 Actelion Ltd - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
90 Actelion Ltd - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
91 Actelion Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
92 Actelion Ltd - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
93 Actelion Ltd - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
94 Actelion Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
95 Adecco SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
96 Adecco SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
97 Adecco SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
98 Adecco SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
99 Adecco SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
100 Adecco SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
101 Adidas AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
102 Adidas AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
103 Adidas AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
104 Adidas AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
105 Adidas AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
106 Adidas AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
107 Admiral Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
108 Aegis Group - Cash FLEX Future	NYSE Liffe	Delisted 27/3/13	F
109 Aegon NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
110 Aegon NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
111 Aegon NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
112 Aegon NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
113 Aegon NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
114 Aegon NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
115 Aeroport de Paris - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
116 Aeroport de Paris - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
117 Aeroport de Paris - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
118 Aeroport de Paris - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
119 Aeroports de Paris - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
120 Aeroports de Paris - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
121 Aetna Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
122 Aetna Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
123 Aetna Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
124 Aetna Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
125 Aetna Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
126 AEX - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
127 AEX - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
128 AEX Index Future	NYSE Liffe	BCLEAR	F
129 Aflac Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

130 Aflac Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
131 ageas NV/SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
132 ageas NV/SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
133 ageas NV/SA [Belgium] - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
134 ageas NV/SA [Belgium] - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
135 ageas NV/SA [Belgium] - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
136 ageas NV/SA [Belgium] - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
137 ageas NV/SA [Netherlands] - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
138 ageas NV/SA [Netherlands] - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
139 ageas NV/SA [Netherlands] - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
140 ageas NV/SA [Netherlands] - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
141 AGFA-Gevaert NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
142 AGFA-Gevaert NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
143 AGFA-Gevaert NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
144 AGFA-Gevaert NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
145 AGFA-Gevaert NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
146 AGFA-Gevaert NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
147 Aggregate Industries	NYSE Liffe	DELISTED	F
148 Aggreko - Cash FLEX Future	NYSE Liffe	BCLEAR	F
149 AGNICO-EAGLE MINES LTD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
150 AGNICO-EAGLE MINES LTD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
151 Agora SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
152 AGRIMUM INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
153 AGRIMUM INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
154 Ahold NV- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
155 Ahold NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
156 Ahold NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
157 Ahold NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
158 Ahold NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
159 Ahold NV	NYSE Liffe	BCLEAR	F
160 Ahold NV -STND Future	NYSE Liffe	BCLEAR and COB	F
161 Air Berlin - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
162 Air Berlin - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
163 Air France - KLM Cash FLEX Fut	NYSE Liffe	BCLEAR	F
164 Air France KLM Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
165 Air France KLM Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
166 Air France KLM Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
167 Air France-KLM - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
168 Air France-KLM Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
169 Air Liquide - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
170 Air Liquide - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
171 Air Liquide - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
172 Air Liquide - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
173 Air Liquide - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
174 Air Liquide - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

175 Air Liquide SA -STND Future	NYSE Liffe	BCLEAR and COB	F
176 Air Products & Chemicals Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
177 Air Products & Chemicals Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
178 Aixtron SE- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
179 Aixtron SE- Phys FLEX Fut	NYSE Liffe	BCLEAR	F
180 Aker ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
181 Aker ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
182 Aker Solutions ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
183 Aker Solutions ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
184 Akzo Nobel NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
185 Akzo Nobel NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
186 Akzo Nobel NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
187 Akzo Nobel NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
188 Akzo Nobel NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
189 Akzo Nobel NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
190 Akzo Nobel NV -STND Future	NYSE Liffe	BCLEAR and COB	F
191 Alcatel Lucent -STND Future	NYSE Liffe	BCLEAR and COB	F
192 Alcatel-Lucent SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
193 Alcatel-Lucent SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
194 Alcatel-Lucent SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
195 Alcatel-Lucent SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
196 Alcatel-Lucent SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
197 Alcatel-Lucent SA- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
198 Alcoa Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
199 Alcoa Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
200 Alcoa Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
201 Alcoa Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
202 Alcoa Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
203 Alfa Laval AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
204 Alfa Laval AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
205 Alfa Laval AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
206 Alfa Laval AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
207 Alfa Laval AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
208 Alfa Laval AB Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
209 Allergan Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
210 Allergan Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
211 Allergan Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
212 Allergan Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
213 Allergan Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
214 Alliance Oil company Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
215 Alliance Oil company Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
216 Alliance UniChem STND FUT	NYSE Liffe	DELISTED	F
217 Allianz AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
218 Allianz AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
219 Allianz AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

220 Allianz AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
221 Allianz AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
222 Allianz AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
223 Allied Domecq Plc Ex event package	NYSE Liffe	DELISTED	O
224 Allied Domecq plc Ex event package	NYSE Liffe	DELISTED	F
225 Allied Domecq plc FLEX Option	NYSE Liffe	DELISTED	O
226 Allstate Corp/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
227 Allstate Corp/The - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
228 Almirall SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
229 Almirall SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
230 Alstom SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
231 Alstom SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
232 Alstom SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
233 Alstom SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
234 Alstom SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
235 Alstom SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
236 Alstom SA -STND Future	NYSE Liffe	BCLEAR and COB	F
237 ALTEN - Cash Flex Fut	NYSE Liffe	BCLEAR	F
238 ALTEN - Phys Flex Fut	NYSE Liffe	BCLEAR	F
239 Altri SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
240 Altri SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
241 Altria Group Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
242 Altria Group Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
243 Altria Group Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
244 Altria Group Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
245 Altria Group Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
246 Amadeus IT Holding SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
247 Amadeus IT Holding SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
248 Amazon.Com Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
249 Amazon.Com Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
250 Amazon.Com Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
251 Amazon.Com Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
252 Amazon.Com Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
253 Amec - Cash FLEX Future	NYSE Liffe	BCLEAR	F
254 Ameren Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
255 Ameren Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
256 American Capital Ltd - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
257 American Capital Ltd - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
258 American Capital Ltd - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
259 American Capital Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
260 American Capital Ltd- Cash Flex Fut	NYSE Liffe	BCLEAR	F
261 American Electric Power Co Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
262 American Electric Power Co Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
263 American Express Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
264 American Express Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

265 American International Group - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
266 American International Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
267 American International Group - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
268 American International Group - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
269 American International Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
270 American Tower Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
271 American Tower Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
272 Americansourcebergen Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
273 Americansourcebergen Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
274 Americansourcebergen Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
275 Americansourcebergen Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
276 Americansourcebergen Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
277 Ameriprise Financial Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
278 Ameriprise Financial Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
279 Amersham	NYSE Liffe	DELISTED	F
280 Amersham plc	NYSE Liffe	DELISTED	O
281 AMG NV - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
282 AMG NV - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
283 AMG NV - Cash Flex Fut	NYSE Liffe	BCLEAR	F
284 AMG NV - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
285 AMG NV - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
286 AMG NV - Phys Flex Fut	NYSE Liffe	BCLEAR	F
287 Amgen Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
288 Amgen Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
289 Amgen Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
290 Amgen Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
291 Amgen Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
292 Amlin - Cash FLEX Future	NYSE Liffe	BCLEAR	F
293 Amplifon SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
294 Amplifon SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
295 Anadarko Petroleum Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
296 Anadarko Petroleum Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
297 Andritz AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
298 Andritz AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
299 Anglo American plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
300 Anglo American plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
301 Anglo American plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
302 Anglo American plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
303 Anglo American plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
304 Anglo American plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
305 Anheuser-Busch InBev NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
306 Anheuser-Busch InBev NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
307 Anheuser-Busch InBev NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
308 Anheuser-Busch InBev NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
309 Anheuser-Busch InBev NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

310 Anheuser-Busch InBev NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
311 Ansaldo STS SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
312 Ansaldo STS SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
313 Antena 3 de Television SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
314 Antena 3 de Television SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
315 Antena 3 de Television SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
316 Antena 3 de Television SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
317 Antena 3 de Television SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
318 Antena 3 de Television SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
319 Antofagasta plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
320 Antofagasta plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
321 Antofagasta plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
322 Antofagasta plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
323 Antofagasta plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
324 Antofagasta PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
325 AO Tatneft - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
326 AO Tatneft - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
327 AO Tatneft - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
328 AO Tatneft - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
329 AO Tatneft - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
330 AO Tatneft - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
331 AON Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
332 AON Plc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
333 AP Moeller - Maersk A - Cash Flex Fut	NYSE Liffe	BCLEAR	F
334 AP Moeller - Maersk A - Phys Flex Fut	NYSE Liffe	BCLEAR	F
335 AP Moller - Maersk B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
336 AP Moller - Maersk B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
337 AP Moller - Maersk B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
338 AP Moller - Maersk B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
339 AP Moller - Maersk B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
340 AP Moller - Maersk B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
341 Apache Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
342 Apache Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
343 Aperam - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
344 Aperam - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
345 Aperam - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
346 Aperam - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
347 Aperam - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
348 Aperam - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
349 Apple Computer Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
350 Apple Computer Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
351 Apple Computer Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
352 Apple Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
353 Apple Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
354 Applied Materials Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O

355 Applied Materials Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
356 Applied Materials Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
357 Applied Materials Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
358 Applied Materials Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
359 Arcadis N.V - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
360 Arcadis N.V - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
361 Arcadis N.V - Cash Flex Fut	NYSE Liffe	BCLEAR	F
362 Arcadis N.V - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
363 Arcadis N.V - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
364 Arcadis N.V - Phys Flex Fut	NYSE Liffe	BCLEAR	F
365 Arcelor Mittal - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
366 Arcelor Mittal - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
367 Arcelor Mittal - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
368 Arcelor Mittal - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
369 Arcelor Mittal - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
370 Arcelor Mittal - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
371 ArcelorMittal ex event package - Amer Phys FLX Opt	NYSE Liffe	BCLEAR	O
372 ArcelorMittal -STND Future	NYSE Liffe	BCLEAR and COB	F
373 Archer-Daniels-Midland Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
374 Archer-Daniels-Midland Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
375 Arkema - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
376 Arkema - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
377 Arkema SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
378 Arkema SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
379 Arkema SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
380 Arkema SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
381 ARM Holding plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
382 ARM Holding plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
383 ARM Holding plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
384 ARM Holding plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
385 ARM Holding plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
386 ARM Holdings plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
387 Aryzta AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
388 Ashmore Group Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
389 ASML Holding NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
390 ASML Holding NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
391 ASML Holding NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
392 ASML Holding NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
393 ASML Holding NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
394 ASML Holding NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
395 ASML Holding NV-STND Future	NYSE Liffe	BCLEAR and COB	F
396 ASOS PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
397 Aspen Insurance Holdings Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
398 Aspen Insurance Holdings Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
399 Assa Abloy AB American Style Cash Flex Options	NYSE Liffe	BCLEAR	O

400 Assa Abloy AB American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
401 Assa Abloy AB Cash Flex Future	NYSE Liffe	BCLEAR	F
402 Assa Abloy AB European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
403 Assa Abloy AB European Style Physical Flex Options	NYSE Liffe	BCLEAR	O
404 Assa Abloy AB Physical Flex Future	NYSE Liffe	BCLEAR	F
405 Assicurazioni Generali SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
406 Assicurazioni Generali SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
407 Assicurazioni Generali SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
408 Assicurazioni Generali SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
409 Assicurazioni Generali SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
410 Assicurazioni Generali SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
411 Associated British Foods PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
412 Associated British Foods PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
413 Associated British Foods PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
414 Associated British Foods PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
415 Associated British Foods PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
416 Associated British Foods PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
417 Associated British Ports Hldgs - STND FUT	NYSE Liffe	DELISTED	F
418 Astaldi SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
419 Astaldi SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
420 AstraZeneca plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
421 AstraZeneca plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
422 AstraZeneca plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
423 AstraZeneca plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
424 AstraZeneca plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
425 AstraZeneca plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
426 AstraZeneca plc (Stockholmborsen) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
427 AstraZeneca plc (Stockholmborsen) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
428 AstraZeneca plc ST - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
429 AstraZeneca plc ST - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
430 AstraZeneca plc ST - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
431 AstraZeneca plc ST - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
432 AT & T Inc. - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
433 AT & T Inc. - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
434 AT & T Inc. - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
435 AT&T Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
436 AT&T Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
437 Atlantia SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
438 Atlantia SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
439 Atlantia SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
440 Atlantia SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
441 Atlantia SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
442 Atlantia SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
443 Atlas Copco AB A shares - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
444 Atlas Copco AB A shares - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

445 Atlas Copco AB A shares - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
446 Atlas Copco AB A shares - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
447 Atlas Copco AB A shares - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
448 Atlas Copco AB A shares - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
449 Atlas Copco AB-B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
450 Atlas Copco AB-B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
451 Atos - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
452 Atos - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
453 Atos - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
454 Atos - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
455 Atos - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
456 Atos - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
457 Atrium European Real Estate Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
458 Atrium European Real Estate Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
459 Aurico Gold Inc. - Cash FLEX Future	NYSE Liffe	BCLEAR	F
460 Aurico Gold Inc. - Phys FLEX Future	NYSE Liffe	BCLEAR	F
461 Aurubis AG - Cash FLEX Future	NYSE Liffe	BCLEAR	F
462 Aurubis AG - Phys FLEX Future	NYSE Liffe	BCLEAR	F
463 Autogrill SPA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
464 Autogrill SPA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
465 Automatic Data Processing Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
466 Automatic Data Processing Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
467 Automatic Data Processing Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
468 Automatic Data Processing Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
469 Automatic Data Processing Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
470 Autonomy Corporation plc	NYSE Liffe	DELISTED	O
471 Aventis Sa ex event	NYSE Liffe	DELISTED	F
472 Aviva plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
473 Aviva plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
474 Aviva plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
475 Aviva plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
476 Aviva plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
477 Aviva plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
478 AXA SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
479 AXA SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
480 AXA SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
481 AXA SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
482 AXA SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
483 AXA SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
484 Axa SA -STND Future	NYSE Liffe	BCLEAR and COB	F
485 Axel Springer AG - Cash Flex Future	NYSE Liffe	BCLEAR	F
486 Axel Springer AG - Phys Flex Future	NYSE Liffe	BCLEAR	F
487 AZ Electronic materials - Cash FLEX Future	NYSE Liffe	BCLEAR	F
488 Azimut Holding SpA Cash FLEX Fut	NYSE Liffe	BCLEAR	F
489 Azimut Holding SpA -Phys FLEX Fut	NYSE Liffe	BCLEAR	F

490 BAA plc - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
491 BAA plc - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
492 BAA plc - Cash FLEX Fut	NYSE Liffe	DELISTED	F
493 BAA plc - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
494 BAA plc - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
495 BAA plc - STND FUT	NYSE Liffe	DELISTED	F
496 BAA PLC - STND OPT	NYSE Liffe	DELISTED	O
497 Babcock International Group PL - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
498 BAE Systems plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
499 BAE Systems plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
500 BAE Systems plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
501 BAE Systems plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
502 BAE Systems plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
503 BAE Systems plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
504 Baker Hughes Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
505 Baker Hughes Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
506 Balda AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
507 Balfour Beatty - Cash FLEX Future	NYSE Liffe	BCLEAR	F
508 Baloise Holding AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
509 Baloise Holding AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
510 Baloise Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
511 Baloise Holding AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
512 Baloise Holding AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
513 Baloise Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
514 BAM Groep NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
515 BAM Groep NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
516 BAM Groep NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
517 BAM Groep NV	NYSE Liffe	BCLEAR	F
518 BAM Groep NV- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
519 BAM Groep NV- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
520 Banca Carige SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
521 Banca Carige SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
522 Banca Monte dei Paschi di Siena - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
523 Banca Monte dei Paschi di Siena - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
524 Banca Monte dei Paschi Siena - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
525 Banca Monte dei Paschi Siena - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
526 Banca Monte dei Paschi Siena - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
527 Banca Popolare dell Emilia Romagna - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
528 Banca Popolare dell Emilia Romagna-Phys FLEX Fut	NYSE Liffe	BCLEAR	F
529 Banca Popolare di Milano - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
530 Banca Popolare di Milano - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
531 Banca Popolare di Milano - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
532 Banca Popolare di Milano - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
533 Banca Popolare di Milano - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
534 Banco Bilbao Vizcaya Argent - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

535 Banco Bilbao Vizcaya Argent - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
536 Banco Bilbao Vizcaya Argent - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
537 Banco Bilbao Vizcaya Argent - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
538 Banco Bilbao Vizcaya Argentaria SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
539 Banco Bilbao Vizcaya Argentaria SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
540 Banco BPI SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
541 Banco BPI SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
542 Banco Comercial Portugues - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
543 Banco Comercial Portugues - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
544 Banco Comercial Portugues - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
545 Banco Comercial Portugues - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
546 Banco Comercial Portugues - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
547 Banco Comercial Portugues - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
548 Banco de Sabadell SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
549 Banco de Sabadell SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
550 Banco de Sabadell SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
551 Banco de Sabadell SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
552 Banco de Sabadell SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
553 Banco de Sabadell SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
554 Banco Espanol de Credito SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
555 Banco Espanol de Credito SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
556 Banco Espirito Santo SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
557 Banco Espirito Santo SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
558 Banco Popolare Scrl - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
559 Banco Popolare Scrl - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
560 Banco Popolare Scrl - Euro Cash FLEX OPT	NYSE Liffe	BCLEAR	O
561 Banco Popolare Scrl - Euro Phys FLEX OPT	NYSE Liffe	BCLEAR	O
562 Banco Popolare Scrl-STND Future	NYSE Liffe	BCLEAR and COB	F
563 Banco Popolare Scrl -Phys FLEX Fut	NYSE Liffe	BCLEAR	F
564 Banco Popular Espanol SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
565 Banco Popular Espanol SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
566 Banco Popular Espanol SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
567 Banco Popular Espanol SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
568 Banco Popular Espanol SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
569 Banco Popular Espanol SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
570 Banco Santander Central Hispano SA ex event	NYSE Liffe	DELISTED	F
571 Banco Santander Central Hispano SA ex event	NYSE Liffe	DELISTED	O
572 Banco Santander SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
573 Banco Santander SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
574 Banco Santander SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
575 Banco Santander SA - Euro Phys FLEX OPT	NYSE Liffe	BCLEAR	O
576 Banco Santander SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
577 Banco Santander SA- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
578 Bank BPH - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
579 Bank of America Corp - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

580 Bank of America Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
581 Bank of America Corp - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
582 Bank of America Corp - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
583 Bank of America Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
584 BANK OF MONTREAL - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
585 BANK OF MONTREAL - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
586 Bank of New York Mellon Corp/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
587 Bank of New York Mellon Corp/The - Phys FLEX Opt	NYSE Liffe	BCLEAR	F
588 Bank of New York Mellon Corp/The-Am Phy Flx Opt	NYSE Liffe	BCLEAR	O
589 Bank of New York Mellon Corp/The-Euro Cash Flx Opt	NYSE Liffe	BCLEAR	O
590 Bank of New York Mellon Corp/The-Euro Phy Flex Opt	NYSE Liffe	BCLEAR	O
591 BANK OF NOVA SCOTIA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
592 BANK OF NOVA SCOTIA- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
593 Bank Pekao SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
594 Bankia SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
595 Bankia SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
596 Bankinter SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
597 Bankinter SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
598 Bankinter SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
599 Bankinter SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
600 Bankinter SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
601 Bankinter SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
602 Barclays plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
603 Barclays plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
604 Barclays plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
605 Barclays plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
606 Barclays plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
607 Barclays PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
608 Barco NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
609 Barco NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
610 Barco NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
611 Barco NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
612 Barco NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
613 Barco NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
614 Barratt Development Plc - Amer Cash FLEX opt	NYSE Liffe	BCLEAR	O
615 Barratt Development Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
616 Barratt Development Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
617 Barratt Development Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
618 Barratt Development Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
619 Barratt Developments PLC - Cash FLEX Future	NYSE Liffe	BCLEAR	F
620 Barrick Gold Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
621 Barrick Gold Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
622 Barrick Gold Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
623 Barrick Gold Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
624 Barrick Gold Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F

625 Barry Callebaut AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
626 Barry Callebaut AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
627 BASF SE - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
628 BASF SE - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
629 BASF SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
630 BASF SE - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
631 BASF SE - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
632 BASF SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
633 Bauer AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
634 Bauer AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
635 Baxter International Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
636 Baxter International Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
637 Baxter International Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
638 Baxter International Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
639 Baxter International Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
640 BAYER AG	NYSE Liffe	DELISTED	F
641 Bayer AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
642 Bayer AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
643 Bayer AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
644 Bayer AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
645 Bayer AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
646 Bayer AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
647 Bayerische Hypo-und Vereinsbank AG (Package)	NYSE Liffe	DELISTED	F
648 Bayerische Motoren Werke AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
649 Bayerische Motoren Werke AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
650 Bayerische Motoren Werke AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
651 Bayerische Motoren Werke AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
652 Bayerische Motoren Werke AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
653 Bayerische Motoren Werke AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
654 Baywa-Bayerische Warenvermit - Cash Flex Fut	NYSE Liffe	BCLEAR	F
655 Baywa-Bayerische Warenvermit - Phys Flex Fut	NYSE Liffe	BCLEAR	F
656 BB&T Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
657 BB&T Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
658 BB&T Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
659 BB&T Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
660 BB&T Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
661 BCE Inc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
662 BCE Inc - Phys FLEX Future	NYSE Liffe	BCLEAR	F
663 Becton Dickinson & Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
664 Becton Dickinson & Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
665 Becton Dickinson & Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
666 Becton Dickinson & Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
667 Becton Dickinson & Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
668 Befimmo S.C.A. - Cash Flex Fut	NYSE Liffe	BCLEAR	F
669 Befimmo S.C.A. - Phys Flex Fut	NYSE Liffe	BCLEAR	F

670 Beiersdorf AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
671 Beiersdorf AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
672 Beiersdorf AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
673 Beiersdorf AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
674 Beiersdorf AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
675 Beiersdorf AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
676 Bekaert - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
677 Bekaert - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
678 Bekaert NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
679 Bekaert NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
680 Bekaert NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
681 Bekaert NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
682 BEL 20 - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
683 BEL 20 - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
684 BEL 20 Index Future	NYSE Liffe	BCLEAR	F
685 Belgacom SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
686 Belgacom SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
687 Belgacom SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
688 Belgacom SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
689 Belgacom SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
690 Belgacom SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
691 Bell South Corp - Cash FLEX Fut	NYSE Liffe	Delisted 30/1/07	F
692 Bell South Corp - Phys FLEX Fut	NYSE Liffe	Delisted 30/1/07	F
693 Bellway - Cash FLEX Future	NYSE Liffe	BCLEAR	F
694 Bellzone Mining Plc - Cash Flex Future	NYSE Liffe	BCLEAR	F
695 Beneteau - Cash Flex Fut	NYSE Liffe	BCLEAR	F
696 Beneteau - Phys Flex Fut	NYSE Liffe	BCLEAR	F
697 Beni Stabili SpA SIIQ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
698 Beni Stabili SpA SIIQ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
699 Berkeley Group Holdings plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
700 Berkshire Hathaway Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
701 Berkshire Hathaway Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
702 Best Buy Co Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
703 Best Buy Co Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
704 BG Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
705 BG Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
706 BG Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
707 BG Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
708 BG Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
709 BG Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
710 BHP Billiton plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
711 BHP Billiton plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
712 BHP Billiton plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
713 BHP Billiton plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
714 BHP Billiton plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

715 BHP Billiton plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
716 Big Food Group	NYSE Liffe	DELISTED	F
717 Bilfinger SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
718 Bilfinger SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
719 Biogen Idec Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
720 Biogen Idec Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
721 Biogen Idec Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
722 Biogen Idec Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
723 Biogen Idec Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
724 Biomerieux - Cash Flex Fut	NYSE Liffe	BCLEAR	F
725 Biomerieux - Phys Flex Fut	NYSE Liffe	BCLEAR	F
726 Bioton SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
727 BMW AG - PFD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
728 BMW AG - PFD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
729 BNP Paribas - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
730 BNP Paribas - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
731 BNP Paribas - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
732 BNP Paribas - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
733 BNP Paribas - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
734 BNP Paribas - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
735 BNP Paribas -STND Future	NYSE Liffe	BCLEAR and COB	F
736 BOC Group plc - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
737 BOC Group plc - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
738 BOC Group plc - Cash FLEX Fut	NYSE Liffe	DELISTED	F
739 BOC Group plc - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
740 BOC Group plc - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
741 BOC Group plc - STND FUT	NYSE Liffe	DELISTED	F
742 BOC Group Plc - STND OPT	NYSE Liffe	DELISTED	O
743 Boeing Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
744 Boeing Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
745 Boliden AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
746 Boliden AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
747 Boliden AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
748 Boliden AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
749 Boliden AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
750 Boliden AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
751 Bolsas y Mercados Espanoles - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
752 Bolsas y Mercados Espanoles - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
753 Bolsas y Mercados Espanoles Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
754 Bolsas y Mercados Espanoles Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
755 Bolsas y Mercados Espanoles Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
756 Bolsas y Mercados Espanoles Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
757 Booker Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
758 Boskalis NV -STND Future	NYSE Liffe	BCLEAR and COB	F
759 Boskalis Wesminster NV	NYSE Liffe	BCLEAR	F

760 Boskalis Westminster NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
761 Boskalis Westminster NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
762 Boskalis Westminster NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
763 Boskalis Westminster NV- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
764 Boskalis Westminster NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
765 Boston Properties Inc - Amer Phys Flex Opt	NYSE Liffe	Delisted 31/1/13	O
766 Boston Properties Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
767 Boston Properties Inc - Euro Phys Flex Opt	NYSE Liffe	Delisted 31/1/13	O
768 Boston Properties Inc - Phys Flex Fut	NYSE Liffe	Delisted 31/1/13	F
769 Boston Properties Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
770 Bourbon SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
771 Bourbon SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
772 Bouygues - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
773 Bouygues - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
774 Bouygues - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
775 Bouygues - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
776 Bouygues - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
777 Bouygues - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
778 Bouygues SA -STND Future	NYSE Liffe	BCLEAR and COB	F
779 Bovis Homes Group - Cash FLEX Future	NYSE Liffe	BCLEAR	F
780 BP plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
781 BP plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
782 BP plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
783 BP plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
784 BP plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
785 BP PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
786 BPB	NYSE Liffe	DELISTED	F
787 BRE Bank SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
788 Brembo SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
789 Brembo SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
790 Brenntag AG - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
791 Brenntag AG - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
792 Brenntag AG - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
793 Brenntag AG - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
794 BRENNTAG AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
795 BRENNTAG AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
796 Bristol-Myers Squibb Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
797 Bristol-Myers Squibb Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
798 Bristol-Myers Squibb Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
799 Bristol-Myers Squibb Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
800 Bristol-Myers Squibb Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
801 Bristol-Myers Squibb Company	NYSE Liffe	DELISTED	F
802 British American Tobacco plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
803 British American Tobacco plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
804 British American Tobacco plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

805 British American Tobacco plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
806 British American Tobacco plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
807 British American Tobacco PLC STND OPT	NYSE Liffe	BCLEAR and COB	O
808 British Land Co PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
809 British Land Company PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
810 British Land Company PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
811 British Land Company PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
812 British Land Company PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
813 British Land Company PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
814 British Sky Broadcasting Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
815 British Sky Broadcasting plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
816 British Sky Broadcasting plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
817 British Sky Broadcasting plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
818 British Sky Broadcasting plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
819 British Sky Broadcasting plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
820 Britvic PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
821 Broadcom Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
822 Broadcom Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
823 BROOKFIELD ASSET MANAGE-CL A - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
824 BROOKFIELD ASSET MANAGE-CL A - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
825 Brunel International NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
826 Brunel International NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
827 Brunel International NV - Cash Flex Fut	NYSE Liffe	BCLEAR	F
828 Brunel International NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
829 Brunel International NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
830 Brunel International NV - Phys Flex Fut	NYSE Liffe	BCLEAR	F
831 BT Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
832 BT Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
833 BT Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
834 BT Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
835 BT Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
836 BT Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
837 Bunzl - Cash FLEX Future	NYSE Liffe	BCLEAR	F
838 Burberry Group - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
839 Burberry Group - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
840 Burberry Group - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
841 Burberry Group - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
842 Burberry Group - STND OPTION	NYSE Liffe	BCLEAR and COB	O
843 Burberry Group - Cash FLEX Future	NYSE Liffe	BCLEAR	F
844 Bureau Veritas SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
845 Bureau Veritas SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
846 Buzzi Unicem SPA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
847 Buzzi Unicem SPA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
848 Buzzi Unicem SpA RSP - Cash Flex Fut	NYSE Liffe	BCLEAR	F
849 Buzzi Unicem SpA RSP - Phys Flex Fut	NYSE Liffe	BCLEAR	F

850 bwin.party digital entertainment - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
851 C&C Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
852 Cable & Wireless Communications - Amer Cash Flex O	NYSE Liffe	BCLEAR	O
853 Cable & Wireless Communications - Amer Phys Flex O	NYSE Liffe	BCLEAR	O
854 Cable & Wireless Communications - Cash Flex Fut	NYSE Liffe	BCLEAR	F
855 Cable & Wireless Communications - Euro Cash Flex O	NYSE Liffe	BCLEAR	O
856 Cable & Wireless Communications - Euro Phys Flex O	NYSE Liffe	BCLEAR	O
857 Cable & Wireless Communications - STND OPT	NYSE Liffe	BCLEAR and COB	O
858 CAC 40 - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
859 CAC 40 - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
860 CAC 40 Index Future	NYSE Liffe	BCLEAR	F
861 Cairn Energy plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
862 Cairn Energy plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
863 Cairn Energy plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
864 Cairn Energy plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
865 Cairn Energy plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
866 Cairn Energy PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
867 CaixaBank SA - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
868 CaixaBank SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
869 CaixaBank SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
870 CaixaBank SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
871 CaixaBank SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
872 CaixaBank SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
873 CANADIAN IMPERIAL BANK OF COMMERCE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
874 CANADIAN IMPERIAL BANK OF COMMERCE - Phys Flex Fut	NYSE Liffe	BCLEAR	F
875 CANADIAN NATURAL RESOURCES - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
876 CANADIAN NATURAL RESOURCES - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
877 CANADIAN PACIFIC RAILWAY LTD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
878 CANADIAN PACIFIC RAILWAY LTD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
879 Canary Wharf Group	NYSE Liffe	DELISTED	F
880 Cap Gemini SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
881 Cap Gemini SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
882 Cap Gemini SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
883 Cap Gemini SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
884 Cap Gemini SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
885 Cap Gemini SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
886 Cap Gemini SA -STND Future	NYSE Liffe	BCLEAR and COB	F
887 Cape PLC- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
888 Capita Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
889 Capital One Financial Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
890 Capital One Financial Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
891 Capital One Financial Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
892 Capital One Financial Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
893 Capital One Financial Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
894 Capital Shopping Centres Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

895 Cardinal Health Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
896 Cardinal Health Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
897 Cardinal Health Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
898 Cardinal Health Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
899 Cardinal Health Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
900 Cargotec Corporation - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
901 Cargotec Corporation - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
902 Carillion - STND FUT	NYSE Liffe	BCLEAR	F
903 Carillion Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
904 Carl Zeiss Meditec - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
905 Carl Zeiss Meditec - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
906 Carlsberg A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
907 Carlsberg A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
908 Carnival plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
909 Carnival plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
910 Carnival plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
911 Carnival plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
912 Carnival plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
913 Carnival plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
914 Carpetright - STND FUT	NYSE Liffe	DELISTED	F
915 Carrefour SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
916 Carrefour SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
917 Carrefour SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
918 Carrefour SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
919 Carrefour SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
920 Carrefour SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
921 Carrefour SA -STND Future	NYSE Liffe	BCLEAR and COB	F
922 Casino Guichard Perrachon SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
923 Casino Guichard Perrachon SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
924 Casino Guichard Perrachon SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
925 Casino Guichard Perrachon SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
926 Casino Guichard Perrachon SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
927 Casino Guichard Perrachon SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
928 Castellum AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
929 Castellum AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
930 Caterpillar Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
931 Caterpillar Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
932 Caterpillar Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
933 Caterpillar Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
934 Caterpillar Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
935 Catlin Group Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
936 CBS Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
937 CBS Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
938 CBS Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
939 CBS Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O

940 CBS Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
941 Celesio AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
942 Celesio AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
943 Celesio AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
944 Celesio AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
945 Celesio AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
946 Celesio AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
947 Celgene Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
948 Celgene Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
949 Celgene Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
950 Celgene Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
951 Celgene Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
952 Celltech Group plc	NYSE Liffe	DELISTED	F
953 Celltech Group plc ex event	NYSE Liffe	DELISTED	O
954 Cementir Holding SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
955 Cementir Holding SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
956 CENOVUS ENERGY INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
957 CENOVUS ENERGY INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
958 Central European Media - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
959 Centrica plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
960 Centrica plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
961 Centrica plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
962 Centrica plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
963 Centrica plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
964 Centrica Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
965 Centrotherm Photovoltaics AG- Cash FLEX Future	NYSE Liffe	BCLEAR	F
966 Centrotherm Photovoltaics AG- Phys FLEX Future	NYSE Liffe	BCLEAR	F
967 CEZ AS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
968 Charles Schwab Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
969 Charles Schwab Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
970 Chelsfield	NYSE Liffe	DELISTED	F
971 Chesapeake Energy Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
972 Chesapeake Energy Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
973 Chesapeake Energy Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
974 Chesapeake Energy Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
975 Chesapeake Energy Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
976 Chevron Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
977 Chevron Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
978 CHR HANSEN HOLDING A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
979 CHR HANSEN HOLDING A/S- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
980 Christian Dior SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
981 Christian Dior SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
982 Christian Dior SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
983 Christian Dior SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
984 Christian Dior SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

985 Christian Dior SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
986 Chubb Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
987 Chubb Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
988 Cie de Saint-Gobain - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
989 Cie de Saint-Gobain - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
990 Cie de Saint-Gobain - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
991 Cie de Saint-Gobain - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
992 Cie de Saint-Gobain - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
993 Cie de Saint-Gobain - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
994 Cie Generale de Geophysique - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
995 Cie Generale de Geophysique - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
996 Cigna Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
997 Cigna Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
998 Cigna Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
999 Cigna Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1000 Cigna Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1001 Ciments Francais SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1002 Ciments Francais SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1003 Cincinnati Financial Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1004 Cincinnati Financial Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1005 Cincinnati Financial Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1006 Cincinnati Financial Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1007 Cincinnati Financial Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1008 Cineworld Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1009 CIR SpA - cash FLEX Fut	NYSE Liffe	BCLEAR	F
1010 CIR SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1011 Cisco Systems INC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1012 Cisco Systems Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1013 Cisco Systems INC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1014 Cisco Systems INC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1015 Cisco Systems Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1016 Citigroup Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1017 Citigroup Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1018 Citigroup Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1019 Citigroup Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1020 Citigroup Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1021 Clariant N - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1022 Clariant N - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1023 Clariant N - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1024 Clariant N - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1025 Clariant N - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1026 Clariant N - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1027 Clorox Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1028 Clorox Co - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1029 Clorox Co - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1030 Clorox Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1031 Clorox Co- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1032 Close Brothers Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1033 CME Group Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1034 CME Group Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1035 CNP Assurances - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1036 CNP Assurances - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1037 CNP Assurances - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1038 CNP Assurances - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1039 CNP Assurances - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1040 CNP Assurances - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1041 Coach Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1042 Coach Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1043 Cobham - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1044 Coca Cola Co - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
1045 Coca Cola Co - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
1046 Coca Cola Co - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
1047 Coca Cola Enterprises - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1048 Coca Cola Enterprises - Phy Flex Fut	NYSE Liffe	BCLEAR	F
1049 Coca-Cola Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1050 Coca-Cola Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1051 Cofide SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1052 Cofide SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1053 Cofina SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
1054 Cofina SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
1055 Cofinimmo - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1056 Cofinimmo - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1057 Cognizant Technology Solutions - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1058 Cognizant Technology Solutions - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1059 Colgate-Palmolive Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1060 Colgate-Palmolive Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1061 Colgate-Palmolive Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1062 Colgate-Palmolive Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1063 Colgate-Palmolive Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1064 Coloplast A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1065 Coloplast A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1066 Colruyt SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1067 Colruyt SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1068 Colruyt SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1069 Colruyt SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1070 Colruyt SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1071 Colruyt SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1072 Colt Group SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1073 Comcast Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1074 Comcast Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F

1075	Comerica Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1076	Comerica Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1077	Comerica Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1078	Comerica Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1079	Comerica Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1080	Commerzbank AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1081	Commerzbank AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1082	Commerzbank AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1083	Commerzbank AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1084	Commerzbank AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1085	Commerzbank AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1086	Compagnie de Saint Gobain -STND Future	NYSE Liffe	BCLEAR and COB	F
1087	Compass Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1088	Compass Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1089	Compass Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1090	Compass Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1091	Compass Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1092	Compass Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1093	ConAgra Foods Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1094	ConAgra Foods Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1095	ConAgra Foods Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1096	ConAgra Foods Inc- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1097	ConAgra Foods Inc- Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1098	ConocoPhillips - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1099	ConocoPhillips - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1100	Consolidated Edison Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1101	Consolidated Edison Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1102	Continental AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1103	Continental AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1104	Continental AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1105	Continental AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1106	Continental AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1107	Continental AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1108	Conwert Immobilien Invest SE - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1109	Conwert Immobilien Invest SE - Phys FLEX Future	NYSE Liffe	BCLEAR	F
1110	Corio NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1111	Corio NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1112	Corio NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1113	Corio NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1114	Corio NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1115	Corio NV-STND Future	NYSE Liffe	BCLEAR and COB	F
1116	Corio NV -Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1117	Corning Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1118	Corning Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1119	Corp Financiera Alba - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

1120	Corp Financiera Alba - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1121	Costco Wholesale Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1122	Costco Wholesale Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1123	Coventry Health Care Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1124	Coventry Health Care Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1125	Coventry Health Care Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1126	Coventry Health Care Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1127	Coventry Health Care Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1128	CR Bard Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1129	CR Bard Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1130	CR Bard Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1131	CR Bard Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1132	CR Bard Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1133	Credit Agricole SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1134	Credit Agricole SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1135	Credit Agricole SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1136	Credit Agricole SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1137	Credit Agricole SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1138	Credit Agricole SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1139	Credit Agricole SA -STND Future	NYSE Liffe	BCLEAR and COB	F
1140	Credit Suisse Group - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1141	Credit Suisse Group AG ADR-Cash FLEX Future	NYSE Liffe	BCLEAR	F
1142	Credit Suisse Group AG ADR-Phys FLEX Future	NYSE Liffe	BCLEAR	F
1143	Credit Suisse Group- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1144	Credit Suisse Group- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1145	Credit Suisse Group- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1146	Credit Suisse Group- Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1147	Credit Suisse Group-Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1148	Credito Emiliano SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1149	Credito Emiliano SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1150	CRH PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1151	CRH PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1152	CRH PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1153	CRH PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1154	CRH PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1155	CRH PLC (UK) - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1156	CRH PLC (UK) - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1157	CRH Plc (UK) - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1158	CRH PLC (UK) - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1159	CRH PLC (UK) - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1160	CRH PLC (UK) - STND OPT	NYSE Liffe	BCLEAR and COB	O
1161	CROCS Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1162	CROCS Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1163	CROCS Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1164	CROCS Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O

1165 CROCS Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1166 Croda International - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1167 CSM NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1168 CSM NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1169 CSM NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1170 CSM NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1171 CSM Nv - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1172 CSM NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1173 CSX Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1174 CSX Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1175 Cummins Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1176 Cummins Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1177 CVS Caremark Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1178 CVS Caremark Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1179 D.E MASTER BLENDEERS 1753 N.V. - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1180 D.E MASTER BLENDEERS 1753 N.V. - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1181 D.E MASTER BLENDEERS 1753 N.V. - Cash FLEX fut	NYSE Liffe	BCLEAR	F
1182 D.E MASTER BLENDEERS 1753 N.V. - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1183 D.E MASTER BLENDEERS 1753 N.V. - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1184 D.E MASTER BLENDEERS 1753 N.V. - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1185 D/S Norden A/S - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1186 D/S Norden A/S - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1187 Daily Mail & General Trust (A Shs) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1188 Daimler AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1189 Daimler AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1190 Daimler AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1191 Daimler AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1192 Daimler AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1193 Daimler AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1194 Dairy Crest Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1195 Danaher Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1196 Danaher Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1197 Danone - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1198 Danone - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1199 Danone - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1200 Danone - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1201 Danone - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1202 Danone - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1203 Danone -STND Future	NYSE Liffe	BCLEAR and COB	F
1204 Danske Bank A/S	NYSE Liffe	DELISTED	F
1205 Danske Bank A/S - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1206 Danske Bank A/S - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1207 Danske Bank A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1208 Danske Bank A/S - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1209 Danske Bank A/S - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1210 Danske Bank A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1211 Darty Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1212 Dassault Systemes SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1213 Dassault Systemes SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1214 Dassault Systemes SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1215 Dassault Systemes SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1216 Dassault Systemes SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1217 Dassault Systemes SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1218 Davide Campari - Milano - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1219 Davide Campari Milano - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1220 Davita Healthcare Partners Inc - Amer Phys Flex Op	NYSE Liffe	BCLEAR	O
1221 Davita Healthcare Partners Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1222 Davita Healthcare Partners Inc - Euro Cash Flex Op	NYSE Liffe	BCLEAR	O
1223 Davita Healthcare Partners Inc - Euro Phys Flex Op	NYSE Liffe	BCLEAR	O
1224 Davita Healthcare Partners Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1225 DCC PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1226 DCC PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1227 DCC PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1228 DCC PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1229 DCC PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1230 De Vere Group - STND FUT	NYSE Liffe	DELISTED	F
1231 Debenhams PLC- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1232 Deere & Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1233 Deere & Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1234 Delhaize Group - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1235 Delhaize Group - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1236 Delhaize Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1237 Delhaize Group - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1238 Delhaize Group - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1239 Delhaize Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1240 Dell Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1241 Dell Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1242 Dell Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1243 Dell Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1244 Dell Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1245 De'Longhi SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1246 De'Longhi SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1247 Delta Lloyd NV - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
1248 Delta Lloyd NV - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1249 Delta Lloyd NV - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1250 Delta Lloyd NV - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1251 Delta Lloyd NV - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1252 Delta Lloyd NV - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1253 Dentsply Intl Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1254 Dentsply Intl Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F

1255 Dentsply Intl Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1256 Dentsply Intl Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1257 Dentsply Intl Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1258 Deoleo SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
1259 Deoleo SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
1260 Derwent London PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1261 Deutsche Bank AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1262 Deutsche Bank AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1263 Deutsche Bank AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1264 Deutsche Bank AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1265 Deutsche Bank AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1266 Deutsche Bank AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1267 Deutsche Bank AG (US) - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1268 Deutsche Bank AG (US) - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1269 Deutsche Boerse AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1270 Deutsche Boerse AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1271 Deutsche Boerse AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1272 Deutsche Boerse AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1273 Deutsche Boerse AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1274 Deutsche Boerse AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1275 Deutsche Euroshop AG - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
1276 Deutsche Euroshop AG - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
1277 Deutsche Euroshop AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1278 Deutsche Euroshop AG - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
1279 Deutsche Euroshop AG - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
1280 Deutsche Euroshop AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1281 Deutsche Lufthansa AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1282 Deutsche Lufthansa AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1283 Deutsche Lufthansa AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1284 Deutsche Lufthansa AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1285 Deutsche Lufthansa AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1286 Deutsche Lufthansa AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1287 Deutsche Post AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1288 Deutsche Post AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1289 Deutsche Post AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1290 Deutsche Post AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1291 Deutsche Post AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1292 Deutsche Post AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1293 Deutsche Postbank AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1294 Deutsche Postbank AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1295 Deutsche Postbank AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1296 Deutsche Postbank AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1297 Deutsche Postbank AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1298 Deutsche Postbank AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1299 Deutsche Telekom AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

1300 Deutsche Telekom AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1301 Deutsche Telekom AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1302 Deutsche Telekom AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1303 Deutsche Telekom AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1304 Deutsche Telekom AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1305 Deutsche Wohnen AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1306 Deutsche Wohnen AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1307 DEUTZ AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1308 DEUTZ AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1309 Devon Energy Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1310 Devon Energy Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1311 DFS Furniture Co	NYSE Liffe	DELISTED	F
1312 DIA SA - Cash FLEX fut	NYSE Liffe	BCLEAR	F
1313 DIA SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1314 Diageo plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1315 Diageo plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1316 Diageo plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1317 Diageo plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1318 Diageo plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1319 Diageo PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
1320 D'ieteren SA/NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1321 D'ieteren SA/NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1322 Dimension Data Holdings plc	NYSE Liffe	DELISTED	O
1323 Diploma PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1324 Direct Line Group Plc - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
1325 Direct Line Group Plc - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
1326 Direct Line Group Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1327 Direct Line Group Plc - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
1328 Direct Line Group Plc - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
1329 Direct Line Group Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1330 DIRECTV - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1331 DIRECTV - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1332 Discovery Communications Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1333 Discovery Communications Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1334 Dixons Retail Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1335 Dixons Retail Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1336 Dixons Retail Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1337 Dixons Retail Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1338 Dixons Retail Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1339 Dixons Retail Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1340 DNB ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1341 DNB ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1342 DNB ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1343 DNB ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1344 DNB ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1345 DNB ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1346 DNO International ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1347 DNO International ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1348 Dominion Resources Inc/VA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1349 Dominion Resources Inc/VA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1350 Domino's Pizza Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1351 Dow Chemical Co/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1352 Dow Chemical Co/The - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1353 Dragon Oil Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1354 Drax Group Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1355 DS Smith Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1356 DSM NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1357 DSM NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1358 DSM NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1359 DSM NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1360 DSM NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1361 DSM NV	NYSE Liffe	BCLEAR	F
1362 DSM NV Koninklijke-STND Future	NYSE Liffe	BCLEAR and COB	F
1363 DSV A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1364 DSV A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1365 DTE Energy Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1366 DTE Energy Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1367 DTE Energy Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1368 DTE Energy Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1369 DTE Energy Co- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1370 Du Pont (E.I.) De Nemours - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1371 Du Pont (E.I.) De Nemours - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1372 Duke Energy Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1373 Duke Energy Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1374 E*Trade Financial Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1375 E*Trade Financial Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1376 E*Trade Financial Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1377 E*Trade Financial Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1378 E*Trade Financial Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1379 E.ON SE - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1380 E.ON SE - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1381 E.ON SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1382 E.ON SE - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1383 E.ON SE - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1384 E.ON SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1385 EADS Company -STND Future	NYSE Liffe	BCLEAR and COB	F
1386 East Asiatic Compnay Ltd A/S - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1387 East Asiatic Compnay Ltd A/S - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1388 Eastman Chemical Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1389 Eastman Chemical Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O

1390 Eastman Chemical Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1391 Eastman Chemical Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1392 Eastman Chemical Co- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1393 Easyjet - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1394 Eaton Corporation plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1395 Eaton Corporation plc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1396 eBay Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1397 eBay Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1398 Ebookers	NYSE Liffe	DELISTED	F
1399 Ebro Foods SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1400 Ebro Foods SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1401 Edenred - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1402 Edenred - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1403 EDP Renovaveis - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1404 EDP Renovaveis	NYSE Liffe	BCLEAR	F
1405 Edwards Lifesciences Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1406 Edwards Lifesciences Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1407 Edwards Lifesciences Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1408 Edwards Lifesciences Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1409 Edwards Lifesciences Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1410 Egg	NYSE Liffe	DELISTED	F
1411 Egis Pharmaceuticals Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1412 Eiffage SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1413 Eiffage SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1414 Elan Corp PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1415 Elan Corp PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1416 Elan Corp PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1417 Elan Corp PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1418 Elan Corp PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1419 ELDORADO GOLD CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1420 ELDORADO GOLD CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1421 Electricite de France - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1422 Electricite de France - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1423 Electricite de France - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1424 Electricite de France - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1425 Electricite de France - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1426 Electricite de France - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1427 Electricite de France -STND Future	NYSE Liffe	BCLEAR and COB	F
1428 Electrocomponents - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1429 Electrolux AB ser. B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1430 Electrolux AB ser. B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1431 Electrolux AB ser. B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1432 Electrolux AB ser. B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1433 Electrolux AB ser. B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1434 Electrolux AB ser. B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

1435 Elekta AB (B shares) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1436 Elekta AB (B shares) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1437 Elementis PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1438 Eli Lilly & Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1439 Eli Lilly & Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1440 Eli Lilly & Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1441 Eli Lilly & Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1442 Eli Lilly & Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1443 Elia System Operator SA/NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1444 Elia System Operator SA/NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1445 Elisa Oyj - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1446 Elisa Oyj - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1447 Elisa Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1448 Elisa Oyj - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1449 Elisa Oyj - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1450 Elisa Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1451 Elringklinger AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1452 Elringklinger AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1453 EMC Corp/Massachusetts - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1454 EMC Corp/Massachusetts - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1455 EMC Corp/Massachusetts - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1456 EMC Corp/Massachusetts - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1457 EMC Corp/Massachusetts - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1458 Emerson Electric Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1459 Emerson Electric Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1460 Enagas - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1461 Enagas - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1462 Enagas - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1463 Enagas - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1464 Enagas - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1465 Enagas - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1466 ENBRIDGE INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1467 ENBRIDGE INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1468 ENCANA CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1469 ENCANA CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1470 Endesa SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
1471 Endesa SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
1472 Enel Green Power SpA - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1473 Enel Green Power SpA - Phys FLEX Future	NYSE Liffe	BCLEAR	F
1474 Enel SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1475 Enel SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1476 Enel SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1477 Enel SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1478 Enel SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1479 Enel SpA -STND Future	NYSE Liffe	BCLEAR and COB	F

1480 Energias de Portugal SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1481 Energias de Portugal SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1482 Energias de Portugal SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1483 Energias de Portugal SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1484 Energias de Portugal SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1485 Energias de Portugal SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1486 Energy Transfer Partners LP - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1487 Energy Transfer Partners LP - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1488 ENERPLUS CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1489 ENERPLUS CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1490 ENI SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1491 ENI SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1492 ENI SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1493 ENI SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1494 ENI SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1495 Eni SpA-STND Future	NYSE Liffe	BCLEAR and COB	F
1496 Eniro AB - American Style Cash Flex Options	NYSE Liffe	BCLEAR	O
1497 Eniro AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1498 Eniro AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1499 Eniro AB American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
1500 Eniro AB European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
1501 Eniro AB European Style Physical Flex Options	NYSE Liffe	BCLEAR	O
1502 Entergy Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1503 Entergy Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1504 Enterprise Inns Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1505 Enterprise Porducts Partners LP - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1506 Enterprise Porducts Partners LP - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1507 EOG Resources Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1508 EOG Resources Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1509 Eramet - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1510 Eramet - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1511 ERG SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1512 ERG SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1513 Ericsson Telefonaktiebolaget LM - Amer Cash Flex	NYSE Liffe	BCLEAR	O
1514 Ericsson Telefonaktiebolaget LM - Amer Phys FLEX O	NYSE Liffe	BCLEAR	O
1515 Ericsson Telefonaktiebolaget LM - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1516 Ericsson Telefonaktiebolaget LM - Euro Cash FLEX O	NYSE Liffe	BCLEAR	O
1517 Ericsson Telefonaktiebolaget LM - Euro Phys FLEX O	NYSE Liffe	BCLEAR	O
1518 Ericsson Telefonaktiebolaget LM - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1519 Erste Group Bank AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1520 Erste Group Bank AG - Amer Phys FLEX	NYSE Liffe	BCLEAR	O
1521 Erste Group Bank AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1522 Erste Group Bank AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1523 Erste Group Bank AG - Euro Phys FLEX	NYSE Liffe	BCLEAR	O
1524 Erste Group Bank AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

1525 Erste Group Bank AG (CZ) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1526 Espirito Santo Financial Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1527 Essar Energy PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1528 Essar Energy PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1529 Essar Energy PLC - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1530 Essar Energy PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1531 Essar Energy PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1532 Essar Energy Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1533 Essilor International SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1534 Essilor International SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1535 Essilor International SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1536 Essilor International SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1537 Essilor International SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1538 Essilor International SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1539 Essilor International SA -STND Future	NYSE Liffe	BCLEAR and COB	F
1540 Estee Lauder Cos Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1541 Estee Lauder Cos Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1542 Etablissements Maurel et Prom - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1543 Etablissements Maurel et Prom - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1544 Euler Hermes SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1545 Euler Hermes SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1546 Eurasian Natural Resources - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1547 Eurasian Natural Resources - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1548 Eurasian Natural Resources - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1549 Eurasian Natural Resources - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1550 Eurasian Natural Resources - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1551 Eurasian Natural Resources Corp Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1552 Eurazeo - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1553 Eurazeo - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1554 Euro Aero Defense and Sp (DB) - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1555 Euro Aero Defense and Sp (DB) - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1556 Euro Aero Defense and Sp (DB) - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1557 Euro Aero Defense and Sp (DB) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1558 Euro Aero Defense and Sp (DB) - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1559 Euro Aero Defense and Sp (DB) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1560 Euro Aero Defense and Space - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1561 Euro Aero Defense and Space - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1562 Euro Aero Defense and Space - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1563 Euro Aero Defense and Space - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1564 Euro Aero Defense and Space - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1565 Euro Aero Defense and Space - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1566 Eutelsat Communications - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1567 Eutelsat Communications - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1568 EVN AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1569 EVN AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1570 EVN AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1571 EVN AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1572 EVN AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1573 EVN AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1574 Evraz Group Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1575 Exel	NYSE Liffe	DELISTED	F
1576 Exelon Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1577 Exelon Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1578 Exor SpA - Cash Flex Future	NYSE Liffe	BCLEAR	F
1579 Exor SpA - Phys Flex Future	NYSE Liffe	BCLEAR	F
1580 Exor SpA PRF - Cash Flex Future	NYSE Liffe	BCLEAR	F
1581 Exor SpA PRF - Phys Flex Future	NYSE Liffe	BCLEAR	F
1582 Experian Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1583 Experian Plc - American Cash Flex Option	NYSE Liffe	BCLEAR	O
1584 Experian Plc - American Physical Flex Option	NYSE Liffe	BCLEAR	O
1585 Experian Plc - Cash Flex Future	NYSE Liffe	BCLEAR	F
1586 Experian Plc - European Cash Flex Option	NYSE Liffe	BCLEAR	O
1587 Experian Plc - European Physical Flex Option	NYSE Liffe	BCLEAR	O
1588 Express Scripts Holding Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1589 Express Scripts Holding Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1590 Exxon Mobil Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1591 Exxon Mobil Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1592 Exxon Mobil Corporation - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1593 Exxon Mobil Corporation - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1594 Exxon Mobil Corporation - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1595 Facebook Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1596 Facebook Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1597 FAES FARMA SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1598 FAES FARMA SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1599 Faurecia - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1600 Faurecia - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1601 FedEx Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1602 FedEx Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1603 Ferrovial SA Contracts - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1604 Ferrovial SA Contracts - Phys FLEX	NYSE Liffe	BCLEAR	F
1605 Ferrovial SA Contracts- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1606 Ferrovial SA Contracts- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1607 Ferrovial SA Contracts- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1608 Ferrovial SA Contracts- Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1609 FHB Mortgage Bank PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1610 Fiat - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1611 Fiat - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1612 Fiat - Euro Cash FLEX opt	NYSE Liffe	BCLEAR	O
1613 Fiat - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1614 Fiat - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

1615 Fiat -STND Future	NYSE Liffe	BCLEAR and COB	F
1616 Fiat Industrial - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1617 Fiat Industrial - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1618 Fiat Industrial - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1619 Fiat Industrial - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1620 Fiat Industrial - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1621 Fidessa Group Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1622 Fielmann AG - Cash Fut	NYSE Liffe	BCLEAR	F
1623 Fielmann AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1624 Fifth Third Bancorp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1625 Fifth Third Bancorp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1626 Fifth Third Bancorp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1627 Fifth Third Bancorp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1628 Fifth Third Bancorp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1629 Finmeccanica - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1630 Finmeccanica SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1631 Finmeccanica SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1632 Finmeccanica SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1633 Finmeccanica SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1634 First Horizon National Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1635 First Horizon National Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1636 First Horizon National Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1637 First Horizon National Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1638 First Horizon National Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1639 Firstgroup - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1640 FLSmidth & Co A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1641 FLSmidth & Co A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1642 Flughafen Wien AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1643 Flughafen Wien AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1644 Flughafen Wien AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1645 Flughafen Wien AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1646 Flughafen Wien AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1647 Flughafen Wien AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1648 Fomento de Construcciones SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1649 Fomento de Construcciones SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1650 Fomento de Construcciones SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1651 Fomento de Construcciones SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1652 Fomento de Construcciones SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1653 Fomento de Construcciones SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1654 Fonciere Des Regions - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1655 Fonciere Des Regions - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1656 Ford Motor Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1657 Ford Motor Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1658 Forest Laboratories Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1659 Forest Laboratories Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

1660 Fortum Oyj - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1661 Fortum Oyj - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1662 Fortum Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1663 Fortum Oyj - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1664 Fortum Oyj - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1665 Fortum Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1666 France Telecom SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1667 France Telecom SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1668 France Telecom SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1669 France Telecom SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1670 France Telecom SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1671 France Telecom SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1672 France Telecom SA (ex.Orange SA)	NYSE Liffe	DELISTED	F
1673 France Telecom SA -STND Future	NYSE Liffe	BCLEAR and COB	F
1674 Franklin Resources Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1675 Franklin Resources Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1676 Fraport AG Frankfurt Airport Srvc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1677 Fraport AG Frankfurt Airport Srvc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1678 Fred. Olsen Energy ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1679 Fred. Olsen Energy ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1680 Freenet AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1681 Freenet AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1682 Freeport-McMoRan Copper & Gold Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1683 Freeport-McMoRan Copper & Gold Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1684 Freeport-McMoRan Copper & Gold Inc-Amer Ph FL Opt	NYSE Liffe	BCLEAR	O
1685 Freeport-McMoRan Copper & Gold Inc-Euro Csh FL Opt	NYSE Liffe	BCLEAR	O
1686 Freeport-McMoRan Copper & Gold Inc-Euro Pys FL Opt	NYSE Liffe	BCLEAR	O
1687 Fresenius Medical Care AG St - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1688 Fresenius Medical Care AG St - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1689 Fresenius Medical Care AG&co - Amer Cash FLEX opt	NYSE Liffe	BCLEAR	O
1690 Fresenius Medical Care AG&Co - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1691 Fresenius Medical Care AG&Co - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1692 Fresenius Medical Care AG&Co - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1693 Fresenius SE & Co. KGaA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1694 Fresenius SE & Co. KGaA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1695 Fresenius SE & Co. KGaA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1696 Fresenius SE & Co. KGaA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1697 Fresenius SE & Co. KGaA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1698 Fresenius SE & Co. KGaA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1699 Fresnillo Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1700 Fresnillo Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1701 Fresnillo PLC - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1702 Fresnillo Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1703 Fresnillo Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1704 Fresnillo Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O

1705 Frontier Communications Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1706 Frontier Communications Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1707 Frontier Communications Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1708 Frontier Communications Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1709 Frontier Communications Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1710 Frontline Limited - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1711 Frontline Limited - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1712 FTSE 100 - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
1713 FTSE 100 - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
1714 FTSE 100 (NEW STYLE) INDEX	NYSE Liffe	BCLEAR and COB	F
1715 FTSE 100 Declared Dividend Index Futures	NYSE Liffe	BCLEAR and COB	F
1716 FTSE 100 Dividend Index Future - RDSA Withholding	NYSE Liffe	BCLEAR and COB	F
1717 FTSE 100 Index (ESX) STND OPT	NYSE Liffe	BCLEAR and COB	O
1718 FTSE 100 Index (SEI)	NYSE Liffe	DELISTED	O
1719 FTSE 100 Total Return (Declared Dividend) Index	NYSE Liffe	BCLEAR	F
1720 FTSE 250 Index FLEX Options	NYSE Liffe	BCLEAR	O
1721 FTSE 250 INDEX FUTURES	NYSE Liffe	BCLEAR and COB	F
1722 FTSE Eurotop 100 Index -STND Future	NYSE Liffe	BCLEAR and COB	F
1723 FTSEurofirst 100	NYSE Liffe	BCLEAR	F
1724 FTSEurofirst 100 - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
1725 FTSEurofirst 100 - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
1726 FTSEurofirst 80	NYSE Liffe	BCLEAR	F
1727 FTSEurofirst 80 - Amer FLEX Index Opt	NYSE Liffe	BCLEAR	O
1728 FTSEurofirst 80 - Euro FLEX Index Opt	NYSE Liffe	BCLEAR	O
1729 Fuchs Petrolub AG - PFD - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1730 Fuchs Petrolub AG - PFD - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1731 Fugro NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1732 Fugro NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1733 Fugro NV -STND Future	NYSE Liffe	BCLEAR and COB	F
1734 Fugro NV Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1735 Fugro NV Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1736 Fugro NV Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1737 Fugro NV Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1738 G4S Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1739 G4S plc - STND FUT	NYSE Liffe	DELISTED	F
1740 GAGFAH SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1741 GAGFAH SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1742 Galp Energia - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1743 Galp Energia- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1744 Galp Energia - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1745 Galp Energia - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1746 Galp Energia - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1747 Galp Energia	NYSE Liffe	BCLEAR	F
1748 GAM Holding - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1749 GAM Holding - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1750 GAM Holding - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1751 GAM Holding - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1752 GAM Holding - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1753 GAM Holding - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1754 Gamesa Corp Tecnologica SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1755 Gamesa Corp Tecnologica SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1756 Gamesa Corp Tecnologica SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1757 Gamesa Corp Tecnologica SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1758 Gamesa Corp Tecnologica SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1759 Gamesa Corp Tecnologica SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1760 Gannett Co Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1761 Gannett Co Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1762 Gannett Co Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1763 Gannett Co Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1764 Gannett Co Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1765 Gap Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1766 Gap Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1767 Garmin Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1768 Garmin Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1769 Gas Natural SDG SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1770 Gas Natural SDG SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1771 Gas Natural SDG SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1772 Gas Natural SDG SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1773 Gas Natural SDG SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1774 Gas Natural SDG SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1775 Gazprom Neft - Amer Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
1776 Gazprom Neft - Amer Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
1777 Gazprom Neft - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1778 Gazprom Neft - Euro Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
1779 Gazprom Neft - Euro Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
1780 Gazprom Neft - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1781 GDF Suez - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1782 GDF Suez - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1783 GDF Suez - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1784 GDF Suez - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1785 GDF Suez - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1786 GDF Suez - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1787 GDF Suez -STND Future	NYSE Liffe	BCLEAR and COB	F
1788 GEA Group AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1789 GEA Group AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1790 Gea Group AG Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1791 Gea Group AG Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1792 Gea Group AG Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1793 Gea Group AG Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1794 Geberit AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

1795 Geberit AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1796 Geberit AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1797 Geberit AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1798 Geberit AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1799 Geberit AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1800 Gecina SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1801 Gecina SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1802 Geest	NYSE Liffe	DELISTED	F
1803 GEM Diamonds Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1804 Gemalto NV - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
1805 Gemalto NV - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
1806 Gemalto NV - Cash FLEX Future	NYSE Liffe	BCLEAR	F
1807 Gemalto NV - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
1808 Gemalto NV - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
1809 Gemalto NV - Phys FLEX Future	NYSE Liffe	BCLEAR	F
1810 Gemina SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1811 Gemina SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1812 General Dynamics Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1813 General Dynamics Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1814 General Electric Company - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1815 General Electric Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1816 General Electric Company - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1817 General Electric Company - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1818 General Electric Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1819 General Mills Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1820 General Mills Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1821 Gen-Probe Inc - Cash FLEX Fut	NYSE Liffe	Delisted 1/8/12	F
1822 Gen-Probe Inc - Euro Cash FLEX Opt	NYSE Liffe	Delisted 1/8/12	O
1823 Gen-Probe Inc - Euro Phys FLEX Opt	NYSE Liffe	Delisted 1/8/12	O
1824 Gen-Probe Inc - Phys FLEX Fut	NYSE Liffe	Delisted 1/8/12	F
1825 Gen-Probe Inc- Amer Phys FLEX Opt	NYSE Liffe	Delisted 1/8/12	O
1826 Georg Fischer AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1827 Georg Fischer AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1828 Geox SpA - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1829 Geox SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1830 Geox SpA - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1831 Geox SpA - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1832 Geox SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1833 Gerry Weber International AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1834 Gerry Weber International AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1835 Gerry Weber International AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1836 Gerry Weber International AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1837 Gerry Weber International AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1838 Gerry Weber International AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1839 GETIN HOLDING SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

1840	Getinge AB - Cash Flex Future	NYSE Liffe	BCLEAR	F
1841	Getinge AB - Phys Flex Future	NYSE Liffe	BCLEAR	F
1842	GILDAN ACTIVEWEAR INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1843	GILDAN ACTIVEWEAR INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1844	Gildemeister AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1845	Gildemeister AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1846	Gilead Sciences Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1847	Gilead Sciences Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1848	Gilead Sciences Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1849	Gilead Sciences Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1850	Gilead Sciences Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1851	Gimv NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1852	Givaudan - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1853	Givaudan - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1854	Givaudan - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1855	Givaudan - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1856	Givaudan - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1857	Givaudan - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1858	GKN - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1859	GKN -STND FUT	NYSE Liffe	DELISTED	F
1860	GlaxoSmithKline plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1861	GlaxoSmithKline plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1862	GlaxoSmithKline plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1863	GlaxoSmithKline plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1864	GlaxoSmithKline plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1865	GlaxoSmithKline plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
1866	Glencore International - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1867	Glencore International - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1868	Glencore International - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1869	Glencore International - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1870	Glencore International - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1871	Glencore International - STND OPT	NYSE Liffe	BCLEAR and COB	O
1872	Globaltrans Investment PLC GDR - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1873	Globaltrans Investment plc GDR - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1874	Globe Trade Centre SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1875	GN Store Nord - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1876	GN Store Nord - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1877	GOLDCORP INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1878	GOLDCORP INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1879	Goldman Sachs Group Inc/The - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1880	Goldman Sachs Group Inc/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1881	Goldman Sachs Group Inc/The - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1882	Goldman Sachs Group Inc/The - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1883	Goldman Sachs Group Inc/The - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1884	Google Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

1885 Google Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1886 Google Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1887 Google Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1888 Google Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1889 Grafton Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1890 Great Portland Estates - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1891 Great Portland Estates - STND FUT	NYSE Liffe	DELISTED	F
1892 Greene King - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1893 Greene King - STND FUT	NYSE Liffe	DELISTED	F
1894 Grifols SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1895 Grifols SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1896 Groupe Bruxelles Lambert SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1897 Groupe Bruxelles Lambert SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1898 Groupe Bruxelles Lambert SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1899 Groupe Bruxelles Lambert SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1900 Groupe Bruxelles Lambert SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1901 Groupe Bruxelles Lambert SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1902 GROUPE EUROTUNNEL SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1903 GROUPE EUROTUNNEL SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1904 GROUPE STERIA SCA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1905 GROUPE STERIA SCA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1906 Grupa Lotos SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1907 Grupo Catalana Occidente SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
1908 Grupo Catalana Occidente SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
1909 Gruppo Editoriale L Espresso SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1910 Gruppo Editoriale L Espresso SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1911 GSW Immobilien - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1912 GSW Immobilien - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1913 GUS plc - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
1914 GUS plc - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
1915 GUS plc - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
1916 GUS plc - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
1917 GUS Plc ex-event package	NYSE Liffe	DELISTED	F
1918 GUS PLC ex-event package	NYSE Liffe	DELISTED	O
1919 GWR Group	NYSE Liffe	DELISTED	F
1920 H. Lundbeck A/S - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1921 H. Lundbeck A/S - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1922 Halfords Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1923 Halliburton Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1924 Halliburton Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1925 Halliburton Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1926 Halliburton Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1927 Halliburton Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1928 Halma - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1929 Halma - STND FUT	NYSE Liffe	DELISTED	F

1930 Hamburger Hafen und Logistik - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1931 Hamburger Hafen und Logistik - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1932 Hammerson Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1933 Hannover Rueck AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1934 Hannover Rueck AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1935 Hannover Rueck AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1936 Hannover Rueck AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1937 Hannover Rueck AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1938 Hannover Rueck AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1939 Hargreaves Lansdown PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1940 Hartford Financial Services Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1941 Hartford Financial Services Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1942 Havas SA - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
1943 Havas SA - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1944 Havas SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1945 Havas SA - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1946 Havas SA - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1947 Havas SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1948 Hays - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1949 Hays - STND FUT	NYSE Liffe	DELISTED	F
1950 HeidelbergCement AG - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
1951 HeidelbergCement AG - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1952 HeidelbergCement AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1953 HeidelbergCement AG - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1954 HeidelbergCement AG - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1955 HeidelbergCement AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1956 Heidelberger Druckmaschinen AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1957 Heidelberger Druckmaschinen AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1958 Heineken Holding NV - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
1959 Heineken Holding NV - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
1960 Heineken Holding NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1961 Heineken Holding NV - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
1962 Heineken Holding NV - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
1963 Heineken Holding NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1964 Heineken NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1965 Heineken NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1966 Heineken NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1967 Heineken NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1968 Heineken NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1969 Heineken NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1970 Heineken NV -STND Future	NYSE Liffe	BCLEAR and COB	F
1971 Heinz Co - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
1972 Heinz Co - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
1973 Heinz Co - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
1974 Henderson Group PLC- Cash FLEX Fut	NYSE Liffe	BCLEAR	F

1975 Henkel AG & CO KGaA - PFD - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1976 Henkel AG & CO KGaA - PFD - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1977 Henkel AG & CO KGaA - PFD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1978 Henkel AG & CO KGaA - PFD - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1979 Henkel AG & CO KGaA - PFD - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1980 Henkel AG & CO KGaA - PFD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1981 Henkel AG & Co. KGAA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1982 Henkel AG & Co. KGAA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1983 Hennes & Mauritz AB ser. B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1984 Hennes & Mauritz AB ser. B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1985 Hennes & Mauritz AB ser. B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1986 Hennes & Mauritz AB ser. B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
1987 Hennes & Mauritz AB ser. B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
1988 Hennes & Mauritz AB ser. B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1989 Hera SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1990 Hera SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1991 Hermes International - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
1992 Hermes International - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
1993 Hershey Co/The - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
1994 Hershey Co/The - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
1995 Hershey Co/The - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
1996 Hershey Co/The - Phys Flex Fut	NYSE Liffe	BCLEAR	F
1997 Hershey Co/The- Cash Flex Fut	NYSE Liffe	BCLEAR	F
1998 Hess Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
1999 Hess Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2000 Hewlett-Packard Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2001 Hewlett-Packard Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2002 Hewlett-Packard Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2003 Hewlett-Packard Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2004 Hewlett-Packard Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2005 Hexagon AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2006 Hexagon AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2007 Hikma Pharmaceuticals PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2008 HIT Entertainment	NYSE Liffe	DELISTED	F
2009 HJ Heinz Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2010 HJ Heinz Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2011 HMS Hydraulic Mach & Sys Gp PLC - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2012 Hochschild Mining PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2013 Hochtief AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2014 Hochtief AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2015 Hochtief AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2016 Hochtief AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2017 Hochtief AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2018 Hochtief AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2019 Holcim Ltd - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

2020 Holcim Ltd - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2021 Holcim Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2022 Holcim Ltd - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2023 Holcim Ltd - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2024 Holcim Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2025 Holmen AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2026 Holmen AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2027 Holmen AB American Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2028 Holmen AB American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2029 Holmen AB European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2030 Holmen AB European Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2031 Hologic Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2032 Hologic Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2033 Hologic Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2034 Hologic Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2035 Hologic Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2036 Home Depot Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2037 Home Depot Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2038 Home Depot Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2039 Home Depot Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2040 Home Depot Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2041 Home Retail Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2042 Homeserve - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2043 Homeserve plc - STND FUT	NYSE Liffe	DELISTED	F
2044 Honeywell International Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2045 Honeywell International Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2046 Hospira Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2047 Hospira Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2048 Hospira Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2049 Hospira Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2050 Hospira Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2051 Host Hotels & Resorts Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2052 Host Hotels & Resorts Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2053 Host Hotels & Resorts Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2054 Host Hotels & Resorts Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2055 Host Hotels & Resorts Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2056 HSBC Holdings plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2057 HSBC Holdings plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2058 HSBC Holdings plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2059 HSBC Holdings plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2060 HSBC Holdings plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2061 HSBC Holdings plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2062 Hugo Boss AG - Ord - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2063 Hugo Boss AG - Ord - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2064 Hunting PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

2065	Huntington Bancshares Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2066	Huntington Bancshares Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2067	Huntington Bancshares Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2068	Huntington Bancshares Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2069	Huntington Bancshares Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2070	Husqvarna European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2071	Husqvarna European Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2072	Husqvarna AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2073	Husqvarna AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2074	Husqvarna American Style Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2075	Husqvarna American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2076	Iberdrola SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2077	Iberdrola SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2078	Iberdrola SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2079	Iberdrola SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2080	Iberdrola SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2081	Iberdrola SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2082	IBM - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2083	IBM - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2084	IBM - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2085	IBM Corporation - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2086	IBM Corporation - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2087	Icade - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2088	Icade - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2089	ICAP PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2090	ICAP PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2091	ICAP PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2092	ICAP PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2093	ICAP PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2094	ICAP PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2095	IG Group Holdings PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2096	Iliad SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2097	Iliad SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2098	Illinois Tool Works Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2099	Illinois Tool Works Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2100	Imagination Technologies Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2101	Imerys SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2102	Imerys SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2103	IMI - STND FUT	NYSE Liffe	DELISTED	F
2104	IMI Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2105	Immobiliare Grande Distribuzione - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2106	Immobiliare Grande Distribuzione - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2107	IMMOFINANZ AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2108	IMMOFINANZ AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2109	Imperial Tobacco Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

2110 Imperial Tobacco Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2111 Imperial Tobacco Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2112 Imperial Tobacco Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2113 Imperial Tobacco Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2114 Imperial Tobacco Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2115 Impregilo - Cash FLEX Fut	NYSE Liffe	Delisted 15/4/13	F
2116 Impregilo - Phys FLEX Fut	NYSE Liffe	Delisted 15/4/13	F
2117 Inchcape - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2118 Inchcape - STND FUT	NYSE Liffe	DELISTED	F
2119 Independent News & Media PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2120 Indesit Company SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2121 Indesit Company SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2122 Inditex SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2123 Inditex SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2124 Inditex SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2125 Inditex SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2126 Inditex SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2127 Inditex SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2128 Indra Sistemas SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2129 Indra Sistemas SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2130 Indra Sistemas SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2131 Indra Sistemas SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2132 Indra Sistemas SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2133 Indra Sistemas SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2134 Industria Macchine Automatiche SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2135 Industria Macchine Automatiche SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2136 Industrivarden AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2137 Industrivarden AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2138 Infineon Technologies AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2139 Infineon Technologies AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2140 Infineon Technologies AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2141 Infineon Technologies AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2142 Infineon Technologies AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2143 Infineon Technologies AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2144 Informa Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2145 Informa plc - STND FUT	NYSE Liffe	DELISTED	F
2146 ING Groep NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2147 ING Groep NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2148 ING Groep NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2149 ING Groep NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2150 ING Groep NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2151 ING Groep NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2152 ING Groep NV-STND Future	NYSE Liffe	BCLEAR and COB	F
2153 INGENICO SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2154 INGENICO SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

2155 Inmarsat PLC- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2156 Int. Consolidated Airlines SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2157 Int. Consolidated Airlines SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2158 Int. Consolidated Airlines SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2159 Int. Consolidated Airlines SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2160 Int. Consolidated Airlines SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2161 Int. Consolidated Airlines SA - STND OPT	NYSE Liffe	BCLEAR and COB	O
2162 Intel Corporation - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2163 Intel Corporation - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2164 Intel Corporation - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2165 Intel Corporation - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2166 Intel Corporation - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2167 Intercell AG - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2168 Intercell AG - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2169 Intercontinental Hotels Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2170 InterContinental Hotels Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2171 Intercontinental Hotels Grp - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2172 Intercontinental Hotels Grp - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2173 Intercontinental Hotels Grp - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2174 Intercontinental Hotels Grp - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2175 Intermediate Capital Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2176 Interpump Group SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2177 Interpump Group SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2178 Intertek Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2179 Intesa Sanpaolo SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2180 Intesa Sanpaolo SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2181 Intesa Sanpaolo SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2182 Intesa Sanpaolo SpA - Euro Physical FLEX Opt	NYSE Liffe	BCLEAR	O
2183 Intesa Sanpaolo SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2184 Intesa Sanpaolo SpA (Savings) - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2185 Intesa Sanpaolo SpA (Savings) - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2186 Intuitive Surgical Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2187 Intuitive Surgical Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2188 Intuitive Surgical Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2189 Intuitive Surgical Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2190 Intuitive Surgical Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2191 Invensys plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2192 Invensys plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2193 Invensys plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2194 Invensys plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2195 Invensys plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2196 Invensys PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2197 Investec PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2198 Investec PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2199 Investec PLC - Cash Flex Fut	NYSE Liffe	BCLEAR	F

2200 Investec PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2201 Investec PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2202 Investec PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2203 Investor AB - B shares - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2204 Investor AB - B shares - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2205 Investor AB B shares - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2206 Investor AB B shares - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2207 Investor AB B shares - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2208 Investor AB B shares - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2209 IPSEN - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2210 IPSEN - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2211 IPSOS - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2212 IPSOS - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2213 Iren Spa - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2214 Iren Spa - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2215 Italcementi SPA - (savings) - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2216 Italcementi SPA - (savings) - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2217 Italcementi SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2218 Italcementi SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2219 Italcementi SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2220 Italcementi SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2221 Italcementi SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2222 ITV plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2223 ITV plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2224 ITV plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2225 ITV plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2226 ITV plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2227 ITV plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2228 IVG Immobilien AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2229 IVG Immobilien AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2230 J Sainsbury plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2231 J Sainsbury plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2232 J Sainsbury plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2233 J Sainsbury plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2234 J Sainsbury plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2235 Jardine Lloyd Thompson Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2236 JC Decaux SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2237 JC Decaux SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2238 JDS Uniphase Corp	NYSE Liffe	DELISTED	F
2239 Jeronimo Martins SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
2240 Jeronimo Martins SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
2241 JKX Oil & Gas plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2242 JM AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2243 JM AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2244 Johnson & Johnson - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

2245	Johnson & Johnson - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2246	Johnson & Johnson - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2247	Johnson & Johnson - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2248	Johnson & Johnson - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2249	Johnson Controls Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2250	Johnson Controls Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2251	Johnson Matthey PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2252	JPMorgan Chase & Co - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2253	JPMorgan Chase & Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2254	JPMorgan Chase & Co - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2255	JPMorgan Chase & Co - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2256	JPMorgan Chase & Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2257	JSC Chelyabinsk Zinc Plant - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2258	JSC Chelyabinsk Zinc Plant - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2259	Julius Baer Gruppe - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2260	Julius Baer Gruppe - Amer Physical FLEX Opt	NYSE Liffe	BCLEAR	O
2261	Julius Baer Gruppe - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2262	Julius Baer Gruppe - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2263	Julius Baer Gruppe - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2264	Julius Baer Gruppe - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2265	Juniper Networks Inc	NYSE Liffe	DELISTED	F
2266	Juniper Networks Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2267	Juniper Networks Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2268	Jyske Bank A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2269	Jyske Bank A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2270	K+S AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2271	K+S AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2272	K+S AG Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2273	K+S AG Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2274	K+S AG Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2275	K+S AG Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2276	Kabel Deutschland Holding AG- Cash FLEX Future	NYSE Liffe	BCLEAR	F
2277	Kabel Deutschland Holding AG- Phys FLEX Future	NYSE Liffe	BCLEAR	F
2278	Kabel Deutschland Holding AG-Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
2279	Kabel Deutschland Holding AG-Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
2280	Kabel Deutschland Holding AG-Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
2281	Kabel Deutschland Holding AG-Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
2282	Kazakhmys plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2283	Kazakhmys plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2284	Kazakhmys plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2285	Kazakhmys plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2286	Kazakhmys plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2287	Kazakhmys PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2288	KB Financial Group Inc ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2289	KB Financial Group Inc ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

2290 KBC Groep NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2291 KBC Groep NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2292 KBC Groep NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2293 KBC Groep NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2294 KBC Groep NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2295 KBC Groep NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2296 Kellogg Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2297 Kellogg Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2298 KEMIRA OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2299 KEMIRA OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2300 Kerry Group PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2301 Kerry Group PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2302 Kerry Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2303 Kerry Group PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2304 Kerry Group PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2305 Kesko OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2306 Kesko OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2307 Keycorp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2308 Keycorp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2309 Keycorp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2310 Keycorp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2311 Keycorp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2312 KGHM Polska Miedz SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2313 Kimberly-Clark Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2314 Kimberly-Clark Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2315 Kinder Morgan Energy Partners LP - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2316 Kinder Morgan Energy Partners LP - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2317 Kingfisher plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2318 Kingfisher plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2319 Kingfisher plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2320 Kingfisher plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2321 Kingfisher plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2322 Kingfisher PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2323 Kingspan Group Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2324 Kinnevik Investmant AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2325 Kinnevik Investment AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2326 Kinnevik Investment AB Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
2327 Kinnevik Investment AB Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2328 Kinnevik Investment AB Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2329 Kinnevik Investment AB Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2330 KINROSS GOLD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2331 KINROSS GOLD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2332 Klepierre - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2333 Klepierre - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2334 Kloeckner & Co AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

2335 Kloeckner & Co AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2336 Kohl's Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2337 Kohl's Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2338 Komerčni Banka AS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2339 Kone OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2340 Kone OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2341 Korea Electrical Power Corp ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2342 Korea Electrical Power Corp ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2343 KPN NV- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2344 KPN NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2345 KPN NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2346 KPN NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2347 KPN NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2348 KPN NV	NYSE Liffe	BCLEAR	F
2349 KPN NV -STND Future	NYSE Liffe	BCLEAR and COB	F
2350 Kronos AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2351 Kronos AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2352 Kronos AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2353 Kronos AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2354 Kronos AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2355 Kronos AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2356 KT Corporation ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2357 KT Corporation ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2358 Kudelski AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2359 Kudelski AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2360 Kudelski AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2361 Kudelski AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2362 Kudelski AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2363 Kudelski AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2364 Kuehne & Nagel Int AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2365 Kuehne & Nagel Int AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2366 Kuehne & Nagel Int AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2367 Kuehne & Nagel Int AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2368 Kuehne & Nagel Int AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2369 Kuehne & Nagel Int AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2370 Laboratory Crp of Amer hldings - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2371 Laboratory Crp of Amer hldings - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2372 Laboratory Crp of Amer hldings-Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2373 Laboratory Crp of Amer hldings-Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2374 Laboratory Crp of Euro hldings-Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2375 Ladbrokes plc - Amer Cash FLEX opt	NYSE Liffe	BCLEAR	O
2376 Ladbrokes plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2377 Ladbrokes plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2378 Ladbrokes plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2379 Ladbrokes plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

2380	Ladbrokes plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2381	Lafarge SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2382	Lafarge SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2383	Lafarge SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2384	Lafarge SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2385	Lafarge SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2386	Lafarge SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2387	Lafarge -STND Future	NYSE Liffe	BCLEAR and COB	F
2388	Lagardere S.C.A. - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2389	Lagardere S.C.A. - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2390	Lagardere S.C.A. - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2391	Lagardere S.C.A. - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2392	Lagardere S.C.A. - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2393	Lagardere S.C.A. - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2394	Land Securities Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2395	Land Securities Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2396	Land Securities Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2397	Land Securities Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2398	Land Securities Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2399	Land Securities Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2400	Landi Renzo SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2401	Landi Renzo SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2402	Lanxess - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2403	Lanxess - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2404	Lanxess - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2405	Lanxess - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2406	Lanxess - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2407	Lanxess - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2408	Lastminute.Com	NYSE Liffe	DELISTED	F
2409	Legal & General Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2410	Legal & General Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2411	Legal & General Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2412	Legal & General Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2413	Legal & General Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2414	Legal & General Group PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2415	Leggett & Platt Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2416	Leggett & Platt Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2417	Leggett & Platt Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2418	Leggett & Platt Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2419	Leggett & Platt Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2420	Legrand SA Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2421	Legrand SA Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2422	Legrand SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2423	Legrand SA Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2424	Legrand SA Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

2425 Legrand SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2426 Legrand SA -STND Future	NYSE Liffe	BCLEAR and COB	F
2427 Lenzing AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2428 Leoni AG- Cash FLEX Future	NYSE Liffe	BCLEAR	F
2429 Leoni AG- Phys FLEX Future	NYSE Liffe	BCLEAR	F
2430 LG Display Company Ltd ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2431 LG Display Company Ltd ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2432 Life Technologies Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2433 Life Technologies Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2434 Life Technologies Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2435 Life Technologies Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2436 Life Technologies Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2437 Linde AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2438 Linde AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2439 Linde AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2440 Linde AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2441 Linde AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2442 Linde AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2443 Lloyds Banking Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2444 Lloyds Banking Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2445 Lloyds Banking Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2446 Lloyds Banking Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2447 Lloyds Banking Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2448 LLOYDS Banking GROUP PLC STND OPT	NYSE Liffe	BCLEAR and COB	O
2449 Lockheed Martin Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2450 Lockheed Martin Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2451 Loews Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2452 Loews Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2453 Logitech International SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2454 Logitech International SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2455 Logitech International SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2456 Logitech International SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2457 Logitech International SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2458 Logitech International SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2459 London Merchant Securities - STND FUT	NYSE Liffe	DELISTED	F
2460 London Merchant Securities (Dfd)	NYSE Liffe	DELISTED	F
2461 London Stock Exchange plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2462 London Stock Exchange plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2463 London Stock Exchange plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2464 London Stock Exchange plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2465 London Stock Exchange plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2466 London Stock Exchange plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2467 Lonmin plc	NYSE Liffe	DELISTED	O
2468 Lonmin PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2469 Lonmin PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

2470 Lonmin Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2471 Lonmin PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2472 Lonmin PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2473 Lonmin PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2474 Lonza Group AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2475 Lonza Group AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2476 Lonza Group AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2477 Lonza Group AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2478 Lonza Group AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2479 Lonza Group AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2480 L'Oreal SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2481 L'Oreal SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2482 L'Oreal SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2483 L'Oreal SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2484 L'Oreal SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2485 L'Oreal SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2486 L'Oreal SA -STND Future	NYSE Liffe	BCLEAR and COB	F
2487 Lorillard Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2488 Lorillard Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2489 Lottomatica SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2490 Lottomatica SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2491 Lottomatica SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2492 Lottomatica SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2493 Lottomatica SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2494 Lowe's Cos Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2495 Lowe's Cos Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2496 LSR Group OJSC GDR - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2497 LSR Group OJSC GDR - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2498 Lukoil OAO - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2499 Lukoil OAO - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2500 Lukoil OAO - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2501 Lukoil OAO - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2502 Lukoil OAO - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2503 Lukoil OAO - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2504 Lundin Pet AB American Syle Physical Flex Options	NYSE Liffe	BCLEAR	O
2505 Lundin Pet European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2506 Lundin Petroleum - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2507 Lundin Petroleum AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2508 Lundin Petroleum Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2509 Lundin Petroleum Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2510 Luxottica Group SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2511 Luxottica Group SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2512 Luxottica Group SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2513 Luxottica Group SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2514 Luxottica Group SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

2515 LVMH Moet Hennessy Louis V - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2516 LVMH Moet Hennessy Louis V - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2517 LVMH Moet Hennessy Louis V - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2518 LVMH Moet Hennessy Louis V - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2519 LVMH Moet Hennessy Louis Vuitton SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2520 LVMH Moet Hennessy Louis Vuitton SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2521 LyondellBasell - Cash FLEX Future	NYSE Liffe	BCLEAR	F
2522 LyondellBasell - Phys FLEX Future	NYSE Liffe	BCLEAR	F
2523 M&T Bank Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2524 M&T Bank Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2525 M&T Bank Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2526 M&T Bank Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2527 M&T Bank Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2528 M6-Metropole Television - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2529 M6-Metropole Television - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2530 MAGNA INTERNATIONAL INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2531 MAGNA INTERNATIONAL INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2532 MAGNIT OJCS-SPON GDR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2533 MAGNIT OJCS-SPON GDR - Phys Flex Future	NYSE Liffe	BCLEAR	F
2534 Magyar Telekom - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2535 Maire Tecnimont SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2536 Maire Tecnimont SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2537 Man Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2538 Man Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2539 Man Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2540 Man Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2541 Man Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2542 Man Group Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2543 MAN SE - Amer Cash FLEX Opt	NYSE Liffe	Delisted 28/3/13	O
2544 MAN SE - Amer Phys FLEX Opt	NYSE Liffe	Delisted 28/3/13	O
2545 MAN SE - Cash FLEX Fut	NYSE Liffe	Delisted 28/3/13	F
2546 MAN SE - Euro Cash FLEX Opt	NYSE Liffe	Delisted 28/3/13	O
2547 MAN SE - Euro Phys FLEX Opt	NYSE Liffe	Delisted 28/3/13	O
2548 MAN SE - Phys FLEX Fut	NYSE Liffe	Delisted 28/3/13	F
2549 Manchester United	NYSE Liffe	DELISTED	F
2550 MANULIFE FINANCIAL CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2551 MANULIFE FINANCIAL CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2552 Mapfre SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2553 Mapfre SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2554 Mapfre SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2555 Mapfre SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2556 Mapfre SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2557 Mapfre SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2558 Marathon Oil Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2559 Marathon Oil Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

2560 Marine Harvest - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2561 Marine Harvest - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2562 Marine Harvest - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2563 Marine Harvest - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2564 Marine Harvest - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2565 Marine Harvest - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2566 Marks & Spencer Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2567 Marks & Spencer Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2568 Marks & Spencer Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2569 Marks & Spencer Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2570 Marks & Spencer Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2571 Marks and Spencer PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2572 MARR SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2573 MARR SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2574 Marriott International Inc/DE - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2575 Marriott International Inc/DE - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2576 Marsh & McLennan Cos Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2577 Marsh & McLennan Cos Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2578 Marsh & McLennan Cos Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2579 Marsh & McLennan Cos Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2580 Marsh & McLennan Cos Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2581 Marvell Technology Group Ltd - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2582 Marvell Technology Group Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2583 Marvell Technology Group Ltd - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2584 Marvell Technology Group Ltd - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2585 Marvell Technology Group Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2586 Masco Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2587 Masco Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2588 Masco Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2589 Masco Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2590 Masco Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2591 Mastercard Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2592 Mastercard Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2593 Mattel Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2594 Mattel Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2595 Mattel Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2596 Mattel Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2597 Mattel Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2598 Mayr-Melnhof Karton AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2599 Mayr-Melnhof Karton AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2600 Mayr-Melnhof Karton AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2601 Mayr-Melnhof Karton AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2602 Mayr-Melnhof Karton AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2603 Mayr-Melnhof Karton AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2604 MBIA Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O

2605 MBIA Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2606 MBIA Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2607 MBIA Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2608 MBIA Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2609 McBride PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2610 McCarthy & Stone - STND FUT	NYSE Liffe	DELISTED	F
2611 McDonalds Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2612 McDonalds Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2613 McDonalds Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2614 McDonalds Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2615 McDonalds Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2616 Mckesson Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2617 Mckesson Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2618 Mckesson Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2619 Mckesson Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2620 Mckesson Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2621 Meda AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2622 Meda AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2623 Mediaset Espana Comunicacion SA - Amer Phys FLEX	NYSE Liffe	BCLEAR	O
2624 Mediaset Espana Comunicacion SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2625 Mediaset Espana Comunicacion SA - Euro Cash FLEX	NYSE Liffe	BCLEAR	O
2626 Mediaset Espana Comunicacion SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2627 Mediaset Espana Comunicacion SA - Euro Phys FLEX	NYSE Liffe	BCLEAR	O
2628 Mediaset Espana Comunicacion SA -Amer Csh FLEX OP	NYSE Liffe	BCLEAR	O
2629 Mediaset SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2630 Mediaset SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2631 Mediaset SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2632 Mediaset SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2633 Mediaset SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2634 Mediaset SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
2635 Mediobanca SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2636 Mediobanca SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2637 Mediobanca SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2638 Mediobanca SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2639 Mediobanca SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2640 Mediobanca SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
2641 Mediolanum SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2642 Mediolanum SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2643 Mediolanum SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2644 Mediolanum SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2645 Mediolanum SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2646 Mediq NV - Amer Cash Flex Opt	NYSE Liffe	Delisted 1/2/13	O
2647 Mediq NV - Amer Phys Flex Opt	NYSE Liffe	Delisted 1/2/13	O
2648 Mediq NV - Cash Flex Fut	NYSE Liffe	Delisted 1/2/13	F
2649 Mediq NV - Euro Cash Flex Opt	NYSE Liffe	Delisted 1/2/13	O

2650 Mediq NV - Euro Phys Flex Opt	NYSE Liffe	Delisted 1/2/13	O
2651 Mediq NV - Phys Flex Fut	NYSE Liffe	Delisted 1/2/13	F
2652 Mednax Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2653 Mednax Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2654 Mednax Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2655 Mednax Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2656 Mednax Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2657 Medtronic Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2658 Medtronic Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2659 Medtronic Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2660 Medtronic Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2661 Medtronic Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2662 Meggitt - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2663 Mercialys SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2664 Mercialys SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2665 Merck & Co Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2666 Merck & Co Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2667 Merck & Co Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2668 Merck & Co. Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2669 Merck & Co. Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2670 Merck KGaA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2671 Merck KGaA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2672 Merck KGaA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2673 Merck KGaA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2674 Merck KGaA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2675 Merck KGaA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2676 Mersen - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2677 Mersen - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2678 Mersey Docks & Harbour Co	NYSE Liffe	DELISTED	F
2679 MetLife Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2680 MetLife Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2681 Metro AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2682 Metro AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2683 Metro AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2684 Metro AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2685 Metro AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2686 Metro AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2687 Metso - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2688 Metso - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2689 Metso - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2690 Metso - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2691 Metso - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2692 Metso - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2693 MHP SA GDR - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2694 MHP SA GDR - Phys Flex Fut	NYSE Liffe	BCLEAR	F

2695 Michael Page International - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2696 Michelin - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2697 Michelin - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2698 Michelin - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2699 Michelin - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2700 Michelin - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2701 Michelin - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2702 Microsoft Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2703 Microsoft Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2704 Microsoft Corporation - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2705 Microsoft Corporation - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2706 Microsoft Corporation - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2707 Misys plc	NYSE Liffe	DELISTED	O
2708 Mitchells & Butlers plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2709 Mitie Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2710 MLP AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2711 MLP AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2712 MLP AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2713 MLP AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2714 MLP AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2715 MLP AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2716 MMC Norilsk Nickel - Amer Cash FLEX OpT	NYSE Liffe	BCLEAR	O
2717 MMC Norilsk Nickel - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2718 MMC Norilsk Nickel - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2719 MMC Norilsk Nickel - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2720 MMC Norilsk Nickel - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2721 MMC Norilsk Nickel - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2722 Mobistar SA American Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2723 Mobistar SA American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2724 Mobistar SA Cash Flex Future	NYSE Liffe	BCLEAR	F
2725 Mobistar SA European Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2726 Mobistar SA European Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2727 Mobistar SA Physical Flex Future	NYSE Liffe	BCLEAR	F
2728 Modern Times American Style Physical Flex Options	NYSE Liffe	BCLEAR	O
2729 Modern Times Group AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2730 Modern Times Group AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2731 Modern Times Group AB Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2732 Modern Times Group AB Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2733 Modern Times Group AB US Style Cash Flex Options	NYSE Liffe	BCLEAR	O
2734 MOL Hungarian Oil & Gas - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2735 Mondadori (Arnoldo) Editore SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
2736 Mondadori (Arnoldo) Editore SpA Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2737 Mondadori (Arnoldo) Editore SpA Cash Flex Fut	NYSE Liffe	BCLEAR	F
2738 Mondadori (Arnoldo) Editore SpA Eur Cash Flex Opt	NYSE Liffe	BCLEAR	O
2739 Mondadori (Arnoldo) Editore SpA Eur Phys Flex Opt	NYSE Liffe	BCLEAR	O

2740 Mondadori (Arnoldo) Editore SpA Phys Flex Fut	NYSE Liffe	BCLEAR	F
2741 Mondelez International Inc. - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2742 Mondelez International Inc. - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2743 Mondi PLC- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2744 Monsanto Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2745 Monsanto Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2746 Montebalito SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2747 Montebalito SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2748 Montpellier Re Holdings Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2749 Montpellier Re Holdings Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2750 Morgan Stanley - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2751 Morgan Stanley - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2752 Morgan Stanley - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2753 Morgan Stanley - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2754 Morgan Stanley - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2755 Morrison (Wm) Supermarkets plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2756 Morrison WM Supermarkets - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2757 Morrison WM Supermarkets plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2758 Morrison WM Supermarkets plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2759 Morrison WM Supermarkets plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2760 Morrison WM Supermarkets plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2761 Mota Engil SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
2762 Mota Engil SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
2763 Motorola Solutions Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2764 Motorola Solutions Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2765 Motorola Solutions Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2766 Motorola Solutions Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2767 Motorola Solutions Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2768 MSCI AC Asia Pacific Ex Japan Futures	NYSE Liffe	BCLEAR	F
2769 MSCI AC Far East ex Japan Index Future	NYSE Liffe	BCLEAR	F
2770 MSCI All Countries Asia Ex Japan Index Futures	NYSE Liffe	BCLEAR	F
2771 MSCI Brazil Index Future	NYSE Liffe	BCLEAR	F
2772 MSCI BRIC Index Future	NYSE Liffe	BCLEAR	F
2773 MSCI Canada Index Futures	NYSE Liffe	BCLEAR	F
2774 MSCI Canada Net TR EUR Index Future	NYSE Liffe	BCLEAR	F
2775 MSCI EAFE Index Future	NYSE Liffe	BCLEAR	F
2776 MSCI EM Asia Index Future	NYSE Liffe	BCLEAR	F
2777 MSCI EM EMEA Index Future	NYSE Liffe	BCLEAR	F
2778 MSCI EM Lat Am Index Future	NYSE Liffe	BCLEAR	F
2779 MSCI Emerging Markets (EM) Index Future	NYSE Liffe	BCLEAR	F
2780 MSCI Emerging Markets Net TR EUR Index Future	NYSE Liffe	BCLEAR	F
2781 MSCI Europe Ex Switzerland Index Futures	NYSE Liffe	BCLEAR	F
2782 MSCI Europe Ex UK Index Futures	NYSE Liffe	BCLEAR	F
2783 MSCI Europe Index Future	NYSE Liffe	BCLEAR	F
2784 MSCI Europe Net Total Return EUR Index Future	NYSE Liffe	BCLEAR	F

2785	MSCI France Net Total Return EUR Index	NYSE Liffe	BCLEAR	F
2786	MSCI France Net Total Return EUR Index Future	NYSE Liffe	BCLEAR	F
2787	MSCI Hong Kong Index Future	NYSE Liffe	BCLEAR	F
2788	MSCI India Index Futures	NYSE Liffe	BCLEAR	F
2789	MSCI India Net TR EUR Index Future	NYSE Liffe	BCLEAR	F
2790	MSCI Japan Index Futures	NYSE Liffe	BCLEAR	F
2791	MSCI KOKUSAI Gross TR USD Index Futures	NYSE Liffe	BCLEAR	F
2792	MSCI KOKUSAI Net TR USD Index Future	NYSE Liffe	BCLEAR	F
2793	MSCI Mexico Index Future	NYSE Liffe	BCLEAR	F
2794	MSCI Pacific ex Japan Index Futures	NYSE Liffe	BCLEAR	F
2795	MSCI South Africa Net TR EUR Index Future	NYSE Liffe	BCLEAR	F
2796	MSCI South Africa Net TR USD Index Future	NYSE Liffe	BCLEAR	F
2797	MSCI USA Index Futures	NYSE Liffe	BCLEAR	F
2798	MSCI USA Net TR EUR Index Future	NYSE Liffe	BCLEAR	F
2799	MSCI World Consumer Disc NTR USD Index Futures	NYSE Liffe	BCLEAR	F
2800	MSCI World Consumer Stap NTR USD Index Futures	NYSE Liffe	BCLEAR	F
2801	MSCI World Energy Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2802	MSCI World Financials Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2803	MSCI World Health Care Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2804	MSCI World Index Future	NYSE Liffe	BCLEAR	F
2805	MSCI World Industrials Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2806	MSCI World IT Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2807	MSCI World Materials Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2808	MSCI World Net Total Return EUR Index Future	NYSE Liffe	BCLEAR	F
2809	MSCI World Telecom Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2810	MSCI World Utilities Net TR USD Index Futures	NYSE Liffe	BCLEAR	F
2811	MTU Aero Engines Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2812	MTU Aero Engines Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2813	Muenchener Rueckversicherung - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2814	Muenchener Rueckversicherung - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2815	Muenchener Rueckversicherung - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2816	Muenchener Rueckversicherung - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2817	Muenchener Rueckversicherungs - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2818	Muenchener Rueckversicherungs - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2819	Mulberry Group Plc - Cash Flex Future	NYSE Liffe	BCLEAR	F
2820	National Express Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2821	National Grid plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2822	National Grid plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2823	National Grid plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2824	National Grid plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2825	National Grid plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2826	National Grid PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
2827	National Oilwell Varco Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2828	National Oilwell Varco Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2829	Natixis - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

2830 Natixis - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2831 Natixis - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2832 Natixis - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2833 Natixis - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2834 Natixis - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2835 Neopost SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2836 Neopost SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2837 Neste Oil OYJ - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2838 Neste Oil OYJ - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2839 Neste Oil OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2840 Neste Oil OYJ - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2841 Neste Oil OYJ - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2842 Neste Oil OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2843 Nestle SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2844 Nestle SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2845 Nestle SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2846 Nestle SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2847 Nestle SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2848 Nestle SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2849 NetApp Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2850 NetApp Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2851 New York Times Co/The - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
2852 New York Times Co/The - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
2853 New York Times Co/The - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
2854 New York Times Co/The - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2855 New York Times Co/The- Cash Flex Fut	NYSE Liffe	BCLEAR	F
2856 Newmont Mining Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2857 Newmont Mining Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2858 News Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2859 News Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2860 Nexans SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2861 Nexans SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2862 NEXEN INC - Cash FLEX Fut	NYSE Liffe	Delisted 26/2/13	F
2863 NEXEN INC - Phys FLEX Fut	NYSE Liffe	Delisted 26/2/13	F
2864 Nexity - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2865 Nexity - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2866 Next plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2867 Next plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2868 Next plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2869 Next plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2870 Next plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2871 Next Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2872 NextEra Energy Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2873 NextEra Energy Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2874 NH Hoteles SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

2875 NH Hoteles SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2876 NH Hoteles SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2877 NH Hoteles SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2878 NH Hoteles SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2879 NH Hoteles SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2880 NHP	NYSE Liffe	DELISTED	F
2881 Nike Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2882 Nike Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2883 NKT Holding A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2884 NKT Holding A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2885 Nobel Biocare Holding AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2886 Nobel Biocare Holding AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2887 Nobel Biocare Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2888 Nobel Biocare Holding AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2889 Nobel Biocare Holding AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2890 Nobel Biocare Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2891 Nokia OYJ	NYSE Liffe	DELISTED	F
2892 Nokia OYJ - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2893 Nokia OYJ - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2894 Nokia OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2895 Nokia OYJ - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2896 Nokia OYJ - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2897 Nokia OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2898 Nokian Reenkat - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2899 Nokian Reenkat - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2900 Nokian Reenkat - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2901 Nokian Reenkat - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2902 Nokian Reenkat - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2903 Nokian Reenkat - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2904 Nomos Bank GDR - Cash FLEX Future	NYSE Liffe	BCLEAR	F
2905 Nomos Bank GDR - Phys FLEX Future	NYSE Liffe	BCLEAR	F
2906 Nordea Bank AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2907 Nordea Bank AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2908 Nordea Bank AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2909 Nordea Bank AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2910 Nordea Bank AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2911 Nordea Bank AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2912 Norfolk Southern Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2913 Norfolk Southern Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2914 Norske Skogindustrier ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2915 Norske Skogindustrier ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2916 Norske Skogindustrier ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2917 Norske Skogindustrier ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2918 Norske Skogindustrier ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2919 Norske Skogindustrier ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

2920 Northern Rock plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
2921 Northgate PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2922 Northrop Grumman Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2923 Northrop Grumman Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2924 Norwegian Property ASA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2925 Norwegian Property ASA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2926 Novartis AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2927 Novartis AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2928 Novartis AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2929 Novartis AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2930 Novartis AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2931 Novartis AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2932 Novartis AG ADR - Cash FLEX Future	NYSE Liffe	BCLEAR	F
2933 Novartis AG ADR - Phys FLEX Future	NYSE Liffe	BCLEAR	F
2934 Novo-Nordisk A/S - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2935 Novo-Nordisk A/S - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2936 Novo-Nordisk A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2937 Novo-Nordisk A/S - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2938 Novo-Nordisk A/S - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2939 Novo-Nordisk A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2940 Novorossiysk Commercial Sea Port GDR - Cash Flex F	NYSE Liffe	BCLEAR	F
2941 Novorossiysk Commercial Sea Port GDR - Phys Flex F	NYSE Liffe	BCLEAR	F
2942 Novozymes A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2943 Novozymes A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2944 Nucor Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2945 Nucor Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2946 Nutreco NV - Cash FLEX Future	NYSE Liffe	BCLEAR	F
2947 Nutreco NV - Phys FLEX Future	NYSE Liffe	BCLEAR	F
2948 Nyrstar NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2949 Nyrstar NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2950 NYSE Euronext - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2951 NYSE Euronext - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2952 NYSE Euronext (Paris) American Cash Flex Option	NYSE Liffe	BCLEAR	O
2953 NYSE Euronext (Paris) American Physical Flex Optio	NYSE Liffe	BCLEAR	O
2954 NYSE Euronext (Paris) Cash Flex Future	NYSE Liffe	BCLEAR	F
2955 NYSE Euronext (Paris) European Cash Flex Option	NYSE Liffe	BCLEAR	O
2956 NYSE Euronext (Paris) European Physical Flex Optio	NYSE Liffe	BCLEAR	O
2957 NYSE Euronext (Paris) Physical Flex Future	NYSE Liffe	BCLEAR	F
2958 OAO Gazprom - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2959 OAO Gazprom - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2960 OAO Gazprom - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2961 OAO Gazprom - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2962 OAO Gazprom - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2963 OAO Gazprom - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2964 OAO Novatek - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

2965	AO Novatek - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2966	AO Severstal - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2967	AO Severstal - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2968	Obrascon Huarte Lain SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
2969	Obrascon Huarte Lain SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
2970	OC Oerlikon Corp AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2971	OC Oerlikon Corp AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2972	OC Oerlikon Corp AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2973	OC Oerlikon Corp AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2974	OC Oerlikon Corp AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2975	OC Oerlikon Corp AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2976	Ocado Group Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
2977	Occidental Petroleum Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2978	Occidental Petroleum Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2979	Oesterreichische Post AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2980	Oesterreichische Post AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2981	Oesterreichische Post AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2982	Oesterreichische Post AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2983	Oesterreichische Post AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2984	Oesterreichische Post AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2985	OJSC Cherkizovo Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2986	OJSC Cherkizovo Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2987	OJSC Novo Lipetsk Steel - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2988	OJSC Novo Lipetsk Steel - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2989	OJSC OC Rosneft - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2990	OJSC OC Rosneft - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2991	OJSC OC Rosneft - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2992	OJSC OC Rosneft - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2993	OJSC OC Rosneft - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2994	OJSC OC Rosneft - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
2995	O'Key Group GDR - Phys Flex Fut	NYSE Liffe	BCLEAR	F
2996	Old Mutual PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
2997	Old Mutual PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
2998	Old Mutual PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
2999	Old Mutual PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3000	Old Mutual PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3001	Old Mutual PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3002	OMV AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3003	OMV AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3004	OMV AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3005	OMV AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3006	OMV AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3007	OMV AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3008	Onyx Pharmaceuticals Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3009	Onyx Pharmaceuticals Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F

3010 Onyx Pharmaceuticals Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3011 Onyx Pharmaceuticals Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3012 Onyx Pharmaceuticals Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3013 Oracle Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3014 Oracle Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3015 Orkla ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3016 Orkla ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3017 Orkla ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3018 Orkla ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3019 Orkla ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3020 Orkla ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3021 Orpea - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3022 Orpea - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3023 OTP Bank Nyrt - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3024 Outokumpu OYJ - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3025 Outokumpu OYJ - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3026 Outokumpu OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3027 Outokumpu OYJ - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3028 Outokumpu OYJ - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3029 Outokumpu OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3030 Outotec OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3031 Outotec OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3032 Paccar Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3033 Paccar Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3034 Paccar Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3035 Paccar Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3036 Paccar Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3037 Paddy Power PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3038 PagesJaunes Groupe SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3039 PagesJaunes Groupe SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3040 Paladin Resources	NYSE Liffe	DELISTED	F
3041 Panalpina Welttransport Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3042 Panalpina Welttransport Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3043 Pargesa Holding SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3044 Pargesa Holding SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3045 Patrizia Immobilien AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3046 Patrizia Immobilien AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3047 PDL Biopharma Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3048 PDL Biopharma Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3049 PDL Biopharma Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3050 PDL Biopharma Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3051 PDL Biopharma Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3052 Peabody Energy Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3053 Peabody Energy Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3054 Pearson plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

3055	Pearson plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3056	Pearson plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3057	Pearson plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3058	Pearson plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3059	Pearson plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3060	Peninsular & Oriental Steam - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
3061	Peninsular & Oriental Steam - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
3062	Peninsular & Oriental Steam - Cash FLEX Fut	NYSE Liffe	DELISTED	F
3063	Peninsular & Oriental Steam - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
3064	Peninsular & Oriental Steam - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
3065	Peninsular & Oriental Steam Nav Co	NYSE Liffe	DELISTED	F
3066	Peninsular & Oriental Steam Navig. Co	NYSE Liffe	DELISTED	O
3067	Penn West Petroleum Ltd - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3068	Penn West Petroleum Ltd - Phys FLEX Future	NYSE Liffe	BCLEAR	F
3069	Pennon Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3070	PepsiCo Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3071	PepsiCo Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3072	Pernod-Ricard - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3073	Pernod-Ricard - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3074	Pernod-Ricard - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3075	Pernod-Ricard - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3076	Pernod-Ricard - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3077	Pernod-Ricard - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3078	Perrigo Co - Phys Flex Future	NYSE Liffe	BCLEAR	F
3079	Perrigo Co ADR- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3080	Pescanova - Cash Flex Fut	NYSE Liffe	Delisted 18/4/13	F
3081	Pescanova - Phys Flex Fut	NYSE Liffe	Delisted 18/4/13	F
3082	Petrofac - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3083	Petrofac - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3084	Petrofac - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3085	Petrofac - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3086	Petrofac Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3087	Petrofac LTD - STND OPT	NYSE Liffe	BCLEAR and COB	O
3088	Petroleum Geo-Services ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3089	Petroleum Geo-Services ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3090	Petropavlovsk Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3091	Peugeot SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3092	Peugeot SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3093	Peugeot SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3094	Peugeot SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3095	Peugeot SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3096	Peugeot SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3097	Pfizer Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3098	Pfizer Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3099	Pfizer Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

3100 Pfizer Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3101 Pfizer Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3102 PG&E Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3103 PG&E Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3104 Philip Morris - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3105 Philip Morris - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3106 Philip Morris - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3107 Philip Morris Intl Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3108 Philip Morris Intl Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3109 Philips Electronics NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3110 Philips Electronics NV - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3111 Philips Electronics NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3112 Philips Electronics NV- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3113 Philips Electronics NV - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3114 Philips Electronics NV	NYSE Liffe	BCLEAR	F
3115 Philips Electronics NV-STND Future	NYSE Liffe	BCLEAR and COB	F
3116 PHS Group	NYSE Liffe	DELISTED	F
3117 Piaggio & C. SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3118 Piaggio & C. SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3119 Pic. Credito Valtellinese - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3120 Pic. Credito Valtellinese - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3121 Pilkington - STND FUT	NYSE Liffe	DELISTED	F
3122 Pillar Property	NYSE Liffe	DELISTED	F
3123 Pirelli & C SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3124 Pirelli & C SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3125 Pirelli & C SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3126 Pirelli & C SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3127 Pirelli & C SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3128 Pitney Bowes Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3129 Pitney Bowes Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3130 Pitney Bowes Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3131 Pitney Bowes Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3132 Pitney Bowes Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
3133 PKO Bank Polski SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3134 PNC Financial Services Group Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3135 PNC Financial Services Group Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3136 PNC Financial Services Group Inc-Am Phys Flex Opt	NYSE Liffe	BCLEAR	O
3137 PNC Financial Services Group Inc-Euro Cash Flx Opt	NYSE Liffe	BCLEAR	O
3138 PNC Financial Services Group Inc-Euro Phs Flex Opt	NYSE Liffe	BCLEAR	O
3139 Pohjola Bank plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3140 Pohjola Bank plc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3141 Polimex Mostostal SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3142 Polish Oil & Gas Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3143 Polska Grupa Energetyczna - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3144 Polski Koncern Naftowy - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

3145 Polymetal International Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3146 PolyusGold Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3147 Porsche Automobil Holding SE - PFD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3148 Porsche Automobil Holding SE - PFD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3149 Porsche Automobil Holding SE-PFD -Amer Cash FLEX O	NYSE Liffe	BCLEAR	O
3150 Porsche Automobil Holding SE-PFD -Amer Phys FLEX O	NYSE Liffe	BCLEAR	O
3151 Porsche Automobil Holding SE-PFD -Euro Cash FLEX O	NYSE Liffe	BCLEAR	O
3152 Porsche Automobil Holding SE-PFD -Euro Phys FLEX O	NYSE Liffe	BCLEAR	O
3153 Portucel Cash Flex Future	NYSE Liffe	BCLEAR	F
3154 Portucel Phys Flex Future	NYSE Liffe	BCLEAR	F
3155 Portugal Telecom SGPS SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3156 Portugal Telecom SGPS SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3157 Portugal Telecom SGPS SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3158 Portugal Telecom SGPS SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3159 Portugal Telecom SGPS SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3160 Portugal Telecom SGPS SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3161 POSCO ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3162 POSCO ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3163 PostNL NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3164 PostNL NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3165 PostNL NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3166 PostNL NV - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3167 PostNL NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3168 PostNL NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3169 PostNL NV -STND Future	NYSE Liffe	BCLEAR and COB	F
3170 Potash Corp of Saskatchewan - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3171 Potash Corp of Saskatchewan - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3172 Potash Corp of Saskatchewan - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3173 Potash Corp of Saskatchewan - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3174 Potash Corp of Saskatchewan - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3175 POWSZECHNY ZAKLAD UBEZPIECZE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3176 PPG Industries Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3177 PPG Industries Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3178 PPR - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3179 PPR - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3180 PPR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3181 PPR - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3182 PPR - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3183 PPR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3184 Praktiker AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3185 Praktiker AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3186 Praxair Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3187 Praxair Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3188 Precision Castparts Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3189 Precision Castparts Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F

3190 Premier Farnell - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3191 Premier Oil - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3192 priceline.com Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3193 priceline.com Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3194 Procter & Gamble Company - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3195 Procter & Gamble Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3196 Procter & Gamble Company - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3197 Procter & Gamble Company - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3198 Procter & Gamble Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3199 Progressive Corp / The - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3200 Progressive Corp / The - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3201 Progressive Corp / The - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3202 Progressive Corp / The - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3203 Progressive Corp / The- Cash Flex Fut	NYSE Liffe	BCLEAR	F
3204 Promotora de Informaciones SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3205 Promotora de Informaciones SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3206 Prosafe SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3207 Prosafe SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3208 Prosegur Cia de Seguridad SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3209 Prosegur Cia de Seguridad SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3210 ProSiebenSat.1 Media AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3211 ProSiebenSat.1 Media AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3212 Provident Financial - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3213 Prudential Financial Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3214 Prudential Financial Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3215 Prudential Financial Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3216 Prudential Financial Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3217 Prudential Financial Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3218 Prudential plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3219 Prudential plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3220 Prudential plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3221 Prudential plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3222 Prudential plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3223 Prudential plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3224 Prysmian SpA - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3225 Prysmian SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3226 Prysmian SpA - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3227 Prysmian SpA - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3228 Prysmian SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3229 PSI 20 Index - Amer FLEX Opt	NYSE Liffe	BCLEAR	O
3230 PSI 20 Index - Euro FLEX Opt	NYSE Liffe	BCLEAR	O
3231 PSI 20 Index Future	NYSE Liffe	BCLEAR	F
3232 Pson plc	NYSE Liffe	DELISTED	O
3233 PSP Swiss Property AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3234 PSP Swiss Property AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

3235 Public Service Enterprise Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3236 Public Service Enterprise Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3237 Publicis Groupe - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3238 Publicis Groupe - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3239 Publicis Groupe - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3240 Publicis Groupe - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3241 Publicis Groupe - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3242 Publicis Groupe - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3243 Puma SE - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3244 Puma SE - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3245 Puma SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3246 Puma SE - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3247 Puma SE - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3248 Puma SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3249 PZ Cussons A	NYSE Liffe	DELISTED	F
3250 PZ Cussons Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3251 Qiagen NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3252 Qiagen NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3253 Qiagen NV Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3254 Qiagen NV Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3255 Qiagen NV Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3256 Qiagen NV Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3257 Qualcomm Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3258 Qualcomm Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3259 Qualcomm Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3260 Qualcomm Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3261 Qualcomm Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3262 Quest Diagnostics - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3263 Quest Diagnostics - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3264 Quest Diagnostics - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3265 Quest Diagnostics - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3266 Quest Diagnostics - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3267 RAC	NYSE Liffe	DELISTED	F
3268 RadioShack Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3269 RadioShack Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3270 RadioShack Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3271 RadioShack Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3272 RadioShack Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
3273 Raiffeisen Bank Int AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3274 Raiffeisen Bank Int AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3275 Raiffeisen Bank Int AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3276 Raiffeisen Bank Int AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3277 Raiffeisen Bank Int AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3278 Raiffeisen Bank Int AG- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3279 Railtrack Group Plc	NYSE Liffe	DELISTED	O

3280 Rallye SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3281 Rallye SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3282 Randgold Resources - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3283 Randgold Resources LTD - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
3284 Randgold Resources LTD - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3285 Randgold Resources LTD - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3286 Randgold Resources LTD - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3287 Randgold Resources LTD - STND OPT	NYSE Liffe	BCLEAR and COB	O
3288 Randstad Holding NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3289 Randstad Holding NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3290 Randstad Holding NV -STND Future	NYSE Liffe	BCLEAR and COB	F
3291 Randstad Holdings NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3292 Randstad Holdings NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3293 Randstad Holdings NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3294 Randstad Holdings NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3295 RATIONAL AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3296 RATIONAL AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3297 RATIONAL AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3298 RATIONAL AG- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3299 RATIONAL AG- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3300 RATIONAL AG- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3301 Ratos AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3302 Ratos AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3303 Rautaruukki - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3304 Rautaruukki - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3305 Rautaruukki - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3306 Rautaruukki - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3307 Rautaruukki - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3308 Rautaruukki - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3309 Raytheon Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3310 Raytheon Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3311 RCS MediaGroup SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3312 RCS MediaGroup SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3313 Realia Business SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
3314 Realia Business SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
3315 Reckitt Benckiser Group Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3316 Reckitt Benckiser Group Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3317 Reckitt Benckiser Group Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3318 Reckitt Benckiser Group Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3319 Reckitt Benckiser Group Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3320 Reckitt Benckiser Group Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3321 Recordati SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3322 Recordati SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3323 Red Electrica Corporacion SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3324 Red Electrica Corporacion SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3325	Red Electrica Corporacion SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3326	Red Electrica Corporacion SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3327	Red Electrica Corporacion SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3328	Red Electrica Corporacion SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3329	Redes Energeticas Nacionais SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3330	Redes Energeticas Nacionais SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3331	Reed Elsevier -STND Future	NYSE Liffe	BCLEAR and COB	F
3332	Reed Elsevier NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3333	Reed Elsevier NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3334	Reed Elsevier NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3335	Reed Elsevier NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3336	Reed Elsevier NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3337	Reed Elsevier NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3338	Reed Elsevier plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3339	Reed Elsevier plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3340	Reed Elsevier plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3341	Reed Elsevier plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3342	Reed Elsevier plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3343	Reed Elsevier PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3344	Regions Financial Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3345	Regions Financial Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3346	Regions Financial Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3347	Regions Financial Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3348	Regions Financial Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3349	Regus Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3350	Remy Cointreau - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
3351	Remy Cointreau - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3352	Remy Cointreau - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3353	Remy Cointreau - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3354	Remy Cointreau - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3355	Remy Cointreau - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3356	Renault SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3357	Renault SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3358	Renault SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3359	Renault SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3360	Renault SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3361	Renault SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3362	Renault SA -STND Future	NYSE Liffe	BCLEAR and COB	F
3363	Rentokil Initial plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3364	Rentokil Initial plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3365	Rentokil Initial plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3366	Rentokil Initial plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3367	Rentokil Initial plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3368	Rentokil Initial PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3369	Repsol SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

3370 Repsol SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3371 Repsol SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3372 Repsol SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3373 Repsol SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3374 Repsol SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3375 Research In Motion Ltd - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3376 Research In Motion Ltd - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3377 Research In Motion Ltd - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3378 Research In Motion Ltd - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3379 Research In Motion Ltd - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3380 Resolution Ltd - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3381 Restaurant Plc - Cash Flex Future	NYSE Liffe	BCLEAR	F
3382 Rexam PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3383 Rexel S.A - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3384 Rexel S.A - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3385 ReynoldsAmerican Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3386 ReynoldsAmerican Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3387 Rheinmetall AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3388 Rheinmetall AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3389 RHI AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3390 RHI AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3391 RHI AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3392 RHI AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3393 RHI AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3394 RHI AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3395 RHJ INTERNATIONAL - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3396 Rhoen Klinikum AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3397 Rhoen Klinikum AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3398 Richter Gedeon Nyrt - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3399 Rieter Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3400 Rieter Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3401 Rightmove Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3402 Rio Tinto plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3403 Rio Tinto plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3404 Rio Tinto plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3405 Rio Tinto plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3406 Rio Tinto plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3407 Rio Tinto PLC - STND FUT	NYSE Liffe	DELISTED	F
3408 Rio Tinto PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3409 RMC Group	NYSE Liffe	DELISTED	F
3410 Roche Holding AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3411 Roche Holding AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3412 Roche Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3413 Roche Holding AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3414 Roche Holding AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3415 Roche Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3416 Rockwool International AS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3417 Rockwool International AS - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3418 ROGERS COMMUNICATIONS INC-B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3419 ROGERS COMMUNICATIONS INC-B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3420 Rolls-Royce Holdings Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3421 Rolls-Royce Holdings Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3422 Rolls-Royce Holdings Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3423 Rolls-Royce Holdings Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3424 Rolls-Royce Holdings Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3425 Rolls-Royce Holdings Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3426 Rostelekom - Amer Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
3427 Rostelekom - Amer Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
3428 Rostelekom - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3429 Rostelekom - Euro Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
3430 Rostelekom - Euro Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
3431 Rostelekom - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3432 Rotork - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3433 Rovese SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3434 ROYAL BANK OF CANADA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3435 ROYAL BANK OF CANADA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3436 Royal Bank of Scotland Group - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3437 Royal Bank of Scotland Group - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3438 Royal Bank of Scotland Group - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3439 Royal Bank of Scotland Group - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3440 Royal Bank of Scotland Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3441 Royal Bank of Scotland PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3442 Royal Dutch Shell plc A - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3443 Royal Dutch Shell plc A - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3444 Royal Dutch Shell plc A - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3445 Royal Dutch Shell plc A - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3446 Royal Dutch Shell plc A - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3447 Royal Dutch Shell plc A Euro - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3448 Royal Dutch Shell plc A Euro - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3449 Royal Dutch Shell plc A Euro - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3450 Royal Dutch Shell plc A Euro - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3451 Royal Dutch Shell plc A Euro - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3452 Royal Dutch Shell plc A Euro - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3453 Royal Dutch Shell PLC A Shares - STND OPT	NYSE Liffe	BCLEAR and COB	O
3454 Royal Dutch SHELL PLC 'A' SHARES EURO -STND Future	NYSE Liffe	BCLEAR and COB	F
3455 Royal Dutch Shell plc B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3456 Royal Dutch Shell plc B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3457 Royal Dutch Shell plc B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3458 Royal Dutch Shell plc B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3459 Royal Dutch Shell plc B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3460	ROYAL DUTCH SHELL PLC 'B' SHARES STND OPT	NYSE Liffe	BCLEAR and COB	O
3461	Royal Imtech NV - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
3462	Royal Imtech NV - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3463	Royal Imtech NV - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3464	Royal Imtech NV - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3465	Royal Imtech NV- Cash FLEX Future	NYSE Liffe	BCLEAR	F
3466	Royal Imtech NV- Phys FLEX Future	NYSE Liffe	BCLEAR	F
3467	RR Donnelley & Sons Co - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3468	RR Donnelley & Sons Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3469	RR Donnelley & Sons Co - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3470	RR Donnelley & Sons Co - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3471	RR Donnelley & Sons Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3472	RSA Insurance Goup Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3473	RSA Insurance Group Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3474	RSA Insurance Group Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3475	RSA Insurance Group Plc - Cash FLEX F	NYSE Liffe	BCLEAR	F
3476	RSA Insurance Group Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3477	RSA Insurance Group Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3478	RUBIS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3479	RUBIS - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3480	RusHydro - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3481	RusHydro - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3482	RusHydro - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3483	RusHydro - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3484	RusHydro - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3485	RusHydro - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3486	Russell Europe SMID 300 NR Index Future (EUR)	NYSE Liffe	INACTIVE	F
3487	RWE AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3488	RWE AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3489	RWE AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3490	RWE AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3491	RWE AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3492	RWE AG - PFD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3493	RWE AG - PFD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3494	RWE AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3495	Ryanair Holdings PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3496	Ryanair Holdings PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3497	Ryanair Holdings plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3498	Ryanair Holdings PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3499	Ryanair Holdings PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3500	Ryanair Holdings plc (UK) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3501	SAB Miller Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3502	SABMiller plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3503	SABMiller plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3504	SABMiller plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

3505 SABMiller plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3506 SABMiller plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3507 Sacyr Vallehermoso - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3508 Sacyr Vallehermoso - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3509 Sacyr Vallehermoso SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3510 Sacyr Vallehermoso SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3511 Sacyr Vallehermoso SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3512 Sacyr Vallehermoso SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3513 Safeway plc ex event	NYSE Liffe	DELISTED	O
3514 Safeway plc ex event	NYSE Liffe	DELISTED	F
3515 Safilo Group SpA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3516 Safilo Group SpA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3517 Safran SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3518 Safran SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3519 Safran SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3520 Safran SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3521 Safran SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3522 Safran SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3523 Sage Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3524 Sage Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3525 Sage Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3526 Sage Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3527 Sage Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3528 Sage Group plc STND OPT	NYSE Liffe	BCLEAR and COB	O
3529 SAIC Inc - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3530 SAIC Inc - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3531 SAIC Inc - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3532 Sainsbury (J) PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3533 Saipem SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3534 Saipem SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3535 Saipem SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3536 Saipem SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3537 Saipem SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3538 Saipem SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
3539 Salamander Energy Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3540 Salesforce.com Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3541 Salesforce.com Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3542 Salzgitter AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3543 Salzgitter AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3544 Salzgitter AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3545 Salzgitter AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3546 Salzgitter AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3547 Salzgitter AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3548 Sampo Oyj - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3549 Sampo Oyj - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3550 Sampo Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3551 Sampo Oyj - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3552 Sampo Oyj - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3553 Sampo Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3554 Sandvik AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3555 Sandvik AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3556 Sandvik AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3557 Sandvik AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3558 Sandvik AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3559 Sandvik AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3560 Sanofi - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3561 Sanofi - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3562 Sanofi - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3563 Sanofi - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3564 Sanofi - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3565 Sanofi - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3566 Sanofi -STND Future	NYSE Liffe	BCLEAR and COB	F
3567 Sanoma Corporation- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3568 Sanoma Corporation- Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3569 SAP AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3570 SAP AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3571 SAP AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3572 SAP AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3573 SAP AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3574 SAP AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3575 Saras SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3576 Saras SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3577 Savills Plc- Cash FLEX Future	NYSE Liffe	BCLEAR	F
3578 Sberbank Rossii OAO - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3579 Sberbank Rossii OAO - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3580 Sberbank Rossii OAO - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3581 Sberbank Rossii OAO - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3582 Sberbank Rossii OAO - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3583 Sberbank Rossii OAO - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3584 SBM Offshore NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3585 SBM Offshore NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3586 SBM Offshore NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3587 SBM Offshore NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3588 SBM Offshore NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3589 SBM Offshore NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3590 Scania AB-B SHS - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3591 Scania AB-B SHS - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3592 Scania AB-B SHS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3593 Scania AB-B SHS - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3594 Scania AB-B SHS - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3595 Scania AB-B SHS - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3596 Schibsted ASA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3597 Schibsted ASA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3598 Schindler Holding AG (Part Cert) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3599 Schindler Holding AG (Part Cert) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3600 Schindler Holding AG (Registered) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3601 Schindler Holding AG (Registered) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3602 Schlumberger Ltd - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3603 Schlumberger Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3604 Schlumberger Ltd - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3605 Schlumberger Ltd - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3606 Schlumberger Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3607 Schneider Electric SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3608 Schneider Electric SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3609 Schneider Electric SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3610 Schneider Electric SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3611 Schneider Electric SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3612 Schneider Electric SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3613 Schneider Electric SA -STND Future	NYSE Liffe	BCLEAR and COB	F
3614 Schoeller-Bleckmann Oilfield - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3615 Schoeller-Bleckmann Oilfield - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3616 Schoeller-Bleckmann Oilfield - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3617 Schoeller-Bleckmann Oilfield - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3618 Schoeller-Bleckmann Oilfield - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3619 Schoeller-Bleckmann Oilfield - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3620 Schroders - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3621 Schroders - STND FUT	NYSE Liffe	DELISTED	F
3622 Schroders N/V - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3623 SCOR SE - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3624 SCOR SE - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3625 SCOR SE - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3626 SCOR SE - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3627 SCOR SE- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3628 SCOR SE- Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3629 Scottish Radio Hldgs	NYSE Liffe	DELISTED	F
3630 Seadrill Ltd. - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3631 Seadrill Ltd. - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3632 Seadrill Ltd. - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3633 Seadrill Ltd. - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3634 Seadrill Ltd. - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3635 Seadrill Ltd. - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3636 Sears Holdings Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3637 Sears Holdings Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3638 Sears Holdings Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3639 Sears Holdings Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O

3640	Sears Holdings Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3641	Seat Pagine Gialle SpA - Amer Phys FLEX Opt	NYSE Liffe	Delisted 29/1/13	O
3642	Seat Pagine Gialle SpA - Cash FLEX Fut	NYSE Liffe	Delisted 29/1/13	F
3643	Seat Pagine Gialle SpA - Euro Cash FLEX Opt	NYSE Liffe	Delisted 29/1/13	O
3644	Seat Pagine Gialle SpA - Euro Phys FLEX Opt	NYSE Liffe	Delisted 29/1/13	O
3645	Seat Pagine Gialle SpA - Phys FLEX Fut	NYSE Liffe	Delisted 29/1/13	F
3646	SEB S.A - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3647	SEB S.A - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3648	Sechilienne-Sidec - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3649	Sechilienne-Sidec - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3650	Securitas AB ser. B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3651	Securitas AB ser. B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3652	Securitas AB ser. B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3653	Securitas AB ser. B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3654	Securitas AB ser. B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3655	Securitas AB ser. B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3656	SEGRO plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3657	Semapa Cash Flex Future	NYSE Liffe	BCLEAR	F
3658	Semapa Phys Flex Future	NYSE Liffe	BCLEAR	F
3659	Semperit AG Holding - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3660	Semperit AG Holding - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3661	Serco Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3662	Serco Group - STND FUT	NYSE Liffe	BCLEAR	F
3663	Severn Trent plc - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
3664	Severn Trent plc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3665	Severn Trent PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3666	Severn Trent plc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3667	Severn Trent plc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3668	Severn Trent PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
3669	SGL Carbon SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3670	SGL Carbon SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3671	SGS SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3672	SGS SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3673	SGS SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3674	SGS SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3675	SGS SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3676	SGS SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3677	Shaw Communications Inc. - Phys FLEX Future	NYSE Liffe	BCLEAR	F
3678	Shaw Communications Inc.- Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3679	Shinhan Financial Group ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3680	Shinhan Financial Group ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3681	Shire Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3682	Shire Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3683	Shire Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3684	Shire Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

3685 Shire Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3686 Shire Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3687 Siemens AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3688 Siemens AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3689 Siemens AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3690 Siemens AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3691 Siemens AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3692 Siemens AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3693 Sika AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3694 Sika AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3695 SILIC - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3696 SILIC - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3697 SILVER WHEATON CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3698 SILVER WHEATON CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3699 SilverCorp Metals Inc. - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3700 SilverCorp Metals Inc. - Phys FLEX Future	NYSE Liffe	BCLEAR	F
3701 Singer & Friedlander Group	NYSE Liffe	DELISTED	F
3702 Sirius XM Radio Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3703 Sirius XM Radio Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3704 Sirius XM Radio Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3705 Sirius XM Radio Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3706 Sirius XM Radio Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3707 Sistema JSFC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3708 Sistema JSFC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3709 Six Continents Plc (package)	NYSE Liffe	DELISTED	O
3710 Sixt AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3711 Sixt AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3712 Sixt AG- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3713 Sixt AG- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3714 Sixt AG- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3715 Sixt AG- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3716 SK Telecom Co. Ltd ADR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3717 SK Telecom Co. Ltd ADR - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3718 Skandia Forsakrings AB - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
3719 Skandia Forsakrings AB - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
3720 Skandia Forsakrings AB - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
3721 Skandia Forsakrings AB - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
3722 Skandinaviska Ensk Bk AB ser. A - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3723 Skandinaviska Ensk Bk AB ser. A - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3724 Skandinaviska Ensk Bk ser. A - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3725 Skandinaviska Ensk Bk ser. A - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3726 Skandinaviska Ensk Bk ser. A - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3727 Skandinaviska Ensk Bk ser. A - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3728 Skanska AB B Shares - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3729 Skanska AB B Shares - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3730 Skanska AB B Shares - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3731 Skanska AB B Shares - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3732 Skanska AB B Shares - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3733 Skanska AB B Shares - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3734 SKF B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3735 SKF B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3736 SKF B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3737 SKF B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3738 SKF B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3739 SKF B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3740 Smith & Nephew plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3741 Smith & Nephew plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3742 Smith & Nephew plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3743 Smith & Nephew plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3744 Smith & Nephew plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3745 Smith & Nephew plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3746 Smiths Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3747 Smurfit Kappa Group PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3748 Snam SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3749 Snam SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3750 Snam SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3751 Snam SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3752 Snam SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3753 Snam SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
3754 Soc.Iniziative Autostradali e Servizi SpA-Phys Fle	NYSE Liffe	BCLEAR	F
3755 Societa Cattolica di Assicurazioni-Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3756 Societa Cattolica di Assicurazioni-Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3757 Societe BIC SA - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
3758 Societe BIC SA - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3759 Societe BIC SA - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3760 Societe BIC SA - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3761 Societe BIC SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3762 Societe BIC SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3763 Societe d'Edition de Canal Plus - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3764 Societe Generale - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3765 Societe Generale - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3766 Societe Generale - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3767 Societe Generale - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3768 Societe Generale - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3769 Societe Generale - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3770 Societe Generale SA -STND Future	NYSE Liffe	BCLEAR and COB	F
3771 Societe Telev Francaise 1 - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3772 Societe Telev Francaise 1 - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3773 Societe Telev Francaise 1 - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3774 Societe Telev Francaise 1 - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

3775 Societe Telev Francaise 1 - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3776 Societe Telev Francaise 1 - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3777 Sodexo SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3778 Sodexo SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3779 Sodexo SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3780 Sodexo SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3781 Sodexo SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3782 Sodexo SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3783 Sogefi SpA - Cash Flex Future	NYSE Liffe	BCLEAR	F
3784 Sogefi SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3785 Solaria Energia y Medio Ambiente SA-Csh Flex F	NYSE Liffe	BCLEAR	F
3786 Solaria Energia y Medio Ambiente SA-Phy Flex F	NYSE Liffe	BCLEAR	F
3787 Solarworld AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3788 Solarworld AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3789 Solarworld AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3790 Solarworld AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3791 Solarworld AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3792 Solarworld AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3793 Solvay SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3794 Solvay SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3795 Solvay SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3796 Solvay SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3797 Solvay SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3798 Solvay SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3799 Somerfield	NYSE Liffe	DELISTED	F
3800 Sonae - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3801 Sonae - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3802 Sonae Industria SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
3803 Sonae Industria SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
3804 SONAECOM SGPS Cash Flex Future	NYSE Liffe	BCLEAR	F
3805 SONAECOM SGPS Phys Flex Future	NYSE Liffe	BCLEAR	F
3806 Sonova Holding AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3807 Sonova Holding AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3808 Sonova Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3809 Sonova Holding AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3810 Sonova Holding AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3811 Sonova Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3812 Southern Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3813 Southern Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3814 Southern Copper Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3815 Southern Copper Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3816 Spectra Energy Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3817 Spectra Energy Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3818 Spectris - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3819 Spirax-Sarco Engineering - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

3820 Spirax-Sarco Engineering - STND FUT	NYSE Liffe	DELISTED	F
3821 Sprint Nextel Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3822 Sprint Nextel Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3823 Sprint Nextel Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3824 Sprint Nextel Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3825 Sprint Nextel Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3826 SSAB AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3827 SSAB AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3828 SSAB AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3829 SSAB AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3830 SSAB AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3831 SSAB AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3832 SSE PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3833 SSE PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3834 SSE PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3835 SSE PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3836 SSE PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3837 SSE Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3838 St Jude Medical Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3839 St Jude Medical Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3840 St Jude Medical Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3841 St Jude Medical Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3842 St Jude Medical Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3843 Stada Arzneimittel AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3844 Stada Arzneimittel AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3845 Stada Arzneimittel AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3846 Stada Arzneimittel AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3847 Stada Arzneimittel AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3848 Stada Arzneimittel AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3849 Stagecoach Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3850 Stagecoach Group - STND FUT	NYSE Liffe	DELISTED	F
3851 Standard Chartered plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3852 Standard Chartered plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3853 Standard Chartered plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3854 Standard Chartered plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3855 Standard Chartered plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3856 Standard Chartered Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
3857 Standard Life - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3858 Standard Life - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3859 Standard Life - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3860 Standard Life - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3861 Standard Life - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3862 Standard Life PLC - STND Opt	NYSE Liffe	BCLEAR and COB	O
3863 Stanley Leisure - STND FUT	NYSE Liffe	DELISTED	F
3864 Staples Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F

3865 Staples Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3866 Starbucks Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3867 Starbucks Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3868 Starwood Hotels & Resorts Worldwide- Cash Flex Fut	NYSE Liffe	BCLEAR	F
3869 Starwood Hotels & Resorts Worldwide- Phys Flex Fut	NYSE Liffe	BCLEAR	F
3870 Starwood Hotels & Resorts Worldwide-Am Phs Flx Opt	NYSE Liffe	BCLEAR	O
3871 Starwood Hotels & Resorts Worldwide-Euro Csh Fl Op	NYSE Liffe	BCLEAR	O
3872 Starwood Hotels & Resorts Worldwide-Euro Ph Flx Op	NYSE Liffe	BCLEAR	O
3873 State Street Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3874 State Street Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3875 Statoil ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3876 Statoil ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3877 Statoil ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3878 Statoil ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3879 Statoil ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3880 Statoil ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3881 STE DE LA TOUR EIFFEL - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3882 STE DE LA TOUR EIFFEL - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3883 STMicroelectronics NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3884 STMicroelectronics NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3885 STMicroelectronics NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3886 STMicroelectronics NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3887 STMicroelectronics NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3888 STMicroelectronics NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3889 STMicroelectronics NV (IT) - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3890 STMicroelectronics NV (IT) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3891 STMicroelectronics NV (IT) - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3892 STMicroelectronics NV (IT) - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3893 STMicroelectronics NV (IT) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3894 STMicroelectronics NV -STND Future	NYSE Liffe	BCLEAR and COB	F
3895 Stobart Group Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3896 Stora Enso Oyj - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3897 Stora Enso Oyj - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3898 Stora Enso Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3899 Stora Enso Oyj - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3900 Stora Enso Oyj - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3901 Stora Enso Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3902 Storebrand ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3903 Storebrand ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3904 Storebrand ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3905 Storebrand ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3906 Storebrand ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3907 Storebrand ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3908 Strabag SE - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3909 Strabag SE - Phys Flex Fut	NYSE Liffe	BCLEAR	F

3910 Straumann Holding - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3911 Straumann Holding - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3912 Stryker Corporation - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3913 Stryker Corporation - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3914 Stryker Corporation - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3915 Stryker Corporation - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3916 Stryker Corporation - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3917 Subsea 7 SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3918 Subsea 7 SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3919 Suedzucker AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3920 Suedzucker AG- Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
3921 Suedzucker AG- Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
3922 Suedzucker AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3923 Suedzucker AG- Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
3924 Suedzucker AG- Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
3925 Suez Environnement SA - Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
3926 Suez Environnement SA - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3927 Suez Environnement SA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3928 Suez Environnement SA - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3929 Suez Environnement SA - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3930 Suez Environnement SA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
3931 Sulzer AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3932 Sulzer AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3933 Sulzer AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3934 Sulzer AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3935 Sulzer AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3936 Sulzer AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3937 SUN LIFE FINANCIAL INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3938 SUN LIFE FINANCIAL INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3939 SUNCOR ENERGY INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3940 SUNCOR ENERGY INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3941 SunTrust Banks Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
3942 SunTrust Banks Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3943 SunTrust Banks Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
3944 SunTrust Banks Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
3945 SunTrust Banks Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3946 SuperGroup Plc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
3947 Surgutneftegaz - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3948 Surgutneftegaz - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3949 Surgutneftegaz - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3950 Surgutneftegaz - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3951 Surgutneftegaz - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3952 Surgutneftegaz - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3953 Svenska Cellulosa AB ser. B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3954 Svenska Cellulosa AB ser. B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O

3955 Svenska Cellulosa AB ser. B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3956 Svenska Cellulosa AB ser. B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3957 Svenska Cellulosa AB ser. B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3958 Svenska Cellulosa AB ser. B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3959 Svenska Handelsbanken ser. A - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3960 Svenska Handelsbanken ser. A - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3961 Svenska Handelsbanken ser. A - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3962 Svenska Handelsbanken ser. A - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3963 Svenska Handelsbanken ser. A - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3964 Svenska Handelsbanken ser. A - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3965 Swatch Group AG - N - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3966 Swatch Group AG - N - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3967 Swatch Group AG - N - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3968 Swatch Group AG - N - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3969 Swatch Group AG - N - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3970 Swatch Group AG - N - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3971 Swatch Group AG (Bearer Shs) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3972 Swatch Group AG (Bearer Shs) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3973 Swedbank AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3974 Swedbank AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3975 Swedbank AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3976 Swedbank AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3977 Swedbank AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3978 Swedbank AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3979 Swedish Match AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3980 Swedish Match AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3981 Swedish Match AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3982 Swedish Match AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3983 Swedish Match AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3984 Swedish Match AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3985 Swiss Life Holding - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3986 Swiss Life Holding - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3987 Swiss Life Holding - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3988 Swiss Life Holding - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3989 Swiss Life Holding - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3990 Swiss Life Holding - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3991 Swiss Prime Site AG - Cash FLEX Future	NYSE Liffe	BCLEAR	F
3992 Swiss Prime Site AG - Phys FLEX Future	NYSE Liffe	BCLEAR	F
3993 Swiss Re Ltd - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3994 Swiss Re Ltd - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3995 Swiss Re Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
3996 Swiss Re Ltd - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
3997 Swiss Re Ltd - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
3998 Swiss Re Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
3999 Swisscom AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4000 Swisscom AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4001 Swisscom AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4002 Swisscom AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4003 Swisscom AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4004 Swisscom AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4005 Sydbank A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4006 Sydbank A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4007 Symrise AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4008 Symrise AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4009 Syngenta AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4010 Syngenta AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4011 Syngenta AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4012 Syngenta AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4013 Syngenta AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4014 Syngenta AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4015 Syngenta AG ADR - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4016 Syngenta AG ADR - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4017 SYSCO Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4018 SYSCO Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4019 T Rowe Price Group Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4020 T Rowe Price Group Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4021 TALISMAN ENERGY INC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4022 TALISMAN ENERGY INC - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4023 Target Corp - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4024 Target Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4025 Target Corp - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4026 Target Corp - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4027 Target Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4028 Tate & Lyle Plc - FLEX American Style cash	NYSE Liffe	BCLEAR	O
4029 Tate & Lyle Plc - FLEX American Style physical	NYSE Liffe	BCLEAR	O
4030 Tate & Lyle Plc - FLEX European Style cash	NYSE Liffe	BCLEAR	O
4031 Tate & Lyle Plc - FLEX European Style physical	NYSE Liffe	BCLEAR	O
4032 Tate & Lyle Plc - FLEX Fut	NYSE Liffe	BCLEAR	F
4033 Tate & Lyle Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4034 TAURON POLSKA ENERGIA SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4035 Taylor & Francis Group	NYSE Liffe	DELISTED	F
4036 Taylor Wimpey plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4037 Taylor Wimpey plc - STND FUT	NYSE Liffe	DELISTED	F
4038 TBI	NYSE Liffe	DELISTED	F
4039 TDC A/S - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4040 TDC A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4041 Technicolor SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4042 Technicolor SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4043 Technicolor SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4044 Technicolor SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4045 Technicolor SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4046 Technicolor SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4047 Technip SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4048 Technip SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4049 Technip SA Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4050 Technip SA Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4051 Technip SA Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4052 Technip SA Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4053 Tecnicas Reunidas SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
4054 Tecnicas Reunidas SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
4055 Tele2 AB ser. B - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4056 Tele2 AB ser. B - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4057 Tele2 AB ser. B - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4058 Tele2 AB ser. B - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4059 Tele2 AB ser. B - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4060 Tele2 AB ser. B - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4061 Telecom Italia Mobile Ex event	NYSE Liffe	DELISTED	F
4062 Telecom Italia SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4063 Telecom Italia SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4064 Telecom Italia SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4065 Telecom Italia SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4066 Telecom Italia SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4067 Telecom Italia SpA (ex.Olivetti SpA)	NYSE Liffe	DELISTED	F
4068 Telecom Italia SpA (Saving Shares) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4069 Telecom Italia SpA (Saving Shares) - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4070 Telecom Italia SpA (savings shares) -STND Future	NYSE Liffe	BCLEAR and COB	F
4071 Telecom Italia SpA (Savings) - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4072 Telecom Italia SpA (Savings) - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4073 Telecom Italia SpA (Savings) - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4074 Telecom Italia SpA-STND Future	NYSE Liffe	BCLEAR and COB	F
4075 Telecom Plus Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4076 Telefonica Czech Rep AS - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4077 Telefonica Moviles SA - Amer Cash FLEX Opt	NYSE Liffe	DELISTED	O
4078 Telefonica Moviles SA - Amer Phys FLEX Opt	NYSE Liffe	DELISTED	O
4079 Telefonica Moviles SA - Cash FLEX Fut	NYSE Liffe	DELISTED	F
4080 Telefonica Moviles SA - Euro Cash FLEX Opt	NYSE Liffe	DELISTED	O
4081 Telefonica Moviles SA - Euro Phys FLEX Opt	NYSE Liffe	DELISTED	O
4082 Telefonica Moviles SA - Phys FLEX Fut	NYSE Liffe	DELISTED	F
4083 Telefonica Moviles SA ex event STND FUT	NYSE Liffe	DELISTED	F
4084 Telefonica SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4085 Telefonica SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4086 Telefonica SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4087 Telefonica SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4088 Telefonica SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4089 Telefonica SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

4090 Telekom Austria AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4091 Telekom Austria AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4092 Telekom Austria AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4093 Telekom Austria AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4094 Telekom Austria AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4095 Telekom Austria AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4096 Telekomunikacja Polska SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4097 Telenet Group Holding NV - Cash Flex Fut	NYSE Liffe	Delisted 18/1/13	F
4098 Telenet Group Holding NV - Phys Flex Fut	NYSE Liffe	Delisted 18/1/13	F
4099 Telenor ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4100 Telenor ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4101 Telenor ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4102 Telenor ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4103 Telenor ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4104 Telenor ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4105 TELEPERFORMANCE - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4106 TELEPERFORMANCE - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4107 TeliaSonera AB - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4108 TeliaSonera AB - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4109 TeliaSonera AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4110 TeliaSonera AB - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4111 TeliaSonera AB - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4112 TeliaSonera AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4113 Telus Corp. - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4114 Ten Cate NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4115 Ten Cate NV	NYSE Liffe	BCLEAR	F
4116 Ten Cate NV- Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4117 Ten Cate NV-Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4118 Ten Cate NV- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4119 Ten Cate NV- Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4120 Tenaris SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4121 Tenaris SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4122 Tenaris SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4123 Tenaris SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4124 Tenaris SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4125 Terna SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4126 Terna SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4127 Terna SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4128 Terna SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4129 Terna SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4130 Terna SpA - STND Future	NYSE Liffe	BCLEAR and COB	F
4131 Terra Networks	NYSE Liffe	DELISTED	F
4132 Terra Nitrogen Co LP - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4133 Terra Nitrogen Co LP - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4134 Tesco plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4135 Tesco plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4136 Tesco plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4137 Tesco plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4138 Tesco plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4139 Tesco PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
4140 Tessenderlo Chemie NV - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4141 Tessenderlo Chemie NV - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4142 TEVA Pharmaceutical Ind - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4143 TEVA Pharmaceutical Ind - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4144 TEVA Pharmaceutical Ind - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4145 TEVA Pharmaceutical Industries Ltd -Cash Flex Fut	NYSE Liffe	BCLEAR	F
4146 TEVA Pharmaceutical Industries Ltd -Phys Flex Fut	NYSE Liffe	BCLEAR	F
4147 Texas Instruments Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4148 Texas Instruments Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4149 TGS Nopec GeoPhys Company ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4150 TGS Nopec GeoPhys Company ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4151 Thales SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4152 Thales SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4153 Thales SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4154 Thales SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4155 Thales SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4156 Thales SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4157 Thermo Fisher Scientific Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4158 Thermo Fisher Scientific Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4159 Thermo Fisher Scientific Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4160 Thermo Fisher Scientific Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4161 Thermo Fisher Scientific Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4162 Thomson Reuters Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4163 Thomson Reuters Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4164 ThromboGenics NV - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4165 ThyssenKrupp AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4166 ThyssenKrupp AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4167 ThyssenKrupp AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4168 ThyssenKrupp AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4169 ThyssenKrupp AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4170 ThyssenKrupp AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4171 Time Warner Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4172 Time Warner Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4173 TJX Cos Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4174 TJX Cos Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4175 TMK (OAO) GDR - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4176 TMK (OAO) GDR - Physical FLEX Fut	NYSE Liffe	BCLEAR	F
4177 TNT Express NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4178 TNT Express NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4179 TNT Express NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

4180 TNT Express NV - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4181 TNT Express NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4182 TNT Express NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4183 Tod's SPA - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4184 Tod's SPA - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4185 Tomra Systems ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4186 Tomra Systems ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4187 Tomra Systems ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4188 Tomra Systems ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4189 Tomra Systems ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4190 Tomra Systems ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4191 TomTom NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4192 TomTom NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4193 TomTom NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4194 TomTom NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4195 TomTom NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4196 TomTom NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4197 Topdanmark A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4198 Topdanmark A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4199 TOPIX Index Future	NYSE Liffe	BCLEAR	F
4200 Torex	NYSE Liffe	DELISTED	F
4201 TORONTO-DOMINION BANK - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4202 TORONTO-DOMINION BANK - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4203 Total SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4204 Total SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4205 Total SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4206 Total SA - Cash FLEX Fut	NYSE Liffe	DELISTED	F
4207 Total SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4208 Total SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4209 Total SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4210 Total SA -STND Future	NYSE Liffe	BCLEAR and COB	F
4211 Total SA ex event package PHY FLEX Fut	NYSE Liffe	DELISTED	F
4212 Total SA ex event package STND FUT	NYSE Liffe	DELISTED	F
4213 Total System Services Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4214 Total System Services Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4215 Total System Services Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4216 Total System Services Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4217 Total System Services Inc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
4218 TRANSCANADA CORP - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4219 TRANSCANADA CORP - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4220 Transocean Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4221 Transocean Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4222 Travelers Cos Inc/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4223 Travelers Cos Inc/The - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4224 Travis Perkins - Cash FLEX Fut	NYSE Liffe	BCLEAR	F

4225 Trelleborg AB - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4226 Trelleborg AB - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4227 Trelleborg AB Amer Cash Flex Opt	NYSE Liffe	BCLEAR	O
4228 Trelleborg AB Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4229 Trelleborg AB Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4230 Trelleborg AB Euro Phys Flex Options	NYSE Liffe	BCLEAR	O
4231 Tryg AS - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4232 Tryg AS - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4233 TT electronics PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4234 Tubos Reunidos SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
4235 Tubos Reunidos SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
4236 TUI AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4237 TUI AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4238 TUI AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4239 TUI AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4240 TUI AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4241 TUI AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4242 TUI Travel plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4243 TUI Travel plc - STND FUT	NYSE Liffe	DELISTED	F
4244 Tullett Prebon plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4245 Tullett Prebon plc - STND FUT	NYSE Liffe	DELISTED	F
4246 Tullow Oil - STND FUT	NYSE Liffe	DELISTED	F
4247 Tullow Oil PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4248 Tullow Oil PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4249 Tullow Oil plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4250 Tullow Oil PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4251 Tullow Oil PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4252 Tullow Oil PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
4253 TVN SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4254 Tyco International Ltd - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4255 Tyco International Ltd - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4256 Ubisoft Entertainment - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4257 Ubisoft Entertainment - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4258 UBM Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4259 UBM Plc- STND FUT	NYSE Liffe	DELISTED	F
4260 UBS AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4261 UBS AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4262 UBS AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4263 UBS AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4264 UBS AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4265 UBS AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4266 UCB SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4267 UCB SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4268 UCB SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4269 UCB SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4270 UCB SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4271 UCB SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4272 Ultra Electronics Holdings - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4273 Ultra Electronics Holdings - STND FUT	NYSE Liffe	DELISTED	F
4274 Ultraframe - STND FUT	NYSE Liffe	DELISTED	F
4275 Umicore - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4276 Umicore - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4277 Umicore - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4278 Umicore - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4279 Umicore - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4280 Umicore - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4281 UNIBAIL-RODAMCO SE - AMER PHYS FLEX OPT	NYSE Liffe	BCLEAR	O
4282 UNIBAIL-RODAMCO SE - CASH FLEX FUT	NYSE Liffe	BCLEAR	F
4283 UNIBAIL-RODAMCO SE - EURO CASH FLEX OPT	NYSE Liffe	BCLEAR	O
4284 UNIBAIL-RODAMCO SE - EURO PHYS FLEX OPT	NYSE Liffe	BCLEAR	O
4285 UNIBAIL-RODAMCO SE - PHYS FLEX FUT	NYSE Liffe	BCLEAR	F
4286 UNIBAIL-RODAMCO SE -AMER CASH FLEX OPT	NYSE Liffe	BCLEAR	O
4287 UniCredit SpA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4288 UniCredit SpA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4289 UniCredit SpA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4290 UniCredit SpA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4291 UniCredit SpA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4292 UniCredit SpA -STND Future	NYSE Liffe	BCLEAR and COB	F
4293 Unilever NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4294 Unilever NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4295 Unilever NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4296 Unilever NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4297 Unilever NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4298 Unilever NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4299 Unilever NV -STND Future	NYSE Liffe	BCLEAR and COB	F
4300 Unilever plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4301 Unilever plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4302 Unilever plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4303 Unilever plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4304 Unilever plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4305 Unilever PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
4306 Union Pacific Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4307 Union Pacific Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4308 Unione Di Banche Italiane Srl-Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4309 Unione Di Banche Italiane Srl-Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4310 Unione Di Banche Italiane Srl-Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4311 Unione Di Banche Italiane Srl-Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4312 Unione Di Banche Italiane Srl-Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4313 Unipetrol - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4314 Uniqa Versicherungen AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4315 Uniqa Versicherungen AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4316 Uniqa Versicherungen AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4317 Uniqa Versicherungen AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4318 Uniqa Versicherungen AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4319 Uniqa Versicherungen AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4320 UNIT4 NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4321 UNIT4 NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4322 UNIT4 NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4323 UNIT4 NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4324 UNIT4 NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4325 UNIT4 NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4326 United Health Group Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4327 United Health Group Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4328 United Health Group Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4329 United Health Group Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4330 United Health Group Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4331 United Internet AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4332 United Internet AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4333 United Internet AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4334 United Internet AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4335 United Internet AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4336 United Internet AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4337 United Parcel Service Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4338 United Parcel Service Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4339 United Technologies Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4340 United Technologies Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4341 United Utilities A Shs	NYSE Liffe	DELISTED	F
4342 United Utilities plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4343 United Utilities plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4344 United Utilities plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4345 United Utilities plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4346 United Utilities plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4347 United Utilities plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4348 UPM-Kymmene Oyj - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4349 UPM-Kymmene Oyj - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4350 UPM-Kymmene Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4351 UPM-Kymmene Oyj - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4352 UPM-Kymmene Oyj - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4353 UPM-Kymmene Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4354 Uralkali - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4355 Uralkali - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4356 US Bancorp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4357 US Bancorp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4358 US Bancorp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4359 US Bancorp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O

4360 US Bancorp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4361 USG People - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4362 USG People - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4363 VALEANT PHARMACEUTICALS INTE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4364 VALEANT PHARMACEUTICALS INTE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4365 Valeo SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4366 Valeo SA Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4367 Valeo SA Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4368 Valeo SA Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4369 Valeo SA Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4370 Valeo SD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4371 Valero Energy Corp - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4372 Valero Energy Corp - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4373 Valiant Holding - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4374 Valiant Holding - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4375 Vallourec SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4376 Vallourec SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4377 Vallourec SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4378 Vallourec SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4379 Vallourec SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4380 Vallourec SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4381 Vardy (Reg)	NYSE Liffe	DELISTED	F
4382 Vedanta Resources PLC - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4383 Vedanta Resources PLC - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4384 Vedanta Resources PLC - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4385 Vedanta Resources PLC - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4386 Vedanta Resources PLC - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4387 Vedanta Resources PLC - STND OPT	NYSE Liffe	BCLEAR and COB	O
4388 Velti Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4389 Velti Plc - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4390 Veolia Environnement - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4391 Veolia Environnement - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4392 Veolia Environnement - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4393 Veolia Environnement - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4394 Veolia Environnement - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4395 Veolia Environnement - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4396 Veolia Environnement -STND Future	NYSE Liffe	BCLEAR and COB	F
4397 Verbund AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4398 Verbund AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4399 Verbund AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4400 Verbund AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4401 Verbund AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4402 Verbund AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4403 Verizon Communications - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4404 Verizon Communications - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

4405 Verizon Inc - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
4406 Verizon Inc - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
4407 Verizon Inc - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
4408 Vertex Pharmaceuticals Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4409 Vertex Pharmaceuticals Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4410 Vertex Pharmaceuticals Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4411 Vertex Pharmaceuticals Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4412 Vertex Pharmaceuticals Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4413 Vestas Wind Systems A/S - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4414 Vestas Wind Systems A/S - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4415 Vestas Wind Systems A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4416 Vestas Wind Systems A/S - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4417 Vestas Wind Systems A/S - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4418 Vestas Wind Systems A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4419 Vesuvius plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4420 Viacom Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4421 Viacom Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4422 Vicat SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4423 Victrex - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4424 Victrex - STND FUT	NYSE Liffe	BCLEAR	F
4425 Vienna Insurance Group - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4426 Vienna Insurance Group - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4427 Vienna Insurance Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4428 Vienna Insurance Group - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4429 Vienna Insurance Group - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4430 Vienna Insurance Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4431 Vinci SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4432 Vinci SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4433 Vinci SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4434 Vinci SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4435 Vinci SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4436 Vinci SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4437 Vinci SA -STND Future	NYSE Liffe	BCLEAR and COB	F
4438 Virbac SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4439 Virgin Media Inc - Cash Flex Fut	NYSE Liffe	Delisted 7/2/13	F
4440 Virgin Media Inc - Phys Flex Fut	NYSE Liffe	Delisted 7/2/13	F
4441 Visa Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4442 Visa Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4443 Viscofan SA - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4444 Viscofan SA - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4445 Vivendi SA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4446 Vivendi SA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4447 Vivendi SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4448 Vivendi SA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4449 Vivendi SA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O

4450 Vivendi SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4451 Vivendi SA -STND Future	NYSE Liffe	BCLEAR and COB	F
4452 Vocento SA - Cash Flex Future	NYSE Liffe	BCLEAR	F
4453 Vocento SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
4454 Vodafone Group plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4455 Vodafone Group plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4456 Vodafone Group plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4457 Vodafone Group plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4458 Vodafone Group plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4459 Vodafone Group plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4460 Voestalpine AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4461 Voestalpine AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4462 Voestalpine AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4463 Voestalpine AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4464 Voestalpine AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4465 Voestalpine AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4466 Volkswagen AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4467 Volkswagen AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4468 Volkswagen AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4469 Volkswagen AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4470 Volkswagen AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4471 Volkswagen AG - PFD - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4472 Volkswagen AG - PFD - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4473 Volkswagen AG - PFD - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4474 Volkswagen AG - PFD - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4475 Volkswagen AG - PFD - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4476 Volkswagen AG - PFD - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4477 Volkswagen AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4478 Volvo AB - B shares - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4479 Volvo AB - B shares - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4480 Volvo AB - B shares - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4481 Volvo AB - B shares - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4482 Volvo AB - B shares - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4483 Volvo AB - B shares - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4484 Vopak - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4485 Vopak - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4486 Vornado Realty Trust - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4487 Vornado Realty Trust - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4488 Vossloh AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4489 Vossloh AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4490 VTB Bank OJSC - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4491 VTB Bank OJSC- - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4492 VTB Bank OJSC- - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4493 VTB Bank OJSC - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4494 VTB Bank OJSC- Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4495	VTB Bank OJSC- Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4496	Wacker Chemie AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4497	Wacker Chemie AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4498	Walgreen Co - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4499	Walgreen Co - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4500	Wal-Mart Stores Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4501	Wal-Mart Stores Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4502	Wal-Mart Stores Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4503	Wal-Mart Stores Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4504	Wal-Mart Stores Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4505	Walt Disney Co/The - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4506	Walt Disney Co/The - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4507	Warner Chilcott plc	NYSE Liffe	DELISTED	F
4508	Wartsila Oyj - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4509	Wartsila Oyj - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4510	Waste Management Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4511	Waste Management Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4512	Weir Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4513	Weir Group - STND FUT	NYSE Liffe	DELISTED	F
4514	Wellpoint Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4515	Wellpoint Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4516	Wellpoint Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4517	Wellpoint Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4518	Wellpoint Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4519	Wells Fargo & Company - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4520	Wells Fargo & Company - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4521	Wells Fargo & Company - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4522	Wells Fargo & Company - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4523	Wells Fargo & Company - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4524	Wendel - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4525	Wendel - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4526	Wereldhave NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4527	Wereldhave NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4528	Wereldhave NV Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4529	Wereldhave NV Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4530	Wereldhave NV Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4531	Wereldhave NV Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4532	Westbury	NYSE Liffe	DELISTED	F
4533	Weyerhaeuser Co - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4534	Weyerhaeuser Co - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4535	Whitbread Holdings plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4536	Whitbread plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4537	Whitbread plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4538	Whitbread plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4539	Whitbread plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O

4540	Whitbread plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4541	Whole Foods Market Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4542	Whole Foods Market Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4543	Whole Foods Market Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4544	Whole Foods Market Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4545	Whole Foods Market Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4546	Wienerberger AG - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4547	Wienerberger AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4548	Wienerberger AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4549	Wienerberger AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4550	Wienerberger AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4551	Wienerberger AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4552	William Denmant Holding - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4553	William Denmant Holding - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4554	William Hill	NYSE Liffe	DELISTED	F
4555	William Hill plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4556	William Hill plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4557	William Hill plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4558	William Hill plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4559	William Hill plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4560	William Hill plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4561	Wincor Nixdorf AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4562	Wincor Nixdorf AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4563	Windstream Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4564	Windstream Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4565	Windstream Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4566	Windstream Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4567	Windstream Corp- Cash Flex Fut	NYSE Liffe	BCLEAR	F
4568	Wirecard AG - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4569	Wirecard AG- Phys FLEX Future	NYSE Liffe	BCLEAR	F
4570	Wolseley Plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4571	Wolseley Plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4572	Wolseley Plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4573	Wolseley Plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4574	Wolseley Plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4575	Wolseley Plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4576	Wolters Kluwer NV - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4577	Wolters Kluwer NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4578	Wolters Kluwer NV - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4579	Wolters Kluwer NV - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4580	Wolters Kluwer NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4581	Wolters Kluwer NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4582	Wolters Kluwer NV -STND Future	NYSE Liffe	BCLEAR and COB	F
4583	Wood Group (John) - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4584	Wood Group (John) - STND FUT	NYSE Liffe	DELISTED	F

4585 WPP plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4586 WPP plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4587 WPP plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4588 WPP plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4589 WPP plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4590 WPP plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4591 X5 Retail Group - Amer Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
4592 X5 Retail Group - Amer Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
4593 X5 Retail Group - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4594 X5 Retail Group - Euro Cash FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
4595 X5 Retail Group - Euro Phys FLEX Opt	NYSE Liffe	Delisted 17/1/13	O
4596 X5 Retail Group - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4597 Xerox Corp - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4598 Xerox Corp - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4599 XL Group plc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4600 XL Group plc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4601 XL Group plc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4602 XL Group plc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4603 XL Group plc- Cash Flex Fut	NYSE Liffe	BCLEAR	F
4604 Xstrata plc - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4605 Xstrata plc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4606 Xstrata plc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4607 Xstrata plc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4608 Xstrata plc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4609 Xstrata plc - STND OPT	NYSE Liffe	BCLEAR and COB	O
4610 Yahoo Inc - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4611 Yahoo Inc - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4612 Yahoo Inc - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4613 Yahoo Inc - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4614 Yahoo Inc - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4615 Yamana Gold Plc - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4616 Yamana Gold Plc - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4617 Yara International ASA - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4618 Yara International ASA - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4619 Yara International ASA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4620 Yara International ASA - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4621 Yara International ASA - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4622 Yara International ASA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4623 YIT OYJ - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4624 YIT OYJ - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4625 Yum! Brands Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4626 Yum! Brands Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4627 Zardoya Otis SA - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4628 Zardoya Otis SA - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4629 Zeltia SA - Cash Flex Future	NYSE Liffe	BCLEAR	F

4630 Zeltia SA - Phys Flex Future	NYSE Liffe	BCLEAR	F
4631 Ziggo NV - Amer Cash FLEX Option	NYSE Liffe	BCLEAR	O
4632 Ziggo NV - Amer Phys FLEX Option	NYSE Liffe	BCLEAR	O
4633 Ziggo NV - Cash FLEX Future	NYSE Liffe	BCLEAR	F
4634 Ziggo NV - Euro Cash FLEX Option	NYSE Liffe	BCLEAR	O
4635 Ziggo NV - Euro Phys FLEX Option	NYSE Liffe	BCLEAR	O
4636 Ziggo NV - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4637 Zimmer Holdings Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4638 Zimmer Holdings Inc - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4639 Zimmer Holdings Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4640 Zimmer Holdings Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4641 Zimmer Holdings Inc - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4642 Zodiac Aerospace - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4643 Zodiac Aerospace - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4644 ZON Multimedia Cash Flex Future	NYSE Liffe	BCLEAR	F
4645 ZON Multimedia Phys Flex Future	NYSE Liffe	BCLEAR	F
4646 Zumtobel AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4647 Zumtobel AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4648 Zurich Insurance Group - Amer Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4649 Zurich Insurance Group AG - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4650 Zurich Insurance Group AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4651 Zurich Insurance Group AG - Euro Cash FLEX Opt	NYSE Liffe	BCLEAR	O
4652 Zurich Insurance Group AG - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4653 Zurich Insurance Group AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

Note

Items in red have been loaded into production and will be launched shortly

4654 Adva Optical Networking SE - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4655 Adva Optical Networking SE - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4656 Comcast Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4657 Comcast Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4658 Comcast Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4659 ConocoPhillips - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4660 ConocoPhillips - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4661 ConocoPhillips - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4662 Chevron Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4663 Chevron Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4664 Chevron Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4665 Drillisch AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F

4666 Drillisch AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4667 eBay Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4668 eBay Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4669 eBay Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4670 Evotec AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4671 Evotec AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4672 Galapagos NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4673 Galapagos NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4674 Galapagos NV - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4675 Genuine Parts Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4676 Genuine Parts Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4677 Genuine Parts Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4678 Kraft Foods Group Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4679 Kraft Foods Group Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4680 Kraft Foods Group Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4681 Lorillard Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4682 Lorillard Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4683 Lorillard Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4684 NSI NV - Amer Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4685 NSI NV - Euro Phys FLEX Opt	NYSE Liffe	BCLEAR	O
4686 NSI NV - Phys FLEX fut	NYSE Liffe	BCLEAR	F
4687 Oracle Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4688 Oracle Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4689 Oracle Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4690 Occidental Petroleum Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4691 Occidental Petroleum Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4692 Occidental Petroleum Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4693 Pandora A/S - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4694 Pandora A/S - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4695 PepsiCo Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4696 PepsiCo Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4697 PepsiCo Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4698 PolyusGold Plc - Phys FLEX Future	NYSE Liffe	BCLEAR	F

4699 3M Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4700 3M Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4701 3M Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4702 Polymetal International Plc - Phys FLEX Future	NYSE Liffe	BCLEAR	F
4703 Partners Group Holding AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4704 Partners Group Holding AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4705 QSC AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4706 QSC AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4707 Reliance Industries Spons GDRs - Cash Flex Fut	NYSE Liffe	BCLEAR	F
4708 Reliance Industries Spons GDRs - Phys Flex Fut	NYSE Liffe	BCLEAR	F
4709 Reynolds American Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4710 Reynolds American Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4711 Reynolds American Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4712 Suess Microtec AG - Phys FLEX Fut	NYSE Liffe	BCLEAR	F
4713 Suess Microtec AG - Cash FLEX Fut	NYSE Liffe	BCLEAR	F
4714 Union Pacific Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4715 Union Pacific Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4716 Union Pacific Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4717 United Parcel Service Inc - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4718 United Parcel Service Inc - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4719 United Parcel Service Inc - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4720 United Technologies Corp - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4721 United Technologies Corp - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4722 United Technologies Corp - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4723 Emerson Electric Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O
4724 Emerson Electric Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4725 Emerson Electric Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4726 American Express Co - Euro Cash Flex Opt	NYSE Liffe	BCLEAR	O
4727 American Express Co - Amer Phys Flex Opt	NYSE Liffe	BCLEAR	O
4728 American Express Co - Euro Phys Flex Opt	NYSE Liffe	BCLEAR	O

No	New Contract Name	Market	Market Type	Product Type
	Name of the contract	ICE Futures Europe NYSE Liffe	Market Type	Futures / Options
1	Cocoa	NYSE Liffe	COB	Futures
2	Cocoa	NYSE Liffe	COB	Options
3	Robusta Coffee	NYSE Liffe	COB	Futures
4	Robusta Coffee	NYSE Liffe	COB	Options
5	Feed Wheat	NYSE Liffe	COB	Futures
6	Feed Wheat	NYSE Liffe	COB	Options
7	White Sugar	NYSE Liffe	COB	Futures
8	White Sugar	NYSE Liffe	COB	Options
9	Cocoa Cash Settled Swap	NYSE Liffe	Bclear	Swap
10	Cocoa Cash Settled European	NYSE Liffe	Bclear	Options
11	Robusta Cash Settled Swap	NYSE Liffe	Bclear	Swap
12	Robusta Cash Settled European	NYSE Liffe	Bclear	Options
13	White Sugar Cash Settled Swap	NYSE Liffe	Bclear	Swap
14	White Sugar Cash Settled European	NYSE Liffe	Bclear	Options
15	Raw Sugar	NYSE Liffe	COB suspended	Futures
16	Raw Sugar	NYSE Liffe	COB suspended	Options

Notified to the Exchange Supervisory Team under
REC 2.12 and REC 3.14R

No	New Contract Name	Market	Market Type	Product Type
	Name of the contract	ICE Futures Europe NYSE Liffe	Market Type	Futures / Options
1	Three Month EONIA	NYSE Liffe	COB	Future
2	One Month Eonia (futures delivery month = ECB+1)	NYSE Liffe	COB	Future
3	Short Gilt Future	NYSE Liffe	COB	Future
4	Medium Gilt Future	NYSE Liffe	COB	Future
5	Three Month Euro (EURIBOR)	NYSE Liffe	COB + Bclear	Future
6	Three Month Euro (EURIBOR)	NYSE Liffe	COB	Option
7	Euribor/Eonia Intercommodity Spread	NYSE Liffe	COB	Future
8	Three Month Euroyen (TIBOR)	NYSE Liffe	COB	Future
9	JAPANESE GOVERNMENT BOND	NYSE Liffe	COB	Future
10	Three Month Euro (EURIBOR) 1yr Mid-Curve	NYSE Liffe	COB	Option
11	Three Month Euro (EURIBOR) 2yr Mid-Curve	NYSE Liffe	COB	Option
12	Three Month Euro (EURIBOR) 3yr Mid-Curve	NYSE Liffe	COB	Option
13	Three Month Euro (EURIBOR) 4yr Mid-Curve	NYSE Liffe	COB	Option
14	Three Month Sterling	NYSE Liffe	COB + Bclear	Future
15	Three Month Sterling	NYSE Liffe	COB	Option
16		NYSE Liffe	COB	Option
17	Three Month Sterling 2yr Mid-Curve	NYSE Liffe	COB	Option
18	Three Month Sterling 3yr Mid-Curve	NYSE Liffe	COB	Option
19	Three Month Sterling 4yr Mid-Curve	NYSE Liffe	COB	Option
20	5Yr Euro Swapnote	NYSE Liffe	COB	Future
21	5Yr Euro Swapnote	NYSE Liffe	COB	Option
22	10Yr Euro Swapnote	NYSE Liffe	COB	Future
23	10Yr Euro Swapnote	NYSE Liffe	COB	Option
24	Long Gilt	NYSE Liffe	COB + Bclear	Future
25	Long Gilt	NYSE Liffe	COB	Option
26	Three Month Euroswiss	NYSE Liffe	COB	Future
27	Three Month Euroswiss	NYSE Liffe	COB	Option
28	One Month SONIA (suspended)	NYSE Liffe	COB	Future
29	2Yr Euro Swapnote	NYSE Liffe	COB	Future
30	2Yr Euro Swapnote	NYSE Liffe	COB	Option
31	5yr US\$ Swapnote	NYSE Liffe	COB	Future
32	10yr US\$ Swapnote	NYSE Liffe	COB	Future
33	2Yr US\$ Swapnote	NYSE Liffe	COB	Future

Notified to the Exchange Supervisory Team under REC 2.12 and
REC 3.14R



ICE Clear Europesm
Clearing Rules

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Part 1 General Provisions

Rule 101 *Definitions*

The term "**Account**" means a Customer Account or Proprietary Account, as the case may be, of a Clearing Member.

The term "**Accounting Standards**" means applicable accounting standards and principles.

The term "**Affected FM Party**" means a Person prevented, hindered or delayed by a Force Majeure Event.

The term "**Affiliated Person**" or "**Affiliate**" means, with respect to any specified Person, any other Person that Controls, is Controlled by, or is under common Control with, such specified Person.

The term "**Appeals Panel**" means the panel at which an appeal of a decision of a Disciplinary Panel is heard pursuant to Rule 1005.

The term "**Applicable Law**" means any applicable national, federal, supranational, state, regional, provincial, local or other statute, law, ordinance, regulation, rule, code, guidance, order, published practice or concession, judgment or decision of a Governmental Authority and, for the avoidance of doubt, includes all the provisions of the FSA Rules and any rules or regulations of any other Regulatory Authority.

The term "**Approved Financial Institution**" means a credit institution, bank, trust company or other institution which is an "institution" as defined in the Settlement Finality Regulations and which has been designated as an approved financial institution by the Clearing House for purposes of making and receiving cash transfers to and from the Clearing House and Payment Transfer Orders.

The term "**Approved CDS Trade Processing Platform**" has the meaning given to that term in the definition of Trade Processing Platform below.

The term "**Assessment Contribution**" means an Energy F&O Assessment Contribution, a CDS Assessment Contribution or an FX Assessment Contribution.

The term "**Banking Consolidation Directive**" means Directive 2006/48/EC.

The term "**Bankruptcy**" means, in relation to a Person, where that Person: (i) is dissolved (other than pursuant to a consolidation, amalgamation or merger); (ii) becomes insolvent or is unable to pay its debts or fails or admits in writing its inability generally to pay its debts as they become due; (iii) makes a general assignment, arrangement or composition with or for the benefit of its creditors; (iv) institutes or has instituted against it, by a Governmental Authority with primary insolvency, rehabilitative or regulatory jurisdiction over it in the jurisdiction of its incorporation or organisation or the jurisdiction of its head or home office, a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation

by it or such Governmental Authority; (v) has instituted against it a proceeding seeking a judgment of insolvency or bankruptcy or any other relief under any bankruptcy or insolvency law or other similar law affecting creditors' rights, or a petition is presented for its winding-up or liquidation, and such proceeding or petition is instituted or presented by a person or entity not described in (iv) above and either (1) results in a judgment of insolvency or bankruptcy or the entry of an order for relief or the making of an order for its winding-up or liquidation or (2) is not dismissed, discharged, stayed or restrained in each case within 15 days of the institution or presentation thereof; (vi) has a resolution passed for its winding-up, official management or liquidation (other than pursuant to a consolidation, amalgamation or merger); (vii) seeks or becomes subject to the appointment of an administrator, provisional liquidator, conservator, receiver, trustee, custodian or other similar official for it or for all or substantially all its assets; (viii) has a secured party take possession of all or substantially all its assets or has a distress, execution, attachment, sequestration or other legal process levied, enforced or sued on or against all or substantially all its assets and such secured party maintains possession, or any such process is not dismissed, discharged, stayed or restrained, in each case within 15 days thereafter; (ix) causes or is subject to any event with respect to it which, under the Applicable Laws of any jurisdiction, has an analogous effect to any of the events specified in (i) to (viii) above; or (x) takes any action in furtherance of, or indicating its consent to, approval of, or acquiescence in, any of the foregoing acts. For the purposes of this definition and for the avoidance of doubt, "Person", in the case of a CDS Clearing Member, includes any Office (as defined in the CDS Procedures) which the Clearing House and the CDS Clearing Member have agreed pursuant to paragraph 9.2(h)(ii) of the CDS Procedures that the CDS Clearing Member may enter into a CDS Contract through or have an open CDS Contract recorded in the name of, or any Office of such CDS Clearing Member through which it is acting.

The term "**BClear**" means a service operated by LIFFE which enables LIFFE Clearing Members to report certain trades that have been made bilaterally in the over-the-counter market, to LIFFE for the purposes of the LIFFE Rules.

The term "**Bilateral CDS Transaction**" means: (i) a CDS transaction between two CDS Clearing Members (or, to the extent permitted in the CDS Procedures, involving the same CDS Clearing Member acting in two different capacities) or (ii) a CDS transaction between a CDS Clearing Member and an Affiliate of the same or a different CDS Clearing Member or (iii) a CDS transaction between an Affiliate of a CDS Clearing Member and an Affiliate of the same or a different CDS Clearing Member (to which in either case (i), (ii) or (iii), for the avoidance of doubt, the Clearing House is not a party).

The term "**Board**" means the board of Directors or any other body established thereunder (whether called a board, a committee or otherwise) of the Clearing House.

The term "**Business Day**" means a day on which the Clearing House is open for business or, in relation to deliveries in respect of a particular **EnergyF&O** Contract, has the meaning given in the Delivery Procedures or, in relation to certain Contract Terms, has the meaning given in or pursuant to the Contract Terms Procedures, ICE Futures Europe Rules ~~or~~, ICE Futures US Rules or LIFFE Rules.

The term "**Buyer**" means, in relation to deliveries under Part [7.7](#) or a [Contract of Sale](#), the Clearing Member or the Clearing House, whichever is obliged to receive delivery of a [Commodity Deliverable](#) (whether itself or through another Person).

The term "**Buying Clearing Member**" means, in respect of a Contract: (a) except in circumstances in which sub-paragraph (c) below applies, the Clearing Member that was, before formation of a Contract, party to the corresponding Transaction (or specified in the CDS Trade Particulars) as buyer (or, in relation to CDS Contracts, as protection buyer or, in relation to a Financially-Settled FX Contract, Reference Currency Buyer); (b) except in circumstances in which sub-paragraph (c) below applies, where a Non-FCM/BD Clearing Member's Customer is a party to the corresponding Transaction (or specified in the CDS Trade Particulars) as buyer, protection buyer or Reference Currency Buyer (as applicable), the Clearing Member that provides clearing services to that Customer in relation to the Transaction (or CDS Trade Particulars) in question (or, for [Energy F&O](#) Contracts, if more than one such Clearing Member exists, the Clearing Member that was selected by the Customer for the initial booking of that Transaction); (c) where an FCM/BD Customer is a party to the corresponding Transaction (or specified in the CDS Trade Particulars) as buyer or protection buyer (as applicable), the FCM/BD Clearing Member clearing on behalf of such FCM/BD Customer; or (d) in relation to [Energy F&O](#) Contracts only and overriding any designation that would occur pursuant to (a), (b) or (c) above, where one Clearing Member that would be the Buying Clearing Member in accordance with (a), (b) or (c) above has allocated an [Energy F&O](#) Transaction to another Clearing Member for clearing in accordance with Market Rules, the Clearing Member to whom such [Energy F&O](#) Transaction is allocated.

The term "**CAD**" means Canadian dollars, or any other lawful currency that is a successor to it.

The term "**Call**", in respect of an [Energy F&O](#) Contract, means an Option pursuant to which a Person with a Long position has the [actual or notional](#) right to buy a ~~Future or Futures~~ [Deliverable](#) from a Person with a Short position at the Strike Price and at a specified time.

The term "**Capital**":

- (a) with respect to a Non-FCM/BD Clearing Member, has the same meaning as the term "own funds", as such term is defined in the Banking Consolidation Directive and determined on a stand-alone (non-consolidated) basis and subject to the limits and deductions set out therein and, in relation to matters reserved for member states, as implemented in the United Kingdom, whether or not the relevant Clearing Member is subject to the Banking Consolidation Directive or the supervision of the FSA; or
- (b) with respect to an FCM/BD Clearing Member, means its "adjusted net capital" as defined in CFTC Rule 1.17,

and, in either case, such other classes of capital as are permitted at the Clearing House's discretion pursuant to the Finance Procedures.

The term "**CDS**" means credit default swap.

The term "**CFTC**" means the Commodity Futures Trading Commission of the United States of America, or any successor thereto.

The term "**Chairman**" means the chairman of the Board from time to time.

The term "**CHF**" means the Swiss frank, or any other lawful currency that is a successor to it.

The term "**Circular**" means a publication issued by the Clearing House for the attention of all Clearing Members and posted on the Clearing House's website in accordance with Rule 109(g).

The term "**Clearing**" means the central counterparty and, where relevant, related risk, Open Contract Position, Margin, settlement, delivery, administrative, acceptance, transaction data, settlement price establishment and other functions of the Clearing House pursuant to these Rules.

The term "**Clearing House**" means ICE Clear Europe Limited, a company registered in England & Wales with registered number 06219884.

The term "**Clearing House Account**" means an account of the Clearing House at an Approved Financial Institution.

The term "**Clearing House CDS Contributions**" means the Clearing House CDS GF Contribution and the Clearing House CDS Initial Contribution.

The term "**Clearing House CDS GF Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(c)(v)(B) or 1103(g)(v)(C) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing House CDS Initial Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(c)(iv) or [Rule 1103\(g\)\(iv\)\(B\)](#) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing House Contributions**" means the Clearing House [EnergyF&O](#) Contributions, the Clearing House CDS Contributions and the Clearing House FX Contributions.

The term "**Clearing House [EnergyF&O](#) Contributions**" means the Clearing House [EnergyF&O](#) GF Contribution and the Clearing House [EnergyF&O](#) Initial Contribution.

The term "**Clearing House [EnergyF&O](#) GF Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(b)(v)(B) or 1103(g)(v)(B) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing House [EnergyF&O GF \(Energy\) Contribution](#)**" means that portion of the Clearing House F&O GF Contribution as is allocated by the Clearing House as applying primarily to Energy Contracts and residually to LIFFE Contracts.

The term "**Clearing House F&O GF (LIFFE) Contribution**" means that portion of the Clearing House F&O GF Contribution as is allocated by the Clearing House as applying primarily to LIFFE Contracts and residually to Energy Contracts.

The term "**Clearing House F&O Initial Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(b)(iv) or 1103(g)(iv)(A) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing House F&O Initial (Energy) Contribution**" means that portion of the Clearing House F&O Initial Contribution as is allocated by the Clearing House as applying primarily to Energy Contracts and residually to LIFFE Contracts.

The term "**Clearing House F&O Initial (LIFFE) Contribution**" means that portion of the Clearing House F&O Initial Contribution as is allocated by the Clearing House as applying primarily to LIFFE Contracts and residually to Energy Contracts.

The term "**Clearing House FX Contributions**" means the Clearing House FX GF Contribution and the Clearing House FX Initial Contribution.

The term "**Clearing House FX GF Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(d)(v)(B) or Rule 1103(g)(v)(D) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing House FX Initial Contribution**" means amounts allocated by the Clearing House as being available to be applied following an Event of Default in accordance with Rule 1103(d)(iv) or Rule 1103(g)(iv)(C) and as maintained pursuant to Rule 1104(e) including, where the context so requires, any proceeds of realisation of the same.

The term "**Clearing Member**" means a Person which has entered into a Clearing Membership Agreement with the Clearing House and which has been admitted as a clearing member pursuant to Part 2 of these Rules.

The term "**Clearing Member-Required Additional Margin**" has the meaning set out in the Standard Terms.

The term "**Clearing Membership Agreement**" means an agreement between the Clearing House and a Clearing Member under which, *inter alia*, the Clearing House agrees to provide Clearing in respect of Contracts to that Clearing Member and that Clearing Member agrees to be bound by and subject to these Rules. Without prejudice to the generality of Rule 102(b) or to the effectiveness of any other agreement between a Clearing House and a Clearing Member, for the avoidance of doubt, for Clearing Members that have executed a Pledged Collateral Addendum, the relevant Clearing Membership Agreement will be interpreted as amended by that Pledged Collateral Addendum.

The term "**Clearing Organisation**" means any clearing house duly authorised, regulated, recognised or licensed under Applicable Laws in any jurisdiction, including any recognised

clearing house, recognised overseas clearing house, derivatives clearing organisation or similar entity.

The term "**Clearing Processing System**" means the clearing processing system for Energy Contracts, the universal clearing platform for LIFFE Contracts and other clearing processing systems and platforms used by the Clearing House ~~and any Market from time to time~~ for F&O Contracts.

The term "**CLS Bank**" means CLS Bank International.

~~The term "**Commodity**" means any kind of property which is capable of being delivered pursuant to an Energy Contract.~~

The term "**Concentration Bank**" means an Approved Financial Institution at which the Clearing House has an account or accounts for the purpose of making transfers between Clearing House Accounts.

The term "**Contract**" means a contract between the Clearing House and a Clearing Member arising in accordance with these Rules, and as amended, subject to netting or aggregation in accordance with these Rules, the terms and conditions of which are the relevant Contract Terms.

The term "**Contract Category**" means any of the three categories of Contract cleared by the Clearing House, ~~namely Energy~~ which are linked to a specific Guaranty Fund, i.e. F&O Contracts, CDS Contracts and FX Contracts.

For the definition of the term "**Contract Position**", see 'Open Contract Position' below.

The term "**Contract Terms**" means all the terms and conditions of a Contract, as applicable, in: (i) (in relation to ~~Energy~~F&O Contracts only) the general conditions set out in the Contract Terms Procedures; (ii) (in relation to ICE Futures Europe Contracts only) the ICE Futures Europe Rules; (iii) (in relation to ICE Futures US Contracts only) the ICE Futures US Rules; (iv) (in relation to LIFFE Contracts only) the LIFFE Rules; (v) (in relation to ICE OTC Contracts only) the specific standard terms and eligibility criteria set out in the Contract Terms Procedures and Clearing Procedures for the class of Contract involved, the ICE OTC Participant Agreement between the Clearing Member and the ICE OTC Operator and any relevant ICE OTC Broker Agreement; ~~(vi)~~ (except in relation to ~~Energy~~F&O Contracts which are settled only in cash) if such ~~Energy~~F&O Contract becomes deliverable or is a Contract of Sale, the relevant Delivery Procedures for the class of ~~Energy~~F&O Contract, the specified standard terms set out in the Contract Terms Procedures and ICE Futures Europe Rules ~~or~~, ICE Futures US Rules or LIFFE Rules, as applicable; ~~(vii)~~ for CDS Contracts, the terms specified pursuant to Rule 1502; and ~~(viii)~~ for FX Contracts, the general conditions set out in the Rules and Procedures.

The term "**Control**" means the rights and powers exercised over a Person by a Controller and its cognate terms shall be construed accordingly.

The term "**Controller**" has the meaning given to that term in section 422 of the FSMA.

The term "**Controller Guarantee**" means a guarantee given by a Controller of a Clearing Member under Rule 201(a)(~~v~~[viii](#)).

The term "**Corresponding Contract**", means an transaction arising or as referred to in Rule 401(m) between a Non-FCM/BD Clearing Member and a Segregated Customer on economic terms similar to a corresponding Non-CDS Contract recorded in the Clearing Member's Non-CDS Customer Account (except, where applicable, the position of the Clearing Member as buyer or seller).

The term "**Credit Derivatives Definitions**" means the document of that name dated 2003 published by ISDA as supplemented by the 2009 ISDA Credit Derivatives Determination Committees, Auction Settlement and Restructuring Supplement to the Credit Derivatives Definitions (published by ISDA on 14 July 2009) and the Credit Derivatives Determinations Committees Rules (published by ISDA and as amended from time to time) including as supplemented or modified by incorporation of any additional provisions thereto (howsoever described) under, and as amended by, the Contract Terms for any relevant CDS Contract from time to time.

The term "**Credit Support Document**" means any guarantee or letter of credit or other security interest issued or granted to or for the benefit of the Clearing House that guarantees, covers or secures the Clearing Member's obligations under any Contract, but excluding any Pledged Collateral Addendum.

The term "**Credit Support Provider**" means, in respect of a Clearing Member each provider of a Credit Support Document in relation to that Clearing Member.

The term "**Customer**" means a Person who is a client or customer of a Clearing Member (which Customer may, subject to Applicable Law, be acting for one or more other clients or customers for purposes of the clearing of Contracts).

The term "**Customer Account**" means, in respect of a Clearing Member, any one customer account of the various different Customer Account Categories and comprises in the case of each Customer Account the related Customer Position Account and Customer Margin Account.

The term "**Customer Account Category**" means: (i) in relation to an FCM/BD Clearing Member, any of the following categories of Customer Account: DCM Customer Account, Non-DCM/Swap Customer Account, Swap Customer Account, Non-CDS Customer Account and SBS Customer Account; and (ii) in relation to a Non-FCM/BD Clearing Member, any of the following categories of Customer Account: Non-CDS Customer Account and CDS Customer Account.

The term "**Customer Account Contract**" means a Contract recorded in a Customer Position Account of a Clearing Member.

The term "**Customer Account Gross-Net Amount**" in respect of a Designated CDS Customer Account, means all Margin recorded in that Designated CDS Customer Account, excluding the Customer Account Net Margin Amount, any Surplus Collateral and, for the avoidance of doubt, excluding any Clearing Member-Required Additional Margin.

derivatives clearing organization clearing Contracts that are U.S. Futures), the books and records of which are located in the United States of America, opened in the name of the FCM/BD Clearing Member (acting in its capacity as a clearing member in relation to transactions connected with the provision of services to DCM Customers where segregation of related collateral is required in accordance with Section 4d(a) of the CEA insofar as applicable, and any applicable rules of the CFTC as promulgated thereunder and entering into market contracts in the capacity of a clearing member in relation to transactions connected with the provision of services to DCM Customers) relating to Contracts to which the FCM/BD Clearing Member is a party as a result of it acting for one or more DCM Customers (whose transactions the FCM/BD Clearing Member requests be recorded in the DCM Customer Account where the same is required in accordance with the segregation provisions of Section 4d(a) of the CEA insofar as applicable, and any applicable rules of the CFTC as promulgated thereunder) and in which the Clearing House records such Contracts and to which monies in respect of such Contracts are debited and credited, which may be divided for administrative convenience only into sub-accounts relating to different DCM Customers or groups of DCM Customers.

The term "**Default Amount**" means any of the [EnergyF&O](#) Default Amount, the CDS Default Amount or the FX Default Amount, as the context requires, and "**Default Amounts**" means any two of the foregoing or all of them, as the context requires.

The term "**Default Notice**" means a notice issued by the Clearing House under Rule 902(b).

The term "**Default Portability Preference**", in respect of a particular Segregated CDS Customer of a Non-FCM/BD CDS Clearing Member, has the meaning set out in the Standard Terms.

The term "**Default Portability Rules**" means Rule 904 and any terms setting out the meaning of the defined terms used therein.

The term "**Defaulter**" means a Clearing Member or former Clearing Member in respect of whom a Default Notice has been issued.

[The term "Deliverable" means any property, right, interest, register or book entry, commodity, certificate, property entitlement or Investment, which is capable of being delivered pursuant to an F&O Contract.](#)

[The term "Delivery Default" means a Clearing Member failing to deliver or transfer to the Clearing House in full any Deliverable required to be delivered or transferred by that Clearing Member under or in connection with any Contract, including a failure to deliver or transfer a Deliverable in accordance with the applicable Delivery Procedures, unless such failure constitutes a Force Majeure Event affecting the relevant Clearing Member.](#)

The term "**Delivery Facility**" means any Person or facility used for the delivery of [Commodities](#)[Deliverables](#) (excluding Transferors and Transferees).

The term "**Deriv/SERV**" means The Depository Trust & Clearing Corporation's system for storage and processing of trade information in relation to CDS, currently known as Deriv/SERV, or any successor thereto.

The term "**Designated CDS Customer Account**" refers to one or more of various different kinds of Customer Account of a Clearing Member (but is not itself a kind of Customer Account) and means: (i) in respect of a Non-FCM/BD CDS Clearing Member, its CDS Customer Account; or (ii) in respect of an FCM/BD Clearing Member, either or both the Swap Customer Account or the SBS Customer Account as is used by it for the recording of CDS Contracts on behalf of the Customer in question. If an FCM/BD Clearing Member uses more than one Customer Account for the recording of CDS Contracts, each such Customer Account shall be a separate Designated CDS Customer Account and references herein to the Designated CDS Customer Account shall be either to such Designated CDS Customer Account as is relevant or to both of their Designated CDS Customer Accounts, as the context requires.

The term "**Designated Controller**" means a Controller that has: (i) been notified to the Clearing House by the Clearing Member as a controller which should be taken into account by the Clearing House for purposes of calculating the Capital or Margin requirements of the Clearing Member; and (ii) executed in favour of, and delivered to, the Clearing House an acceptable Controller Guarantee, which Controller Guarantee remains valid and in effect.

The term "**Director**" means a director of the Clearing House.

The term "**Disciplinary Panel**" means a disciplinary panel established pursuant to Rule 1003.

The term "**Disclosed Principal Member**" means, where a Clearing Member acts as agent for a disclosed principal in respect of its Energy Contract clearing business and such principal has been admitted by the Clearing House as a Disclosed Principal Member, that principal.

The term "**Dispute**" means any dispute, difference, controversy or claim (of any and every kind or type, whether based on contract, tort, statute, regulation, or otherwise) arising out of, in relation to, or in connection with these Rules or any Contract, including any dispute as to the existence, construction, validity, interpretation, enforceability, termination or breach of these Rules or any Contract.

The term "**EFPs**" means 'exchange for physicals' under the ICE Futures Europe Rules or ICE Futures US Rules, as applicable [or any similar transaction under LIFFE Rules](#).

The term "**EFSSs**" means 'exchange for swaps' under the ICE Futures Europe Rules or 'exchange for related position' under ICE Futures US Rules, as applicable [or any similar transaction under LIFFE Rules](#).

The term "**Eligible Complaint**" means a complaint which is eligible pursuant to the Complaints Procedures.

The term "**Eligible Currencies**" means USD, EUR, GBP, CAD, CHF, SEK and such other currencies as are specified as such by the Clearing House from time to time.

The term "**Encumbrance**" means any claim, charge, mortgage, security, lien, equity, beneficial interest, power of sale, option or other right to purchase, usufruct, hypothecation, retention of title, right of pre-emption or other third party right or security interest of any kind or an agreement to create any of the foregoing.

~~The term "**Energy Assessment Amount**" means the total amount of all Energy Assessment Contributions payable by Energy Clearing Members pursuant to Rule 1105(a) in respect of an Event of Default.~~

~~The term "**Energy Assessment Contribution**" has the meaning set out in Rule 1105(b).~~

The term "**Energy Clearing Member**" means a Clearing Member that is authorised by the Clearing House to become party to Energy Contracts.

The term "**Energy Contracts**" means Contracts resulting from the clearing of Energy Transactions.

~~The term "**Energy Default Amount**" has the meaning set out in Rule 1103(e).~~

~~The term "**Energy Guaranty Fund**" means the guaranty fund established and maintained pursuant to Part 11 relating only to Energy Contracts.~~

~~The term "**Energy Guaranty Fund Contribution**" means a Guaranty Fund Contribution relating to the Energy Guaranty Fund.~~

The term "**Energy Transaction**" means an ICE Futures Europe Transaction, ICE Futures US Transaction or an ICE OTC Transaction.

The term "**EUR**" means the euro, or any other lawful currency that is a successor to it.

The term "**Event of Default**" has the meaning set out in Rule 901 and the term "**Default**" shall be construed accordingly.

The term "**Exchange**" means any exchange or similar body duly authorised, regulated, recognised or licensed (to the extent necessary) under Applicable Laws in any jurisdiction, including, but not limited to, any recognised investment exchange, recognised overseas investment exchange, designated investment exchange, designated contract market, exempt commercial market, regulated market, alternative trading system, multilateral trading facility or similar entity.

The term "**Exchange Act**" means the U.S. Securities Exchange Act of 1934.

The term "**F&O Assessment Amount**" means the total amount of all F&O Assessment Contributions payable by F&O Clearing Members pursuant to Rule 1105(a) in respect of an Event of Default.

The term "**F&O Assessment Contribution**" has the meaning set out in Rule 1105(b).

The term "**F&O Clearing Member**" means a Clearing Member that is authorised by the Clearing House to become party to Energy Contracts or LIFFE Contracts or both.

The term "**F&O Contract**" means an Energy Contract and/or a LIFFE Contract.

The term "F&O Default Amount" has the meaning set out in Rule 1103(e).

The term "F&O Guaranty Fund" means the guaranty fund established and maintained pursuant to Part 11 relating only to F&O Contracts.

The term "F&O Guaranty Fund Contribution" means a Guaranty Fund Contribution relating to the F&O Guaranty Fund.

The term "F&O Transaction" means an Energy Transaction and/or LIFFE Transaction.

The term "**Failure To Pay**" means the failure of the Clearing House to make any payment when due (including the return of assets equivalent to any Pledged Collateral) pursuant to Part 3 of the Rules in relation to CDS Contracts if such failure is not remedied on or before:

- (i) if no extension has been granted to the Clearing House pursuant to Rule 110(b) or Rule 110(c) prior to this date: the date falling 3 Business Days after notice of such failure is given to it by the CDS Clearing Member to which such payment or return is due; or
- (ii) if an extension has been granted to the Clearing House as referred to in paragraph (i) of this definition, 10 a.m. on the next Business Day after service of a notice of that failure to the Clearing House by the CDS Clearing Member to which such payment or return is due, provided that such notice is given no earlier than the final day of a period for which an extension has been granted to the Clearing House pursuant to Rule 110(b) or Rule 110(c),

save to the extent that any such failure to pay or return constitutes a Force Majeure Event affecting the Clearing House.

The term "**FCM/BD**" means a Person registered as a futures commission merchant with the CFTC and/or as a broker-dealer with the SEC, as applicable.

The term "**FCM/BD Clearing Member**" means a Clearing Member that is an FCM/BD.

The term "**FCM/BD Customer**" means any Customer that is (i) a customer (as defined in CFTC Rule 39.2) of an FCM/BD Clearing Member with respect to any Contract in one or more account classes (as defined in CFTC Rule 190.01) (other than a non-public customer as defined in CFTC Rule 190.01) or that is (ii) a customer (as defined in SEC Rule 15c3-3) of an FCM/BD Clearing Member with respect to any Contract recorded in the SBS Customer Account; provided that for the avoidance of doubt the term "FCM/BD Customer" will include a Customer of an FCM/BD Clearing Member (which Customer may, but need not, be an Affiliate of that FCM/BD Clearing Member or another Clearing Member) that is itself acting on behalf of one or more customers (other than non-public customers, as so defined) with respect to a Contract.

The term "**Financial Collateral Regulations**" means the Financial Collateral Arrangements (No. 2) Regulations 2003 (which implement Directive 2002/47/EC on financial collateral arrangements).

The term "**Financial Emergency**" means, with respect to any Clearing Member, any situation in which the financial or operational condition of such Clearing Member or any of its Designated Controllers is not or is likely not to be, in either case determined at the discretion of the Clearing House, adequate for such Clearing Member to meet its obligations (including, without limitation, its obligations to comply with these Rules) or to engage in business, or is such that it would not be in the best interests of the Clearing House or the marketplace for such Clearing Member to continue to be a Clearing Member.

The term "**Financial Indebtedness**" means any indebtedness for or in respect of: (a) monies borrowed; (b) any amount raised by acceptance under any acceptance credit facility or dematerialised equivalent; (c) any amount raised pursuant to any note purchase facility or the issue of bonds, notes, debentures, loan stock or any similar instrument; (d) the amount of any liability in respect of any lease or hire purchase contract which would, in accordance with applicable accounting standards, be treated as a finance or capital lease; (e) receivables sold or discounted (other than any receivables to the extent they are sold on a non-recourse basis); (f) any amount raised under any other transaction (including any forward sale or purchase agreement) having the commercial effect of a borrowing; (g) any counter-indemnity obligation in respect of a guarantee, indemnity, bond, standby or documentary letter of credit or any other instrument issued by a bank or financial institution; and (h) the amount of any liability in respect of any guarantee or indemnity for any of the items referred to in (a) to (g) above.

The term "**Financially-Settled FX Contract**" means an FX Contract which provides for cash settlement in a single predetermined currency on the relevant FX Settlement Date based on the difference between the values on the FX Settlement Date of: (i) the purchase of an agreed amount in one currency by the Reference Currency Buyer from the Reference Currency Seller; and (ii) the purchase by the Reference Currency Seller of an agreed amount in a different currency from the Reference Currency Buyer. Each leg of an FX Swap may be an FX Transaction which, if eligible for Clearing and Cleared, would give rise to two Financially-Settled FX Contracts.

The term "**Force Majeure Event**" means any occurrence outside the control of the Clearing House or the relevant Clearing Member, as applicable, which hinders or prevents the performance in whole or in part of any of its obligations hereunder (other than, for an [EnergyF&O](#) Contract or Financially-Settled FX Contract or any obligation relating to an [EnergyF&O](#) Contract or Financially-Settled FX Contract, an obligation to make payments in an Eligible Currency) (and, in relation only to any obligation of the Clearing House or a CDS Clearing Member under a CDS Contract, which obligation has not yet fallen due, such an occurrence which would hinder or prevent performance in whole or in part of any of its obligations thereunder were the occurrence or effects of the occurrence to continue until the date of performance of the relevant obligation), including, but not limited to, fire, flood, storm, earthquake, explosion, war, hostilities, accidents howsoever caused, strike, labour dispute, lockout, work to rule or other industrial dispute, lack of energy supply, criminal action, terrorist action, civil unrest, embargoes, acts of God, acts of a public enemy, unavailability or impairment of computer or data processing facilities, the actions or omissions of third Persons (including, without limitation, Deriv/SERV, CLS Bank, any Trade Processing Platform, Delivery Facilities, Approved Financial Institutions, bank or electronic transfer systems, Exchanges, Clearing Organisations, Governmental Authorities and Regulatory Authorities, but excluding the Clearing

House in the case of a Force Majeure Event affecting the Clearing House and further excluding a Clearing Member, its Customers, Transferors and Transferees in the case of a Force Majeure Event affecting a Clearing Member); and, for CDS Clearing Members and the Clearing House in relation to CDS Clearing Members only, Illegality; or, in relation to delivery of a [Commodity Deliverable](#) pursuant to any [Energy F&O](#) Contract, any event that is an event of force majeure (or similar event, howsoever defined) for that [Energy F&O](#) Contract under the Contract Terms or Market Rules.

The term "**FSA**" means the UK's Financial Services Authority or any successor entity.

The term "**FSA Rules**" means all rules, requirements, directions, guidance, examples, waivers and other similar materials published or otherwise made by the FSA from time to time.

The term "**FSMA**" means the UK's Financial Services and Markets Act 2000.

The term "**Future**" means an [Energy F&O](#) Contract or FX Contract subject to Clearing by the Clearing House that is a 'future' or 'contract for differences etc.' under articles 84 or 85 of the FSMA (Regulated Activities) Order 2001 or any economically similar Contract that is not an investment.

The term "**FX**" means foreign exchange.

The term "**FX Assessment Amount**" means the total amount of all FX Assessment Contributions payable by FX Clearing Members pursuant to Rule 1107 in respect of an Event of Default.

The term "**FX Assessment Contribution**" has the meaning set out in Rule 1107.

The term "**FX Clearing Member**" means a Clearing Member that is authorised by the Clearing House to become party to FX Contracts.

The term "**FX Contract**" means a Contract that is a foreign exchange contract that is subject to Clearing pursuant to these Rules and of a nature as specified in Circulars issued by the Clearing House from time to time.

The term "**FX Default Amount**" has the meaning set out in Rule 1103(e)(iii).

The term "**FX Failure To Pay**" means the failure of the Clearing House to make, when due, any payment (including the transfer of Pledged Collateral) pursuant to Part 3 of the Rules in relation to FX Contracts required to be made by it if such failure is not remedied on or before the third Business Day after notice of such failure is given to it by the FX Clearing Member to which such payment is due, unless such failure to pay constitutes a Force Majeure Event affecting the Clearing House.

The term "**FX Guaranty Fund**" means the guaranty fund established and maintained pursuant to Part 11 relating to the Clearing of FX Contracts.

The term "**General Customer Account**" means either a CDS Customer Account or a Non-CDS Customer Account (but is not itself a kind of Customer Account).

The term "**Governmental Authority**" means any Regulatory Authority and any national, federal, supranational, state, regional, provincial, local or other government, government department, ministry, governmental or administrative authority, regulator, agency, commission, secretary of state, minister, court, tribunal, judicial body or arbitral body or any other Person exercising judicial, executive, interpretative, enforcement, regulatory, investigative, fiscal, taxing or legislative powers or authority anywhere in the world with competent jurisdiction.

The term "**Gross Margin Shortfall**" in respect of a CDS Customer Account of a Non-FCM/BD CDS Clearing Member that has been declared a Defaulter, means the amount by which the value of $-N$ (i.e. N subject to a change sign function) for that CDS Customer Account (were it not for the inclusion of the proceeds of any Proprietary Account assets, CDS Guaranty Fund Contributions of non-Defaulters, Clearing House CDS Contributions or CDS Assessment Contributions in amount OA) would fall below the value of $A-B$ where:

A = total of Surplus Collateral and Customer Account Gross-Net Amount for that CDS Customer Account, including where applicable any such amounts received by the Clearing House pursuant to a letter of credit in favour of the Clearing House falling under amount SC and provided in respect of that CDS Customer Account; and

B = such amounts that would fall under A but are attributable to a particular CDS Sub-Account and are applied to meet a loss on that CDS Sub-Account.

provided that the Gross Margin Shortfall shall in no circumstances be less than zero (and, in this definition, the terms N , SC and OA have the meanings given in Rule 906).

The term "**Group Company**" means, with respect to any entity, an undertaking which is a parent undertaking or subsidiary undertaking of that entity or a subsidiary undertaking of any parent undertaking of that entity. For the purposes of this definition, the expressions "parent undertaking" and "subsidiary undertaking" shall have the meanings given to them in section 1162 of the Companies Act 2006, the expression "undertaking" shall have the meaning given to it in section 1161 of the Companies Act 2006 and the expression "entity" shall have the same meaning as the expression "undertaking".

The term "**Guaranty Funds**" means the [EnergyF&O](#) Guaranty Fund, the CDS Guaranty Fund and the FX Guaranty Fund.

The term "**Guaranty Fund Contribution**" means Permitted Cover transferred by a Clearing Member to the Clearing House as a contribution to the Guaranty Fund pursuant to Part 11 that has not been applied pursuant to Part 11 and includes, where the context so requires, any proceeds of realisation of the same.

The term "**Guaranty Fund Period**" (i) for the [EnergyF&O](#) Guaranty Fund, means a three-month period for which the total amount of [EnergyF&O](#) Guaranty Fund Contributions for the [EnergyF&O](#) Guaranty Fund is fixed (subject to any termination or suspension of any [EnergyF&O](#) Clearing Member's membership or status as an [EnergyF&O](#) Clearing Member, new

EnergyF&O Clearing Members making **EnergyF&O** Guaranty Fund Contributions and the Clearing House's discretions pursuant to Part 11); (ii) for the CDS Guaranty Fund, means a period for which the total amount of CDS Guaranty Fund Contributions for the CDS Guaranty Fund is fixed pursuant to the Finance Procedures (subject to any termination or suspension of any CDS Clearing Member's membership or status as a CDS Clearing Member, new CDS Clearing Members making CDS Guaranty Fund Contributions and the Clearing House's discretions pursuant to Part 11; or (iii) for the FX Guaranty Fund, means a period for which the total amount of FX Guaranty Fund Contributions for the FX Guaranty Fund is fixed pursuant to the Procedures (subject to any termination or suspension of any FX Clearing Member's membership or status as an FX Clearing Member, new FX Clearing Members making FX Guaranty Fund Contributions and the Clearing House's discretions pursuant to Part 11).

The term "**Guidance**" means guidance issued by the Clearing House pursuant to Rule 109(f).

The term "**HM Treasury**" means Her Majesty's Treasury in the UK and any successor thereto.

The term "**ICE Commodity Markets**" means ICE U.S. OTC Commodity Markets, LLC, a company incorporated in Delaware.

The term "**ICE Futures Europe**" means ICE Futures Europe (a company registered in England and Wales with registration number 01528617) and the recognised investment exchange (as defined in the FSMA) known as and operated by ICE Futures Europe.

The term "**ICE Futures Europe Block Contract**" means a Contract resulting from an ICE Futures Europe Block Transaction.

The term "**ICE Futures Europe Block Trade Facility**" means the block trade facility operated by ICE Futures Europe in accordance with the ICE Futures Europe Rules.

The term "**ICE Futures Europe Block Transaction**" means an EFS, EFP or ICE Futures Europe Block Trade Facility Transaction reported through ICE Futures Europe in accordance with the ICE Futures Europe Rules.

The term "**ICE Futures Europe Contract**" means an ICE Futures Europe Block Contract or an ICE Futures Europe Matched Contract.

The term "**ICE Futures Europe Matched Contract**" means a Contract resulting from an ICE Futures Europe Matched Transaction.

The term "**ICE Futures Europe Matched Transaction**" means a Transaction that occurs or occurred on the ICE Futures Europe exchange in accordance with the ICE Futures Europe Rules.

The term "**ICE Futures Europe Rules**" means the rules of ICE Futures Europe and, except when a particular rule is cross-referenced herein, has the same meaning as that given to the term "*Regulations*" in the regulations of ICE Futures Europe.

The term "**ICE Futures Europe Transaction**" means an ICE Futures Europe Matched Transaction or an ICE Futures Europe Block Transaction.

House's discretion, a different price or premium and other terms as are determined by the Clearing House pursuant to Rule 104; and the terms "**Invoiced Back**", "**Invoicing Back**" and other similar expressions shall be construed accordingly.

The term "**LCIA**" means the London Court of International Arbitration or any successor thereto.

The term "**LCIA Rules**" means the arbitration rules of the LCIA.

The term "**LIFFE**" means LIFFE Administration and Management (a company registered in England and Wales with registration number 01591809) and the recognised investment exchange (as defined in the FSMA) known as and operated by LIFFE Administration and Management.

The term "**LIFFE Block Contract**" means a Contract resulting from a LIFFE Block Transaction.

The term "**LIFFE Block Trade Facility**" means the block trade facility operated by LIFFE in accordance with the LIFFE Rules.

The term "**LIFFE Block Transaction**" means an EFS, EFP, LIFFE Block Trade Facility Transaction or BClear transaction reported through LIFFE in accordance with the LIFFE Rules.

The term "**LIFFE Clearing Member**" means a Clearing Member that is authorised by the Clearing House to become party to LIFFE Contracts and that is a clearing member of LIFFE.

The term "**LIFFE Contract**" means a LIFFE Block Contract or a LIFFE Matched Contract.

The term "**LIFFE Matched Contract**" means a Contract resulting from a LIFFE Matched Transaction.

The term "**LIFFE Matched Transaction**" means a Transaction that occurs or occurred on the LIFFE exchange in accordance with the LIFFE Rules.

The term "**LIFFE Rules**" means the rules of LIFFE, together with any procedures, as interpreted in accordance with guidance, notices and circulars, of LIFFE and, except when a particular rule is cross-referenced herein, has the same meaning as that given to the term "**Rules**" in the rules of LIFFE, as amended from time to time.

The term "**LIFFE Transaction**" means a LIFFE Matched Transaction or a LIFFE Block Transaction.

The term "**Long**", in respect of an Option, refers to the positions of Persons entitled to exercise Options.

The term "**Margin**" means Permitted Cover required to be provided or actually provided (by way of title transfer pursuant to a Clearing Membership Agreement or pledge pursuant to a Pledged Collateral Addendum) to the Clearing House (or, in the case of Variation Margin, Mark-to-Market Margin and FX Mark-to-Market Margin, provided to or by the Clearing House, as the context may require or, in the case of Variation Margin provided pursuant to a transfer of

cash) pursuant to a requirement for Original Margin, Variation Margin, FX Original Margin, Initial Margin, Mark-to-Market Margin, FX Mark-to-Market Margin or any other requirement under the Rules or the Finance Procedures and includes, where the context so requires, any proceeds of realisation of the same.

The term "**Mark-to-Market Margin**" means cash required to be provided or actually provided by a Clearing Member (by way of title transfer pursuant to a Clearing Membership Agreement or, or for FCM/BD Clearing Members only, by way of pledge pursuant to a Pledged Collateral Addendum) to the Clearing House or by the Clearing House to a Clearing Member related to the market value of a Clearing Member's Open Contract Positions relating to CDS Contracts, as determined pursuant to Rule 503(f)(ii) and the Finance Procedures and includes, where the context so requires, any proceeds of realisation of the same.

The term "**Mark-to-Market Price**" has the meaning given in Rule 503(g).

The term "**Market**" means ICE Futures Europe, ICE Futures US, ICE OTC, [LIFEE](#) and any other market for which the Clearing House provides or may provide Clearing services (and for the purposes of Clearing Membership Agreements for CDS Clearing Members only, also includes the over-the-counter market for CDS).

The term "**Market Delivery Settlement Price**" in respect of a Set of [EnergyF&O](#) Contracts or an [EnergyF&O](#) Contract, means the delivery or cash settlement price determined pursuant to Rule 701.

The term "**Market Rules**" means the rules, regulations, procedures of, and agreements governing, a Market, including the ICE Futures Europe Rules, ICE Futures US Rules ~~and~~, ICE OTC Participant Agreements, ICE OTC Broker Agreements, [LIFEE Rules](#) and the procedures of each of ICE Futures Europe, ICE Futures US ~~and~~, the ICE OTC Operator ~~and~~ [LIFEE](#).

The term "**Membership Category**" means any of the three membership categories ~~of Energy that are linked to a specific Guaranty Fund, i.e. that of F&O~~ Clearing Member, CDS Clearing Member and FX Clearing Member.

The term "**Monetary Default**" means a Clearing Member failing to transfer to, deposit with, or pay to, the Clearing House in full any Margin, Guaranty Fund Contribution, amount due under or in connection with any Contract or other amount due to the Clearing House or required by or pursuant to Market Rules, unless such failure constitutes a Force Majeure Event affecting the relevant Clearing Member.

The term "**Money Laundering Directive**" means Directive 2005/60/EC and relevant implementing measures in each member state of the European Economic Area which has implemented Directive 2005/60/EC, including the Money Laundering Regulations 2007.

The term "**Nominated Bank Account**" means a Nominated Customer Bank Account or a Nominated Proprietary Bank Account.

The term "**Nominated Customer Bank Account**" means an account (if any) of a Clearing Member at an Approved Financial Institution, nominated by the Clearing Member in accordance

with the Finance Procedures, used by the Clearing Member for transfers to or from the Clearing House of amounts due in respect of a Customer Account which, for Non-FCM/BD Clearing Members, may be designated by the Clearing Member for payments in respect of a Non-CDS Customer Account or CDS Customer Account or both and, for FCM/BD Clearing Members must be designated by the Clearing Member for use in connection with only one (but not two or more) of the following: Non-DCM/Swap Customer Account, DCM Customer Account, Swap Customer Account, Non-CDS Customer Account or SBS Customer Account. For the avoidance of doubt, a Nominated Customer Bank Account is not and does not form part of a Customer Account.

The term "**Nominated Proprietary Bank Account**" means an account of a Clearing Member at an Approved Financial Institution, nominated by the Clearing Member in accordance with the Finance Procedures, used by the Clearing Member for transfers to or from the Clearing House of amounts due in respect of a Proprietary Account, which may be designated for payments in respect of [EnergyF&O](#) Contracts, Non-CDS Contracts, CDS Contracts or any or all of them. For the avoidance of doubt, a Nominated Proprietary Bank Account is not and does not form part of a Proprietary Account.

The term "**Non-CDS Contracts**" means Contracts that are not CDS Contracts.

The term "**Non-CDS Customer Account**" means a kind of Customer Account with the Clearing House: (i) in relation to a Non-FCM/BD Clearing Member, opened in the name of that Non-FCM/BD Clearing Member for the recording of Non-CDS Contracts to which that FCM/BD Clearing Member is a party as a result of it acting for one or more Segregated Customers, and related Margin; and (ii) in relation to an FCM/BD Clearing Member, opened in the name of that FCM/BD Clearing Member for the recording of Non-CDS Contracts to which that FCM/BD Clearing Member is a party as a result of it acting for one or more General Customers, and related Margin.

The term "**Non-DCM/Swap**" means, in relation to an FCM/BD Clearing Member, a transaction or Contract that is not a U.S. Future, SBS or a Swap (as described in paragraphs (i) or (ii) of the definition thereof), which will include without limitation an ICE Futures Europe Transaction, an ICE Futures Europe [Contract, LIFFE Transaction, LIFFE](#) Contract and any other transaction or Contract made on or subject to the rules of any other "foreign board of trade" as defined in the CEA.

The term "**Non-DCM/Swap Customer**", in respect of an FCM/BD Clearing Member, means a Customer that is not a DCM Customer, a Swap Customer or an SBS Customer with respect to a transaction or Contract and which is required by Applicable Laws to be treated or is otherwise treated by the FCM/BD Clearing Member as a Non-DCM/Swap Customer. A Person may be a Non-DCM/Swap Customer in relation to certain transactions or Contracts and another category of FCM/BD Customer in relation to other transactions or Contracts.

The term "**Non-DCM/Swap Customer Account**", in respect of an FCM/BD Clearing Member, means a kind of Customer Account with the Clearing House that is not a DCM Customer Account, Swap Customer Account or SBS Customer Account in relation to which the FCM/BD Clearing Member: (i) acts in its capacity as a clearing member in relation to Non-DCM/Swaps

(other than Permitted Co-mingled Contracts) connected with the provision of services to Non-DCM/Swap Customers; and (ii) enters into market contracts in the capacity of a clearing member in relation only to transactions connected with the provision of services to Non-DCM/Swap Customers.

The term "**Non-FCM/BD CDS Clearing Member**" means any CDS Clearing Member that is not an FCM/BD Clearing Member.

The term "**Non-FCM/BD Clearing Member**" means any Clearing Member that is not an FCM/BD Clearing Member.

The term "**Non-FCM/BD Customer**" means any Customer that is not an FCM/BD Customer.

The term "**Non-Transfer Positions**" in respect of a Designated CDS Customer Account of a CDS Clearing Member, means the Customer Account Positions in respect of which either: (i) the relevant Segregated Customer has not made a Default Portability Preference; or (ii) a Default Portability Preference has been made by the relevant Segregated Customer but has not been communicated to the Clearing House by such CDS Clearing Member or, where permitted, by such Segregated Customer, in each case in accordance with the Rules and the Procedures.

The term "**OFT**" means the UK's Office of Fair Trading and any successor thereto.

The term "**Open Contract Position**", in respect of each Set of Contracts for a Clearing Member from time to time, comprises the Contract Position and, for [EnergyF&O](#) Contracts only, the Net Amount Position, where:

(a) *Contract Position* means:

- (i) in relation to a Proprietary Position Account for [EnergyF&O](#) Contracts that are Futures: where a Clearing Member is party to one or more Futures Contracts of a particular Set, the number that equals the netted sum of buy and sell obligations pursuant to those Contracts recorded in that account;
- (ii) in relation to a Proprietary Position Account for [EnergyF&O](#) Contracts that are Options: where a Clearing Member is party to one or more Options Contracts of a particular Set, the number that equals the netted sum of Long and Short obligations pursuant to those Contracts recorded in that account;
- (iii) in relation to a Customer Position Account for [EnergyF&O](#) Contracts that are Futures: where a Clearing Member is party to one or more Futures Contracts of a particular Set, the gross number of buy positions and the gross number of sell positions pursuant to those Contracts recorded in that account (subject to any netting pursuant to Rule 406);
- (iv) in relation to a Customer Position Account for [EnergyF&O](#) Contracts that are Options: where a Clearing Member is party to one or more Options Contracts of a particular Set, the gross number of Long positions and the gross number of

in any case as calculated by the Clearing House from time to time based on data received by the Clearing House in respect of Contracts entered into by the Clearing Member up to the close of business on the immediately preceding Business Day (or such other period determined by the Clearing House at its discretion); and

- (b) *Net Amount Position* for [EnergyF&O](#) Contracts, means the price at which the Contract Position for any Set is recorded on the Clearing House's books based on Settlement Prices for each Contract.

The term "**Opening Days**" means the days upon which the Clearing House is operational, which may vary for different Contracts or between deliveries and other business, as notified by the Clearing House from time to time.

The term "**Opening Hours**" means the hours during which the Clearing House is operational, which may vary for different Contracts or between deliveries and other business, as notified by the Clearing House from time to time.

The term "**Option**" means an [EnergyF&O](#) Contract subject to Clearing by the Clearing House that is an 'option' under article 83 of the Financial Services and Markets Act 2000 (Regulated Activities) Order 2001 or any economically similar Contract that is not an investment.

The term "**Original Margin**" means the Permitted Cover required to be provided or actually provided (by way of title transfer pursuant to a Clearing Membership Agreement or pledge pursuant to a Pledged Collateral Addendum) to the Clearing House as collateral for the obligations of a Clearing Member in respect of [EnergyF&O](#) Contracts pursuant to Part 5 including any margin provided in relation to [EnergyF&O](#) Contracts pursuant to Rule 502(g), in each case as calculated or permitted to be called in accordance with the risk policies of the Clearing House, but excluding in any case Variation Margin, and including where the context so requires, any proceeds of realisation of the same.

The term "**Permitted Co-mingled Contract**" means, with respect to an FCM/BD Clearing Member, a Contract that is a Non-DCM/Swap which has been designated by the Clearing House by Circular and approved by the appropriate Regulatory Authority or Regulatory Authorities to be recorded in the Swap Customer Account or the DCM Customer Account, as applicable, rather than the Non-DCM/Swap Customer Account.

The term "**Permitted Cover**" means cash in Eligible Currencies and other assets determined by the Clearing House as permissible for Margin or Guaranty Fund Contributions and includes, where the context so requires, any such cash or assets transferred to the Clearing House and any proceeds of realisation of the same. A particular kind of currency or asset may be determined by the Clearing House to be Permitted Cover only in respect of Proprietary Accounts, particular kinds of Customer Accounts, Energy Contracts, [LIFFE Contracts](#), [F&O Contracts](#), [FX Contracts](#), Non-CDS Contracts, CDS Contracts or certain Sets of Contracts.

The term "**Person**" means any individual, partnership, firm, body corporate, association, trust, unincorporated organisation or other entity.

The term "**Proprietary Account**", in respect of a Clearing Member, refers to a single proprietary account (in respect of both CDS Contracts and Non-CDS Contracts recorded in a Proprietary Position Account and all related Margin) and comprises the Proprietary Position Account and Proprietary Margin Account of that Clearing Member.

The term "**Proprietary Account Contract**" means a Contract recorded in the Proprietary Position Account of a Clearing Member (or any sub-account thereof).

The term "**Proprietary Account Position**" means an Open Contract Position as recorded in the Proprietary Position Account of a Clearing Member (or any sub-account thereof).

The "**Proprietary Margin Account**" forms part of a Proprietary Account and the term means an account with the Clearing House which is not a Customer Margin Account, opened in the name of a Clearing Member for the recording of debits and credits of Margin in respect of Proprietary Account Contracts recorded in the related Proprietary Position Account, which may be divided for administrative convenience only into sub-accounts including for [EnergyF&O](#) Contracts only, for CDS Contracts only or for FX Contracts only.

The "**Proprietary Position Account**" forms part of a Proprietary Account and the term means an account with the Clearing House which is not a Customer Position Account, opened in the name of a Clearing Member in which Proprietary Account Contracts entered into by the Clearing Member (whether directly or indirectly) and/or related Open Contract Positions are recorded, which may be divided for administrative convenience only into sub-accounts including for [EnergyF&O](#) Contracts only, for CDS Contracts only, for FX Contracts only or for Customer-related Contracts where the Customer is a non-Segregated Customer.

The term "**Put**", in respect of an [EnergyF&O](#) Contract, means an Option pursuant to which the Person with a Long position has the right to sell a Future or Futures to the Person with a Short position at the Strike Price and at a specified time.

The term "**Reference Currency Buyer**" means, (i) in respect of an FX Transaction the person identified as the Reference Currency Buyer in the Clearing House's records in relation to that Transaction; and (ii) in respect of an FX Contract, the Clearing House if the Clearing Member who is party to that FX Contract (or its Customer) was the Reference Currency Seller under the corresponding FX Transaction, or the Clearing Member who (or whose Customer) was party to the corresponding FX Transaction as Reference Currency Buyer.

The term "**Reference Currency Seller**" means, (i) in respect of an FX Transaction the person identified as the Reference Currency Seller in the Clearing House's records in relation to that Transaction; and (ii) in respect of an FX Contract, the Clearing House if the Clearing Member who is party to that FX Contract (or its Customer) was the Reference Currency Buyer under the corresponding FX Transaction, or the Clearing Member who (or whose Customer) was party to the corresponding FX Transaction as Reference Currency Seller.

The term "**Reference Price**" in respect of [EnergyF&O](#) Contracts and a Set of Options or an Option, means the reference price determined by the Clearing House on the basis of data provided by the relevant Market or otherwise pursuant to Rule 802.

related cleared Contracts are requested by the CDS Clearing Member to be recorded in a Customer Position Account relating to CDS Contracts.

The term "**Segregated CDS FCM/BD Customer**" means an FCM/BD Customer of an FCM/BD CDS Clearing Member in respect of CDS Contracts recorded in a Customer Position Account.

The term "**Segregated Customer**" means a Segregated CDS Customer, Segregated CDS FCM/BD Customer or a Segregated Non-CDS Customer.

The term "**Segregated Non-CDS Customer**" means a Customer of a Clearing Member, which Customer is party to one or more Corresponding Contracts, where related cleared Non-CDS Contracts are requested by the Clearing Member to be recorded in a Customer Position Account relating to Non-CDS Contracts.

The term "**SEK**" means Swedish krona, or any other lawful currency that is a successor to it.

The term "**Seller**" means, in relation to deliveries under Part [7.7 or a Contract of Sale](#), the Clearing Member or the Clearing House, whichever is obliged to make delivery of a [Commodity Deliverable](#) (whether itself or through another Person).

The term "**Selling Clearing Member**" means, in respect of a Contract: (a) except in circumstances in which sub-paragraph (c) below applies, the Clearing Member that was, before formation of a Contract for Clearing, party to the corresponding Transaction (or specified in the CDS Trade Particulars) as seller (or, in relation to CDS Contracts, as protection seller or, in relation to Financially-Settled FX Contracts, Reference Currency Seller); or (b) except in circumstances in which sub-paragraph (c) below applies, where a Non-FCM/BD Clearing Member's Customer is party to the corresponding Transaction (or specified in the CDS Trade Particulars) as seller, protection seller or Reference Currency Seller (as applicable), the Clearing Member that provides clearing services to that Customer in relation to the Transaction (or CDS Trade Particulars) in question (or, for [EnergyF&O](#) Contracts, if more than one such Clearing Member exists, the Clearing Member that was selected by the Customer for the initial booking of that Transaction); (c) where an FCM/BD Customer is a party to the corresponding Transaction (or specified in the CDS Trade Particulars) as seller or protection seller (as applicable), the FCM/BD Clearing Member clearing on behalf of such FCM/BD Customer; or (d) in relation to [EnergyF&O](#) Contracts only and overriding any designation that would occur pursuant to (a), (b) or (c) above, where one Clearing Member that would be a Selling Clearing Member in accordance with (a), (b) or (c) above has allocated an [EnergyF&O](#) Transaction to another Clearing Member for clearing in accordance with Market Rules, the Clearing Member to whom such [EnergyF&O](#) Transaction is allocated.

The term "**Sequential FX Guaranty Fund Depletion**" in respect of a particular FX Clearing Member that is not a Defaulter, means circumstances in which: (i) there have been two or more Events of Default relating to different FX Clearing Members within a period of 20 or fewer Business Days; (ii) FX Guaranty Fund Contributions have been applied in respect of at least two such Events of Default; and (iii) the total amount that the FX Clearing Member has paid the Clearing House to replenish its FX Guaranty Fund Contributions exceeds the total amount of FX

Guaranty Fund Contributions standing to the credit of that FX Clearing Member in the Clearing House's accounts prior to the first Event of Default.

The term "**Set**" means:

- (a) for Futures Contracts: a set or class of Contracts that are identical as to their terms (including the **Commodity Deliverable** to which such Contract relates and contract date; but excluding any amount paid or to be paid for entry into the Contract and any amount paid or to be paid in respect of settlement or delivery of a Contract);
- (b) for Options Contracts: a set of Contracts that are identical as to their terms (including the **Investment Deliverable** to which such Contracts relate, contract date and strike price; but excluding any amount paid or to be paid for entry into or writing of a Contract and any amount paid or to be paid in respect of settlement);
- (c) for CDS Contracts that are based on an index (including Triggered Restructuring CDS Contract Portions and Component Transactions forming part thereof or, pursuant to the Rules, resulting therefrom), a set of Contracts that are similar as to their terms (including, without limitation, identical as to their terms concerning the reference entities and obligations to which any payment or delivery obligation is linked, series number, fixed rate and scheduled termination date; but which may differ, without limitation, as to any Initial Payment, the 'Trade Date' and any provisions relating to tax or the provision of forms relating to tax);
- (d) for CDS Contracts that are based on a single reference entity, a set of Contracts that are similar as to their terms (including, without limitation, identical as to their terms concerning the reference entity and obligations to which any payment or delivery obligation is linked, fixed rate, scheduled termination date and, where terms are determined by reference to a "Physical Settlement Matrix", referring to the same version of such "Physical Settlement Matrix"; but which may differ, without limitation, as to any Initial Payment, the 'Trade Date' and any provisions relating to tax or the provision of forms relating to tax); and
- (e) for Financially-Settled FX Contracts: a set of Contracts that are identical as to their terms and economic characteristics (including the currency pair to which such Financially-Settled FX Contracts relate and their FX Settlement Date; but excluding any amount paid or to be paid for entry into or writing of the Financially-Settled FX Contract, any amount paid or to be paid in respect of settlement under the Financially-Settled FX Contract and the position of the FX Clearing Member or Clearing House as Reference Currency Buyer or Reference Currency Seller).

The term "**Settlement and Notices Terms**" means the Settlement and Notices Terms as published by the Clearing House from time to time as an Exhibit to these Rules, but which do not form part of these Rules, which are applicable in respect of CDS Contracts, Customer-CM CDS Transactions and clearing agreements or arrangements between FCM/BD CDS Clearing Members and their Customers, as amended from time to time in accordance with the terms thereof.

The term "**Settlement Finality Regulations**" means the Financial Markets and Insolvency (Settlement Finality) Regulations 1999.

The term "**Settlement Price**" means the settlement price for any [EnergyF&O](#) Contract as determined in accordance with the ICE Futures Europe Rules (for Contracts traded on ICE Futures Europe) or the ICE Futures US Rules (for Contracts traded on ICE Futures US) or [the LIFFE Rules \(for Contracts traded on LIFFE\)](#) or by the Clearing House in coordination with the ICE OTC Operator (for Contracts traded on ICE OTC); except that if on any day an [EnergyF&O](#) Contract ceases to be traded, then the Clearing House may treat as the Settlement Price for such [EnergyF&O](#) Contract on such day a price determined by the Clearing House at its discretion (or by the relevant Market and accepted by the Clearing House at its discretion), as reflecting the fair market value of such [EnergyF&O](#) Contract as of the close of trading in such [EnergyF&O](#) Contract on such day.

The term "**Short**", in respect of an Option, refers to the positions of Persons against whom Put Options and Call Options may be exercised.

The term "**Standard Terms**" means the form of Customer-CM CDS Transactions Standard Terms as published by the Clearing House from time to time as an Exhibit to these Rules, but which do not form part of these Rules, which are applicable as between each Non-FCM/BD CDS Clearing Member and each of its Segregated CDS Customers, as amended from time to time in accordance with the Standard Terms.

The term "**Strike Price**" in respect of an Option, means the price of the relevant ~~Future upon exercise of~~ [Deliverable at which](#) the Option [may be or is exercised](#).

The term "**Summary Disciplinary Committee**" means a summary disciplinary committee established pursuant to Rule 1004(c).

The term "**Surplus Collateral**" in respect of a Clearing Member or a particular Customer Account, Proprietary Account or account for Guaranty Fund Contributions at any time, means any Permitted Cover transferred to the Clearing House by a Clearing Member that is not required to satisfy the Clearing Member's current or most recently calculated requirements in respect of Margin or Guaranty Fund Contributions at such time.

The term "**Swap**" means (i) a "swap" as defined in the CEA and the Exchange Act, (ii) to the extent permitted to be held in an account with swaps (as defined in (i) above) under Applicable Law, a "security-based swap" as defined in the CEA and the Exchange Act, and (iii) Permitted Co-mingled Contracts recorded in the Swap Customer Account.

The term "**Swap Customer**", in respect of an FCM/BD Clearing Member, means any FCM/BD Customer with respect to any Contract arising as a result of CDS Trade Particulars or a Transaction that relates to a Swap. A Person may be a Swap Customer in relation to certain Contracts and another category of FCM/BD Customer in relation to other Contracts.

The term "**Swap Customer Account**", in respect of an FCM/BD Clearing Member, means a kind of Customer Account with the Clearing House (in its capacity as a registered U.S. derivatives clearing organisation clearing Swaps), the books and records of which are located in

the United States of America, opened in the name of the FCM/BD Clearing Member (acting in its capacity as a clearing member in relation to transactions connected with the provision of services to Swap Customers where segregation of related collateral is required in accordance with Section 4d(f) of the CEA insofar as applicable, and any applicable rules of the CFTC as promulgated thereunder and any interpretations thereof by the CFTC, and entering into market contracts in the capacity of a clearing member in relation to transactions connected with the provision of services to Swap Customers) relating to Contracts to which the Clearing Member is a party as a result of it acting for one or more Swap Customers (whose transactions the FCM/BD Clearing Member requests be recorded in the Swap Customer Account where the same is required in accordance with the segregation provisions of Section 4d(f) of the CEA insofar as applicable, and any applicable rules of the CFTC as promulgated thereunder and any interpretations thereof by the CFTC) and in which the Clearing House records such Contracts and to which monies in respect of such Contracts are debited and credited, which may be divided for administrative convenience only into sub-accounts relating to different Swap Customers or groups of Swap Customers.

The term "**Termination Close-Out Deadline Date**" means: (i) in respect of a termination of FX clearing membership under Rule 209(c)(i)(A) or Rule 209(f)(i)(A), the date falling 20 Business Days after the Termination Notice Time; (ii) in respect of a termination of FX clearing membership under Rule 209(c)(i)(E) or Rule 209(f)(i)(E), in respect of FX Contracts only, the day falling 10 Business Days after the relevant Termination Notice Time; or (iii) notwithstanding (i) and (ii), in any case, such later day as the Clearing House may at its discretion permit and notify in writing to the affected FX Clearing Member.

The term "**Termination Close-Out Time**" means the time at which an FX Clearing Member that is terminating its FX clearing membership ceases to be party to any open FX Contracts with the Clearing House.

The term "**Termination Date**" means: (A) (x) in respect of an FX Clearing Member that is not a CDS Clearing Member or an [EnergyF&O](#) Clearing Member and (y) for any other Clearing Member, in respect of its FX clearing membership only, the later of: (i) where applicable, the Termination Close-Out Deadline Date; (ii) the date of the Termination Close-Out Time; or (iii) the time of expiry of the termination notice period; or (B) in respect of the membership of a CDS Clearing Member or [EnergyF&O](#) Clearing Member except as set out in (A), the date on which a Clearing Member's membership of the Clearing House terminates.

The term "**Termination Notice Time**", in respect of FX clearing membership, means the time of service by an FX Clearing Member of a notice of termination under Rule 209(c)(i)(A) or (E) or Rule 209(f)(i)(A) or (E).

The term "**Termination Date**" means the date on which a Clearing Member's membership of the Clearing House terminates.

The term "**Trade Processing Platform**" means a person that has satisfied the Clearing House's requirements to act as an agent of one or more CDS Clearing Members in the submission of CDS Trade Particulars for Clearing, including having entered into an agreement with the Clearing House to act as an "**Approved CDS Trade Processing Platform**" in relation to such

submissions and, in relation to any CDS Clearing Member for which (and, as the case may be, for whose Affiliate) it acts as agent, has obtained that CDS Clearing Member's authorisation in writing to submit CDS Trade Particulars for Clearing as agent for that CDS Clearing Member and accordingly, such a Trade Processing Platform will be a Representative of such CDS Clearing Member for that purpose until the expiry of not less than one Business Day's written notice to the Clearing House given by such CDS Clearing Member that such Trade Processing Platform is no longer, or is not, authorised to act as its agent and/or Representative.

The term "**Transaction**" means: (i) in respect of the Clearing of CDS Contracts, CDS Trade Particulars; (ii) in respect of the Clearing of [EnergyE&O](#) Contracts: any transaction where the related trade particulars or data submitted or provided to the Clearing House or a Market by or on behalf of a Clearing Member or Clearing Members (including by any Representative) will give rise to a Contract or Contracts if the relevant circumstances specified in Rule 401(a) occur; or (iii) an FX Transaction. For the avoidance of doubt: (A) a Transaction may or may not reflect a binding contract or transaction between two Clearing Members or between a Clearing Member and its Customer and includes any trade particulars or any data resulting from the matching of any trade or block orders; and (B) in the case of an [EnergyE&O](#) Transaction made on or reported to a Market, the Transaction need not yet have been reported to the Clearing House.

The term "**Transaction Rights or Obligations**" means the rights, liabilities or obligations (if any) of a Clearing Member relating to, or arising out of or in connection with any Transaction, whether pursuant to contract, tort, equity, restitution or otherwise, pursuant to the laws of any jurisdiction, which fall or fell due for performance to any Person other than a Customer of the Clearing Member in relation to the Transaction in question.

The term "**Transfer**" has the meaning given to that term in Rule 904(a).

The term "**Transferee**" means a Person nominated by a Buyer to whom a transfer or delivery is to be made under an [EnergyE&O](#) Contract and includes reference to the Buyer where transfer or delivery is to be made to the Buyer.

The term "**Transferee Clearing Member**" means a Clearing Member which becomes party to a Contract as a result of a transfer, novation, sale or termination and replacement pursuant to Part 9 of the Rules.

The term "**Transferor**" means a Person nominated by a Seller by whom a transfer or delivery is to be made under an [EnergyE&O](#) Contract and includes reference to the Seller where transfer or delivery is to be made by the Seller.

The term "**Tribunal**" means an arbitral tribunal established under Rule 117.

The term "**USD**" means the lawful currency from time to time of the United States of America.

The term "**U.S. Future**" means (i) a Future or an Option that is an option on a Future, in either case that is traded on or subject to the rules of a designated contract market under Section 5 of the CEA and (ii) Permitted Co-mingled Contracts recorded in the DCM Customer Account. For the avoidance of doubt, U.S. Futures will not include Swaps or SBS.

The term "**Variation Margin**" means the cash required to be provided or actually provided by a Clearing Member to the Clearing House or by the Clearing House to a Clearing Member related to the market value of a Clearing Member's Open Contract Positions relating to [Energy F&O Contracts](#), as determined pursuant to Rule 503(e) and the Finance Procedures and includes, where the context so requires, any proceeds of realisation of the same.

The term "**Withdrawal Date**" means, if at any time the Clearing House decides to terminate its services, either generally or in relation to a significant part of its business or certain categories of Contract, the date on which that termination will take effect.

Rule 102 *Interpretation*

- (a) Any reference to a statute, statutory provision or rule shall include any notice, order, guidance, example, regulation or subordinate legislation made from time to time under that statute, statutory provision or rule which is in force from time to time. Any reference to a statute or statutory provision shall include such statute or provision as from time to time amended, modified, re-enacted or consolidated from time to time and (so far as liability thereunder may exist or can arise) shall include also any past statute or statutory provision (as from time to time modified, re-enacted or consolidated) which was applicable at the time of any relevant action or omission.
- (b) References to any rules or any agreement are references to such rules or agreement as amended or restated from time to time, provided that such amendments or restatements are made in accordance with these Rules.
- (c) The Interpretation Act 1978 shall apply to these Rules in the same way as it applies to an enactment.
- (d) When a reference is made in these Rules to a rule, part, paragraph or procedure, such reference is to a Rule, Part, paragraph, Procedure of, or made under these Rules, unless otherwise indicated.
- (e) The headings in these Rules are for reference purposes only and do not affect in any way the meaning or interpretation of these Rules.
- (f) To the extent there is any conflict between any of the provisions of these Rules, a Clearing Membership Agreement, the Procedures (including all exhibits, attachments and appendices thereto), any Guidance or Circular or Market Rules or between any of the foregoing, the provision of the first document specified in the paragraphs below shall prevail, control, govern and be binding upon the parties:
 - (i) these Rules (excluding the Procedures, Contract Terms (save to the extent that the Contract Terms include the Rules) and any other document incorporated by reference) (except Rules 301(h), (i), (j) or (k) only in the event of any conflict between any such provision on the one hand and any provision of the Contract Terms of a CDS Contract relating to tax on the other hand, in which case the relevant provision of the Contract Terms of the CDS Contract shall prevail; and except as provided in Rule 1518);

- (ii) the Clearing Membership Agreement;
 - (iii) in the case of CDS Contracts only, the CDS Procedures;
 - (iv) in the case of Energy Contracts traded on ICE Futures Europe only, in relation to those aspects of the ICE Futures Europe Rules that include Contract Terms only, the ~~Market~~[ICE Futures Europe](#) Rules;
 - (v) in the case of Energy Contracts traded on ICE Futures US only, in relation to those aspects of the ICE Futures US Rules that include Contract Terms only, the ~~Market~~[ICE Futures US](#) Rules;
 - (vi) in the case of ~~Energy~~[LIFFE Contracts, in relation to those aspects of the LIFFE Rules that include Contract Terms only, the LIFFE Rules](#);
 - [\(vii\) in the case of F&O](#) Contracts only, the Contract Terms other than those set out in these Rules or Market Rules (except as set out in Rule 102(f)(i)) (excluding the Rules and any other document incorporated by reference);
 - [\(viii\)](#) ~~(vii)~~ the Procedures (excluding any Contract Terms set out in the Procedures) save to the extent included in (iii);
 - [\(ix\)](#) ~~(viii)~~ Market Rules other than those referred to in (iv) above (excluding any document described in Rule 102(f)(i) to ~~(viii)~~[\(viii\)](#) incorporated by reference);
 - [\(x\)](#) ~~(ix)~~ any Guidance;
 - [\(xi\)](#) ~~(x)~~ any Circular (except for a Circular communicating an amendment to any of the above documents in accordance with these Rules, in which case the amendments communicated in such Circular shall be binding on the effective date specified in the Circular as if such amendments were one of those documents);
 - [\(xii\)](#) ~~(xi)~~ in the case of CDS Contracts recorded in a Designated CDS Customer Account, the Standard Terms (solely to the extent that the Standard Terms may be of interpretative relevance to the Rules or a CDS Contract); and
 - [\(xiii\)](#) ~~(xii)~~ the Settlement and Notices Terms.
- (g) [Not used].
- (h) All references to timings or times of day are to London (UK) times, unless indicated otherwise. Business hours shall occur only on Business Days and shall be construed accordingly.
- (i) All references to "tax" shall include, without limitation, any tax, levy, impost, duty, or other charge or withholding of a similar nature (including any penalty or interest payable in connection with any failure to pay or any delay in paying the same).

- (j) Each Clearing Member shall be bound by any act, omission, conduct or behaviour ("**conduct**") of its Customers and clients of such Customers but only in any instance in which any such Customer or client of such Customer:
- (i) is permitted by the Clearing Member to have access to any system or interface of any Market, Trade Processing Platform or the Clearing House which access enables or results in the entry into of Contracts and relates to Clearing by that Clearing Member for such Customer or client (which access, without limitation shall be deemed to have been granted by the Clearing Member if the Customer or client in question has been nominated to the Clearing House as an Eligible Person pursuant to the Clearing Membership Agreement to which such Clearing Member is a party);
 - (ii) is permitted by the Clearing Member to have access to any system or interface of any Market, Trade Processing Platform or the Clearing House which relates to Clearing by that Clearing Member for such Customer or client and which is used for the enriching of data held by the Clearing House relating to Contracts, the post-trade management of Contracts, allocations from one Clearing Member to another Clearing Member under Rule 401(a)(viii) or Rule 401(e), or to or from a Participating Exchange under Rule 401(a)(xiv) and Rule 410, the transfer of Contracts between any Proprietary Account or Customer Account (or sub-account thereof) of a Clearing Member, position transfers, novations or assignments under Rule 408(a), the service of any notice, the exercise or abandonment of any Option, the closing-out, expiry or termination of any Future or the netting, combining or offsetting of any Contract recorded in a particular account;
 - (iii) is nominated by the Clearing Member (being an **EnergyF&O** Clearing Member) as a Transferee or Transferor for purposes of delivery under an **EnergyF&O** Contract; or
 - (iv) is otherwise duly appointed as an agent of the Clearing Member.

If a Customer or client of a Customer or any of their Representatives would have breached the Rules in respect of any instance listed in (i), (ii), (iii) or (iv) above if it were a Clearing Member, then such Customer, client or Representative or their Clearing Member may be subject to disciplinary proceedings, in which Rule 1003(u) applies. The application of this Rule 102(j) to Customers of CDS Clearing Members (acting in such capacity) is excluded in Rule 1516(d). This Rule 102(j), in as much as it is relevant to conduct relating to FX Data, is subject to the provisions of Rule 1708(a).

In addition, a Clearing Member shall be bound by and responsible for any conduct of or by any of the following Persons (including for purposes of disciplinary proceedings under Part 10; but not for the avoidance of doubt for the purposes of determining any liability of a Clearing Member or Defaulter for losses of the Clearing House or any of its Affiliates or Markets or any of their officers or employees, which liabilities are governed solely by Rule 111 and Rule 905(f)):

- (A) the Clearing Member; and
 - (B) the Clearing Member's Representatives (excluding Customers and their Customers' clients), as if such conduct were the conduct of the Clearing Member itself.
- (k) Pursuant to Rule 102(f), a Clearing Member's liability under clause 3.5 of the Clearing Membership Agreement shall be limited by Rules 102(j) and 1516(d), as applicable.
- (l) Any capitalised term used in these Rules that is not defined in Rule 101 or elsewhere herein shall have the meaning given to it (in order of priority) in the Procedures, the Clearing House's standard form Clearing Membership Agreement, ~~the ICE Futures Europe Rules or ICE Futures US Rules, as appropriate, and the standard form ICE OTC Participant Agreement~~ and any relevant Market Rules.
- (m) Each of the Rules shall, unless the context otherwise requires, be construed as an independent provision and shall be in addition and without prejudice to any other provision of the Rules.
- (n) If any provision of these Rules (or part of any provision) is found by any court or other Governmental Authority to be invalid, illegal or unenforceable, that provision or part-provision shall, to the extent required, be deemed not to form part of the Rules, and the validity, legality or enforceability of the other provisions of these Rules shall not be affected.
- (o) The Rules, together with the applicable Clearing Membership Agreement and other documents given contractual force pursuant to these Rules, form a contract between the Clearing House and each Clearing Member. All obligations of the Clearing House hereunder are solely to Clearing Members. No Person other than the Clearing House has any obligation to Clearing Members pursuant to these Rules except as expressly provided in any provisions of these Rules or the Procedures purporting to create or define rights and obligations as between Clearing Members, between Clearing Members and their Customers or between Customers (each a "**Bilateral Obligation**"). Subject to any Bilateral Obligation in respect of which the relevant Clearing Members or Customers (as applicable) shall have the right to enforce the provisions of these Rules or Procedures against each other, no Person shall have any right pursuant to the Contract (Rights of Third Parties) Act 1999 to enforce any provision of these Rules or the Procedures.
- (p) Any matter or right stated to be in, of or at the Clearing House's discretion shall be subject to the Clearing House's sole, unfettered and absolute discretion and such discretion may be exercised at any time. Where there is a provision that the Clearing House (or its Directors, officers or committees) may make further directions upon or in relation to the operation of a Rule or may make or authorise any arrangement, direction or procedure thereunder, the Clearing House may make such direction or make or authorise such arrangement or procedure in relation to or under the whole or any part of the Rule and may make or authorise different directions, arrangements or procedures in relation to different Clearing Members and may make or authorise such directions,

- (iv) proper protection for all Persons interested in the performance of Contracts.

To the extent that the Clearing House or any Clearing Member has any right under these Rules which may on its face be performed in a manner that goes beyond that which is permitted by Applicable Law, that right may only be exercised to the extent permitted under Applicable Law.

- (s) Subject to Rule 1608, these Rules and each Contract shall be governed by and construed in accordance with the laws of England and Wales.
- (t) These Rules may be supplemented by processes established pursuant to documents governing the internal governance of the Clearing House and its committees.
- (u) References in these Rules to UK or English legislation or European Directives shall be interpreted as references to such legislation as implemented in England ~~&~~and Wales, including by the relevant Governmental Authorities. References in these Rules to U.S. federal or state legislation or regulation shall be interpreted as references to such legislation or regulation as implemented in the U.S. including by the relevant U.S. Governmental Authorities.
- (v) Notwithstanding Rule 102(o), nothing in these Rules shall preclude a Customer or any other Person from agreeing to the application of these Rules or any provision of these Rules in their agreements with any Clearing Member or third party, in which case the Clearing House shall be entitled to enforce any provision of these Rules (including, without limitation, Rule 111) as a third party with rights pursuant to the Contract (Rights of Third Parties) Act 1999.

Rule 103 *Delay in performance by the Clearing House*

Subject to the provisions of the Contract Terms and further subject as set out in the Procedures, where an obligation of the Clearing House must be performed immediately, promptly or by or prior to a specified time or date but is not so performed, the Clearing House shall not be in breach of these Rules if, having used all reasonable endeavours to perform such obligation by such specified time or date, it performs the relevant obligation promptly after such specified time or date.

Rule 104 *Invoicing Back and Specification of Terms*

- (a) The Clearing House shall have the right in consultation with the relevant Market (if any), to Invoice Back a Contract with a Clearing Member, including a Contract that is subject to delivery or tender, upon the occurrence of a Force Majeure Event or a Financial Emergency, provided that the Invoicing Back is, subject to Rule 109(c), approved in advance by an affirmative vote of the Board at a quorate meeting, at which meeting the facts giving rise to the Force Majeure Event or the Financial Emergency, as the case may be, will be considered and the meeting shall decide whether it would be appropriate to use this Invoicing Back power, and provided further that the use of this power will be undertaken subject to any processes established pursuant to documents governing the internal governance of the Clearing House and its committees.

- (b) The Clearing House shall have the right in consultation with the relevant Market, to specify or over-ride the price or other terms of any [EnergyF&O](#) Contract or [EnergyF&O](#) Transaction, subject to any processes established pursuant to documents governing the internal governance of the Clearing House and its committees. Other than in circumstances in which Rule 209(c)(iii) applies, the Clearing House shall have the right to specify or over-ride the price or other terms of any FX Contract, subject to any processes established pursuant to documents governing the internal governance of the Clearing House and its committees and provided that the Clearing House's rights under this Rule 104(b) may not be applied for the purpose of changing the amount of any liability of the Clearing House to a Defaulter (or deemed defaulter) or to an FX Clearing Member which would be a Defaulter on the making of the relevant declaration by the Clearing House under Rule 901(a) or of any liability of any Defaulter (or deemed defaulter) or any such FX Clearing Member to the Clearing House.
- (c) Provided that any power exercised under this Rule 104 is exercised in accordance with its terms, any Invoicing Back, specification or over-riding by the Clearing House shall be final and binding for the purposes of these Rules and not be subject to challenge by any Person under these Rules or otherwise, except in the case of manifest error, negligence or fraud.
- (d) Where the Clearing House deems it necessary to exercise its powers under paragraph (a) or (b) above, it will do so in good faith and in accordance with Rule 102(r).
- (e) The Clearing House will not exercise its powers under paragraph (a) or (b) to avoid or amend the terms of any Contract to which a Clearing Member is party unless there is an objective justification for it doing so and such an approach is applied objectively. The price at which any Invoicing Back is executed shall be determined in a commercially reasonable manner.

Rule 105 *Termination*

- (a) If at any time the Clearing House decides to cease acting as a clearing house, either generally, in relation to a particular Exchange or in relation to a class of Contracts, it shall give all Clearing Members advance notice of the proposed Withdrawal Date by Circular. In the event of a complete cessation of services or of services in relation to a particular Exchange or any class of Contracts, at least four months' notice shall be necessary. In any other event for which there is a Withdrawal Date, at least one month's notice shall be necessary. The Clearing House shall be entitled to postpone any such Withdrawal Date, generally or in respect of any individual Clearing Member, Exchange or class of Contract.
- (b) If, at any Withdrawal Date, any affected Contracts have not been finally settled, the Clearing House shall be entitled to terminate any or all such Contracts and require any such Contracts to be cash settled on terms specified by the Clearing House in accordance with Rule 104.

- (iv) any Force Majeure Event affecting the Clearing House (including, in relation to a delivery, a Force Majeure Event affecting a Person making or taking delivery on behalf of the Clearing House);
- (v) any dispute relating to the validity, existence or terms of any Contract;
- (vi) the exercise (or failure to exercise) by the Clearing House of any discretion or right conferred upon it pursuant to these Rules;
- (vii) the exercise (or failure to exercise) by any Exchange of any discretion or right conferred upon it pursuant to its rules (including, without limitation, in relation to error trades);
- (viii) any indirect or consequential loss, liability, damage, injury, cost or expense, any loss of profit (whether direct or indirect) or any loss of bargain;
- (ix) any action in libel, defamation or slander in connection with the issue of any Default Notice, conduct of any proceedings relating to an Event of Default, the timing of termination of any Contracts or the manner in which or the price at which any Contracts are terminated following an Event of Default;
- (x) rejection of any application to become a Clearing Member;
- (xi) any Contract being void pursuant to Rule 403 or avoided pursuant to Rule 404, including (without limitation) the causes and consequences of such Contract being void or voidable;
- (xii) any action or inaction on the part of a Transferor or Transferee;
- (xiii) in respect of a Contract subject to tender, delivery or physical settlement:
 - (A) a tender given by the Clearing House;
 - (B) any documents accompanying a tender as required by Market Rules or the Procedures;
 - (C) the performance by the Clearing House of its obligations to make delivery of a ~~Commodity~~ Deliverable or Investment under a Contract or to pay the price or settlement price; or
 - (D) any other loss, liability, damage, injury, cost or expense arising under the terms of a Contract in relation to tender, delivery or physical settlement,

unless, the relevant Clearing Member gives notice of its loss, liability, damage, injury, cost or expense within seven Business Days of either the day on which relevant documents must be taken up and paid for by the Clearing Member (whether or not the Clearing Member fulfils that obligation) or the Clearing

Member must take delivery of the [Commodity Deliverable](#) or Investment, whichever is the earlier;

- (xiv) as a result of any action taken by it pursuant to Market Rules on the basis that Market Rules are to any extent invalid or *ultra vires* or that a determination or request made by the Market or any agreement made by the Market, is *ultra vires* or incompatible with Market Rules;
- (xv) any express or implied representations or warranties in relation to the Clearing House's systems, including, but not limited to, representations or warranties of good title, merchantability and fitness for purpose or for a particular use;
- (xvi) any statement, representation, assurance or warranty of the Clearing House or any other Person other than as expressly set out in the Rules, Contract Terms or Clearing Membership Agreement; or
- (xvii) any action, suit or proceeding brought against the Clearing House over one year after the time that a cause of action, suit or proceeding has accrued,

provided that neither this Rule 111(c) nor any other provision of these Rules shall affect the application of section 291 of the FSMA nor shall exclude or restrict the liability of the Clearing House or any other Person for:

- (xviii) fraud, bad faith or wilful misconduct;
 - (xix) personal injury or death resulting from negligence, recklessness, or an intentional act or omission;
 - (xx) obligations under Contracts (except that, other than as provided in Part 7, the terms of CDS Contracts, Part 15, the terms of FX Contracts, Part 17, and the Procedures, the Clearing House shall have no obligation physically to make or accept delivery of any [Commodity Deliverable](#) or Investment and shall have no liability arising out of the failure or lateness of another Clearing Member (or its Transferor or Transferee) physically to make or accept any such delivery or make any such payment); or
 - (xxi) any liability which in accordance with Applicable Laws cannot be excluded, to the extent such liability cannot lawfully be excluded.
- (d) Any possible action, suit or proceeding against the Clearing House must be notified to the Clearing House as soon as reasonably practicable, including all relevant details then known and supporting documentation.
 - (e) Due to ICE OTC not being a 'designated contract market' regulated under Applicable Laws in the United States of America, there may be result in additional risks, losses or liabilities for Clearing Members that are authorised to clear ICE OTC Contracts. Save as described in Rule 111(c)(xviii)-(xxi), the Clearing House shall not be liable to any Person

Part 2 Clearing Membership

Rule 201 *Clearing Membership Criteria*

- (a) In order to attain and maintain membership as a Clearing Member, a Person must, at a minimum, as from the date on which it is proposed that it becomes a Clearing Member:
- (i) have paid the Clearing House's (non-refundable) application fee (if applicable) and provided completed membership application forms;
 - (ii) (if proposing to become a Clearing Member in relation to ICE Futures Europe Transactions) be a member of ICE Futures Europe;
 - (iii) (if proposing to become a Clearing Member in relation to ICE Futures US Transactions) ~~to~~ be a member of ICE Futures US;
 - (iv) (if proposing to become a Clearing Member in relation to ICE OTC Transactions) be an ICE OTC Participant or an Affiliate of an ICE OTC Participant;
 - (v) [\(if proposing to become a Clearing Member in relation to LIFFE Transactions\) be a member of LIFFE;](#)
 - (vi) ~~(v)~~ have nominated a Person, satisfactory to the Clearing House, who is (A) a director, general partner, trustee or officer of the applicant (or Person occupying a similar status or performing similar functions), (B) responsible for the clearing operations of the applicant and (C) authorised to act on behalf of the applicant in all transactions with or involving the Clearing House, and have nominated a second Person who meets the requirements of (A) above and is authorised to act on behalf of the applicant in the event of the death, incapacity or other inability of the first Person to so act;
 - (vii) ~~(vi)~~ maintain and, where applicable, procure that all of its Designated Controllers maintain, sufficient Capital in accordance with Rule 206;
 - (viii) ~~(vii)~~ where a Controller Guarantee is or is to be provided by a Designated Controller, procure that the Controller Guarantee is executed in such form and delivered in such manner as the Clearing House may prescribe from time to time;
 - (ix) ~~(viii)~~ be party to a Clearing Membership Agreement with the Clearing House;
 - (x) ~~(ix)~~ have in place all necessary regulatory authorisations, licences, permissions and approvals in its country of origin, the UK and any other jurisdiction in which it conducts business;
 - (xi) ~~(x)~~ be fit and proper, have sufficient qualities of financial responsibility, operational capacity, business integrity, reputation and competence as the Clearing House, in its discretion, considers necessary or appropriate and satisfy

the Clearing House that its directors, officers and Controllers also satisfy such tests;

- [\(xii\)](#) ~~(xi)~~ have such facilities, equipment, operational capability, personnel, hardware and software systems as are capable of supporting the proper performance of its business as a Clearing Member, including such IT links to the Clearing House and software as in the judgment of the Clearing House are necessary or desirable;
- [\(xiii\)](#) ~~(xii)~~ have in place business continuity procedures that satisfy the Clearing House's minimum requirements;
- [\(xiv\)](#) ~~(xiii)~~ have a sufficient level of knowledge about the types of Contracts that it intends to clear and any risks involved in relation to the same;
- [\(xv\)](#) ~~(xiv)~~ have demonstrated its ability to make available to the Clearing House sufficient Margin and make Margin payments as required pursuant to these Rules;
- [\(xvi\)](#) ~~(xv)~~ have made the required Guaranty Fund Contributions;
- [\(xvii\)](#) ~~(xvi)~~ not be subject to an Insolvency;
- [\(xviii\)](#) ~~(xvii)~~ be either a Person that is not a natural person or a Person that is subject to business taxation for the purposes of Council Directive 2003/48/EC on the taxation of savings income in the form of interest payments;
- [\(xix\)](#) ~~(xviii)~~ if it is a Clearing Member in respect of ICE OTC Transactions, be an 'eligible commercial entity' (as defined in Section 1a(11) of the U.S. Commodity Exchange Act) or an 'eligible contract participant' (as defined in Section 1a(12) of the U.S. Commodity Exchange Act);
- [\(xx\)](#) ~~(xix)~~ not be subject to any circumstances pursuant to which an Event of Default could be declared were the applicant to be a Clearing Member;
- [\(xxi\)](#) ~~(xx)~~ have provided details of an office which is staffed during normal business hours and sufficient for its proposed activities as a Clearing Member under the direct supervision and responsibility of an executive officer of the Clearing Member (who need not be physically located at such office) to which all notices, orders and other communications from the Clearing House may be transmitted or delivered;
- [\(xxii\)](#) ~~(xxi)~~ satisfy the Clearing House that it, its officers, directors and Controllers would each meet the requirements for an 'approved person' (for individuals) or 'controller' (for partnerships, companies and other bodies corporate) under the FSA Rules;
- [\(xxiii\)](#) ~~(xxii)~~ hold a Nominated Bank Account or Accounts (as necessary) at an Approved Financial Institution or Institutions in relation to each of which a direct debit mandate has been established in favour of the Clearing House;

(xxiv) ~~(xxiii)~~ if non-cash assets are to be used as Permitted Cover, have executed all necessary documentation relating to the transfer of such assets and not be in dispute with the Clearing House in relation to the ownership over or rights relating to such non-cash assets;

(xxv) ~~(xxiv)~~ either (A) be a Person in respect of whom 'simplified due diligence' may be applied pursuant to the Money Laundering Regulations 2007; or (B) have been subject to customer due diligence measures under the Money Laundering Regulations 2007 to the Clearing House's satisfaction;

(xxvi) ~~(xxv)~~ be organised (and any relevant branch or establishment outside its home jurisdiction must be organised) in a jurisdiction whose insolvency laws are acceptable to the Clearing House, and comply with any additional restrictions or requirements imposed by the Clearing House as a result of activities in any such jurisdictions; and

(xxvii) ~~(xxvi)~~ not be subject to statutory disqualification under Applicable Law.

- (b) The Clearing House may at its discretion attach further objective conditions to any application for Clearing Member status prior to such status being granted. The Clearing House may grant approval to an applicant conditional upon satisfying certain requirements, provided that the applicant has expressed its intention to meet such requirements and provided evidence of its ability to do so.
- (c) Applicants for membership must provide information or documentation to the Clearing House evidencing compliance (or lack thereof) with each of the criteria set out in or required pursuant to Rule 201(a), and for CDS Clearing Member applicants only, Rule 201(i), and, in addition, for FX Clearing Member applicants only, Rule 201(j). Failure by an applicant to supply such information or documentation may result in an application being rejected.
- (d) All information supplied to the Clearing House in respect of an application for membership shall be deemed to have been provided by the Clearing Member to the Clearing House on the day on which that Clearing Member becomes a Clearing Member, save to the extent that such information has been amended or revoked at least two Business Days prior to membership being granted.
- (e) If the Clearing House determines that an application for membership should be denied, the applicant will be given notice of such denial. In such an event, the applicant may request an opportunity to be heard by the Clearing House's Board (or an appropriately constituted sub-committee of the Board) in relation to the matter and to present evidence as to why its application should not be denied or may raise a complaint which the Clearing House will deal with in the same way as if Part 10 applied to such complaint (notwithstanding that the Rules do not apply to the complaint).
- (f) Membership of the Clearing House does not entitle any Clearing Member to any shareholding or other similar interest in the Clearing House or any of the Clearing House's Affiliates. Nothing in these Rules is intended to, or shall be deemed to, establish

- (viii) of an Insolvency affecting it or any of its Group Companies (and must provide a copy of such notice to the FSA and the Bank of England pursuant to Part 12);
 - (ix) of any Event of Default affecting it;
 - (x) of any financial or commercial difficulty such as would give rise to a risk of an Event of Default occurring;
 - (xi) of any "early warning" or similar matter required to be notified to the CFTC or SEC under Applicable Law, within the time and in the manner specified in Applicable Law for such notification to such Regulatory Authority;
 - (xii) of any breach by it of any Applicable Law relating to its status and performance as a Clearing Member or of the Rules, including full particulars of the breach; or
 - (xiii) of anything relating to the Clearing Member of which the Clearing House would reasonably expect notice (including of any matter, circumstance, change or occurrence which would cause a statement previously furnished pursuant to this Rule 204, any information supplied in connection with the Clearing Member's application for membership or otherwise to be inaccurate, incomplete or superseded).
- (b) Where a Clearing Member is regulated by the FSA:
- (i) Notifications under Rule 204(a)(i) shall only be required where a change of Control is notifiable to the FSA; and in such cases the Clearing Member should provide the Clearing House contemporaneously with a copy of all submissions sent to the FSA relating to the change of Control; and
 - (ii) Notifications under Rule 204(a)(xiii) (other than notifications of any matter, circumstance, change or occurrence which would cause a statement previously furnished pursuant to this Rule 204, any information supplied in connection with the Clearing Member's application for membership or otherwise to be inaccurate, incomplete or superseded) shall only be required if a notification is also required to the FSA under the Principles for Business in the FSA Rules.

Rule 205 *Financial Reporting*

- (a) Each Clearing Member must file with the Clearing House in relation to the Clearing Member and, if so notified by the Clearing House at its discretion, any Controller:
 - (i) an audited financial statement including profit and loss accounts and balance sheet, with the auditor's report, drawn up in accordance with Applicable Laws and Accounting Standards or otherwise following the requirements of the Clearing House within 90 days of the end of the Clearing Member's or relevant Controller's fiscal year;

Proprietary Account, Non-CDS Customer Account and/or a CDS Customer Account. A Disclosed Principal Member shall be liable as principal to the Clearing House and responsible for all obligations arising in respect of the Proprietary Account referable to the Clearing Member that has appointed it as a Disclosed Principal Member, instead of the Clearing Member. Where the Clearing Member appoints a Disclosed Principal Member, there shall be no Customer Account for either the Clearing Member or the Disclosed Principal Member and the only Proprietary Account shall be that of the Disclosed Principal Member.

- (e) Subject to Market requirements (if any), a Clearing Member may appoint another Clearing Member to perform specific functions, including deliveries, on the first Clearing Member's behalf. In order to do so, the relevant Clearing Members, the Market (if any) and the Clearing House must be party to an agreement pursuant to which the second Clearing Member agrees to perform specific functions detailed in the agreement on behalf of the first Clearing Member. A Clearing Member intending to perform functions for another Clearing Member will represent and warrant to the Clearing House that it has sufficient authorisation under the FSMA and other Applicable Laws to carry on such function.
- (f) [FCM/BD Clearing Members and other Clearing Members that are organised in the United States of America will not be permitted to clear LIFFE Contracts that are futures or options on underlying U.S. securities \(other than futures contracts on broad-based security indices\).](#)

Rule 208 *Suspension of Clearing Member*

- (a) A Clearing Member may be suspended:
 - (i) if one or more of the conditions set out in Rule 209(a) is satisfied;
 - (ii) upon any breach by the Clearing Member of these Rules;
 - (iii) if a Market suspends the Clearing Member or any of its trading privileges;
 - (iv) if the Clearing House at its discretion considers that suspension is necessary to protect the interests of the Clearing House or its Clearing Members (excluding the Clearing Member concerned); or
 - (v) in the event of any Financial Emergency or Force Majeure Event affecting the Clearing Member.
- (b) Any suspension may occur in relation to the Clearing Member's status as a Clearing Member or in respect of certain classes of Contracts or rights of a Clearing Member only. A Clearing Member that has been suspended shall, during the term of such suspension and thereafter, remain and continue to be:
 - (i) subject to and bound by these Rules and any agreements between it and the Clearing House;

- (ii) obliged to pay all fees, fines, assessments or other charges imposed by the Clearing House;
 - (iii) liable pursuant to these Rules for all other obligations arising under Contracts and all obligations incurred before, during or after such suspension including, but not limited to, obligations to transfer, deposit, maintain and pay Margin and make Guaranty Fund Contributions; and
 - (iv) able to undertake such activities of a Clearing Member as are expressly permitted by the Clearing House and required to undertake such activities of a Clearing Member as are required by the Clearing House, in each case subject to compliance with all reasonable instructions of the Clearing House in relation to those activities.
- (c) The Clearing House shall be entitled at its discretion to revoke the suspension of any suspended Clearing Member.
 - (d) The Clearing House may publish details of any suspension or a copy of any suspension notice in or together with a Circular, at its discretion except to the extent that a notice is required by Rule 208(e).
 - (e) The Clearing House will issue a Circular promptly following any suspension of a Clearing Member or the suspension of any Clearing Member's ability to clear Energy Contracts, [LIFFE Contracts](#), [F&O Contracts](#), CDS Contracts or FX Contracts specifying the name of the Clearing Member affected.

Rule 209 *Termination of Clearing Membership*

- (a) The Clearing House shall be entitled to terminate the membership of any Clearing Member immediately upon notice to the Clearing Member:
 - (i) following the occurrence of any Event of Default affecting that Clearing Member;
 - (ii) as a result of disciplinary proceedings brought against that Clearing Member pursuant to Part 10;
 - (iii) upon receipt of notice of termination of the Clearing Member's Clearing Membership Agreement from that Clearing Member;
 - (iv) following any material and unremedied breach by the Clearing Member of these Rules;
 - (v) upon such Clearing Member ceasing to meet, or being unable to satisfy the Clearing House that it is able to meet, any of the membership criteria set out in or required pursuant to Rule 201(a) or, if it is a CDS Clearing Member, Rule 201(i), or, if it is an FX Clearing Member, Rule 201(j); or

- (vi) upon an Insolvency in relation to that Clearing Member or any of its Group Companies.
- (b) The Clearing House shall be entitled to terminate the membership of any Clearing Member upon no less than three months' prior written notice.
- (c)
 - (i) The Clearing Member shall be entitled to terminate its membership of the Clearing House:
 - (A) upon no less than three months' prior written notice to the Clearing House;
 - (B) upon the Insolvency of the Clearing House;
 - (C) pursuant to Rule 1105(h);
 - (D) pursuant to Rule 1106(h); or
 - (E) pursuant to Rule 1107(h).
 - (ii) The membership of a Clearing Member which is a CDS Clearing Member but neither an [EnergyF&O](#) Clearing Member nor an FX Clearing Member shall terminate automatically upon the occurrence of an Insolvency in respect of the Clearing House or Failure To Pay in respect of the Clearing House. The membership of a Clearing Member which is an FX Clearing Member but neither an [EnergyF&O](#) Clearing Member nor a CDS Clearing Member shall terminate automatically upon the occurrence of an FX Failure To Pay in respect of the Clearing House.
 - (iii) In the event of an Insolvency in respect of the Clearing House (in the case of any Clearing Member) or (in the case of a CDS Clearing Member that is neither an [EnergyF&O](#) Clearing Member nor an FX Clearing Member) a Failure To Pay (in the case of a CDS Clearing Member that is neither an [EnergyF&O](#) Clearing Member nor an FX Clearing Member) a Failure To Pay in respect of the Clearing House or (in the case of an FX Clearing Member that is neither an [EnergyF&O](#) Clearing Member nor a CDS Clearing Member) an FX Failure To Pay in respect of the Clearing House or (in the case of a Clearing Member that is an FX Clearing Member and a CDS Clearing Member but not an [EnergyF&O](#) Clearing Member) circumstances which constitute both a Failure To Pay and an FX Failure To Pay in respect of the Clearing House, Rule 912 applies and the rights and liabilities of each Clearing Member under all Contracts will be deemed to be terminated without need for any further step on the part of any party and discharged for the purposes of Rule 906 and a net sum or net sums payable by or to the Clearing Member to or from the Clearing House shall be determined as if each Clearing Member were a Defaulter, in accordance with Rule 906 *mutatis mutandis* and without need for the prior occurrence or declaration of an Event of Default in

relation to such Clearing Member. In circumstances in which this Rule 209(c)(iii) applies:

- (A) Rules 1105, 1106 and 1107 shall only apply where necessary to meet a shortfall resulting from an Event of Default or Events of Default actually declared by the Clearing House pursuant to Rule 901(a) (rather than any Event of Default effectively deemed to occur pursuant to this provision or Rule 912);
 - (B) Rules 901, 902, 903, 904 and 905 shall apply only to Clearing Members that are actually declared subject to an Event of Default (rather than effectively deemed subject to an Event of Default pursuant to this provision or Rule 912);
 - (C) without prejudice to the generality of paragraph (B), Rule 905(c) shall apply only in relation to Contracts the counterparties to which are Clearing Members that are actually declared subject to an Event of Default (and not in relation to Contracts the counterparties to which are Clearing Members that are effectively deemed to be subject to an Event of Default pursuant to this provision);
 - (D) the net sum or net sums required to be determined in these circumstances pursuant to Rule 906 in respect of a Clearing Member that has multiple Membership Categories will be made separately in relation to the rights and liabilities of that Clearing Member for each applicable Membership Category and Rule 906 shall be interpreted accordingly;
 - (E) neither Rule 301(f)(ii)-(iii) nor Rule 301(l) shall apply to payments made or received after the Insolvency or an Event of Default as aforementioned in respect of the Clearing House; and
 - (F) otherwise, Part 9 shall apply *mutatis mutandis* in relation to terminated CDS Contracts and rights, obligations and liabilities relating thereto.
- (iv) If the Clearing House becomes aware of there being or occurring an Insolvency in respect of the Clearing House, the Clearing House will promptly notify the FX Clearing Members that the same has occurred.
- (v) Any Clearing Member terminating its membership of the Clearing House under this Rule 209(c) shall provide notice of termination to the Clearing House.
- (d) This Rule 209(d) applies to a Person that has served a notice of termination, except:
- (A) if the Person is or was an FX Clearing Member but neither a CDS Clearing Member nor an [Energy F&O](#) Clearing Member, in which case Rule 209(g) and Rule 209(h) shall apply and this Rule 209(d) shall not apply; or

- (B) if the Person is or was an FX Clearing Member and is or was also either an **EnergyF&O** Clearing Member or a CDS Clearing Member (or both), in which case Rule 209(g) and Rule 209(h) shall apply but only in respect of those of the rights, obligations or liabilities of the Person relating to FX Contracts, FX Guaranty Fund, FX Assessment Contributions, FX Mark-to-Market Margin, FX Original Margin and otherwise in respect of the Person's status (or former status) as an FX Clearing Member, and this Rule 209(d) shall apply otherwise in relation to the termination of membership of that Person.

In circumstances in which this Rule 209(d) applies, upon any termination of a Clearing Member's membership, the relevant Clearing Member shall remain liable to transfer, deposit, maintain and pay all Margin, make Guaranty Fund Contributions when due and make all other payments due pursuant to Contracts from time to time and shall be obliged to:

- (i) transfer, terminate, make settlement in respect of and/or make delivery (as applicable) pursuant to all Contracts to which it is party in accordance with applicable Contract Terms; and
 - (ii) take such other actions as the Clearing House at its discretion deems appropriate or necessary.
- (e) This Rule 209(e) applies to a Person that has served a notice of termination, except:
- (A) if the Person is or was an FX Clearing Member but neither a CDS Clearing Member nor an **EnergyF&O** Clearing Member, in which case Rule 209(g) and Rule 209(h) shall apply and this Rule 209(e) shall not apply; or
 - (B) if the Person is or was an FX Clearing Member and is or was also either an **EnergyF&O** Clearing Member or a CDS Clearing Member (or both), in which case Rule 209(g) and Rule 209(h) shall apply but only in respect of those of the rights, obligations or liabilities of the Person relating to FX Contracts, FX Guaranty Fund, FX Assessment Contributions, FX Mark-to-Market Margin, FX Original Margin and otherwise in respect of the Person's status (or former status) as an FX Clearing Member, and this Rule 209(e) shall apply otherwise in relation to the termination of membership of that Person.

In circumstances in which this Rule 209(e) applies, any Person who for any reason ceases to be a Clearing Member shall remain and continue to be:

- (i) subject to any arbitration, investigations, panels or proceedings, and provisions of these Rules relating thereto, which relate in whole or in part to any acts or omissions of that Person while it was a Clearing Member;

- (ii) obliged in respect of all fees, fines, charges, payments pursuant to Contract Terms, Margin payments and other amounts due to the Clearing House as a result of Contracts and other obligations entered into or incurred prior to the termination of its status as Clearing Member;
 - (iii) subject to claims against its Guaranty Fund Contributions until the Clearing House returns such Guaranty Fund Contributions in accordance with Part 11; and
 - (iv) obliged to pay any Assessment Contribution for which it is liable pursuant to Part 11.
- (f)
- (i) A Clearing Member which has multiple Membership Categories (or which clears both Energy Contracts and LIFFE Contracts) shall be entitled to terminate its status as an Energy Clearing Member, LIFFE Clearing Member, F&O Clearing Member, CDS Clearing Member and/or an FX Clearing Member:
 - (A) upon no less than three months' prior written notice to the Clearing House;
 - (B) upon the Insolvency of the Clearing House;
 - (C) in the case of EnergyF&O Clearing membership, pursuant to Rule 1105(i);
 - (D) in the case of CDS Clearing membership, pursuant to Rule 1106(i); or
 - (E) in the case of FX Clearing membership, pursuant to Rule 1107(i).
 - (ii) If a CDS Clearing Member has multiple Membership Categories, its status as a CDS Clearing Member shall terminate automatically upon the occurrence of an Insolvency in respect of the Clearing House or Failure To Pay in respect of the Clearing House.
 - (iii) If an FX Clearing Member has multiple Membership Categories, its status as an FX Clearing Member shall terminate automatically upon the occurrence and continuance of an FX Failure To Pay in respect of the Clearing House.
 - (iv) Rule 209(c)(iii), Rule 209(c)(iv), Rule 209(d), Rule 209(e), Rule 209(g) and Rule 209(h) shall apply *mutatis mutandis* in relation to any termination described in this Rule 209(f), as regards EnergyF&O Contracts, CDS Contracts or FX Contracts (whichever the Clearing Member proposes to cease to clear or ceases to clear, as applicable) and Clearing related thereto only.
- (g) If an FX Clearing Member serves notice of termination of its membership under Rule 209(c)(i)(A) or termination of FX Clearing membership under Rule 209(f)(i)(A) (other than if there is a termination pursuant to Rule 209(c)(i)(B) or the second sentence of Rule 209(c)(ii), Rule 209(f)(i)(B) or Rule 209(f)(iii)) it must use all reasonable endeavours, until such time as there is a subsequent Insolvency or FX Failure To Pay in respect of the

- (i) subject to any arbitration, investigations, panels or proceedings, and provisions of these Rules relating thereto, which relate in whole or in part to any acts or omissions of that Person while it was a Clearing Member;
 - (ii) bound to the Clearing House to perform all and any obligations and liabilities (which either have not been performed or have fallen due but are unpaid) resulting from its status as an FX Clearing Member, including obligations and liabilities relating to: fees, fines, charges, payments pursuant to Contract Terms for FX Contracts, obligations to pay FX Guaranty Fund Contributions (subject always to Rule 209(g), Rule 1107(h) and Rule 1107(i)), obligations to pay FX Assessment Contributions (subject always to Rule 209(g), Rule 1107(h) and Rule 1107(i)), FX Original Margin payments and FX Mark-to-Market Margin payments; and
 - (iii) subject always to Rule 1107(h) and Rule 1107(i), in a position such that its FX Guaranty Fund Contributions may be applied in accordance with Part 11, until such time as the Clearing House returns such FX Guaranty Fund Contributions in accordance with Part 11 and Rule 209(g)(ii)(B).
- (i) The Clearing House may publish details of any termination or a copy of any termination notice in or together with a Circular, at its discretion except to the extent that a notice is required by Rule 209(j).
 - (j) The Clearing House will issue a Circular promptly following any termination of membership of a Clearing Member or the termination of any Clearing Member's ability to clear Energy Contracts, [LIEFE Contracts](#), [F&O Contracts](#), CDS Contracts or FX Contracts, specifying the name of the Clearing Member affected.

Part 3 Financial Requirements and Payments

Rule 301 Fees, Margin, Contract and other payment obligations

- (a) Clearing Members shall be liable to pay such fees and charges as are levied by the Clearing House in accordance with published rates from time to time. Unless otherwise provided and without limitation, fees shall be payable on each Contract cleared by the Clearing House and the Clearing House shall be entitled to levy fees in respect of Permitted Cover. The Clearing House may amend its fees and charges and the bases for its fees at any time and will notify Clearing Members of any such amendments by means of a Circular prior to the same taking effect.
- (b) Fees charged to Clearing Members by the Clearing House may include the fees of any one or more Markets. The Clearing House shall be entitled to collect fees due from Clearing Members on behalf of all Markets of which a Clearing Member is a member or participant.
- (c) Clearing Members shall be liable to make any payment to the Clearing House that is required pursuant to these Rules at the time and in the amount specified by the Rules or required in accordance with the Rules. In particular, Clearing Members shall be liable to make payment in respect of Margin and Guaranty Fund Contributions from time to time in accordance with Part 5, Part 6 and Part 11 of the Rules at the times and in the amounts that are required pursuant to the instructions of the Clearing House made pursuant to Rule 302.
- (d) Clearing Members shall be liable to pay all amounts due under the Contract Terms, upon entering into a Contract, as Margin and upon delivery or settlement, as further described in these Rules and the Contract Terms at the time and in such amounts as are required pursuant to the Contract Terms. Without prejudice to the generality of the foregoing:
 - (i) in relation to each [EnergyF&O](#) Contract that is a Future, the parties to such Contract shall be liable to make such payments upon settlement and delivery as are required pursuant to Part 7, the Contract Terms, the Delivery Procedures and the Finance Procedures;
 - (ii) in relation to each [EnergyF&O](#) Contract that is an Option, the parties to such Contract shall be liable to make such payments as are required pursuant to Part 8, the Contract Terms, the Delivery Procedures and the Finance Procedures;
 - (iii) in relation to each CDS Contract, the parties to such Contract shall be liable to make such payments as are required pursuant to Part 15 and the Procedures; and
 - (iv) in relation to each FX Contract, the parties to such Contract shall be liable to make such payments as are required pursuant to Part 17 and the Procedures.
- (e) Each Clearing Member will procure that the Clearing House has at all times the right to instruct that Clearing Member's Approved Financial Institution to debit its Nominated Proprietary Bank Accounts and Nominated Customer Bank Accounts (if any) and any

Part 4 Clearing Mechanism

Rule 401 *Formation of Contracts*

- (a) Subject to Rule 403 and Rule 404, two Contracts shall arise automatically, one between the Selling Clearing Member and the Clearing House and the other between the Clearing House and the Buying Clearing Member (or a single Contract shall arise between the Clearing House and a Clearing Member where applicable in the case of Rule 401(a)(vi) or (x)), at the moment that:
- (i) in the case of any ICE Futures Europe Matched Transaction ~~or ICE Futures US Matched Transaction~~ or LIFFE Matched Transaction, the relevant orders are matched on ICE Futures Europe ~~or ICE Futures US~~ or LIFFE, respectively;
 - (ii) in the case of any ICE OTC Matched Transaction, the relevant orders are matched on ICE OTC in an instance in which, in accordance with relevant ICE OTC Participant Agreements, any relevant ICE OTC Broker Agreement and the Clearing Procedures, the Transaction is to proceed to clearing;
 - (iii) in the case of any ICE Futures Europe Block Transaction ~~or ICE Futures US Block Transaction~~ or LIFFE Block Transaction; ICE Futures Europe ~~or ICE Futures US~~ or LIFFE, respectively, receives and has recorded on its system complete data in respect of the Transaction;
 - (iv) in the case of any ICE OTC Block Transaction, the ICE OTC Operator receives complete data in respect of the Transaction in an instance in which, in accordance with relevant ICE OTC Participant Agreements, any relevant ICE OTC Broker Agreement and the Clearing Procedures, the Transaction is to proceed to clearing;
 - (v) in the case of Transactions generated by ICE Futures Europe, ICE Futures US ~~or ICE OTC Operator~~ or LIFFE as a result of the operation of their contra trade, error trade, invalid trade, cancelled trade, trade correction, error correction or similar policies and rules ~~and/or~~ procedures relating thereto or otherwise, upon notice of the final terms of the Transaction being received by the Clearing House;
 - (vi) in the case of a Contract that is formed as a result of another Contract being Invoiced Back by the Clearing House, immediately upon notice of the existence and final terms of the new Contract being given by the Clearing House to the Clearing Member affected;
 - (vii) in the case of a Contract (including a Contract of Sale) that forms as a result of an Option being exercised in accordance with Part 8, immediately upon such exercise taking effect pursuant to Part 8;
 - (viii) in the case of an EnergyF&O Contract that is allocated by one Clearing Member to another Clearing Member by agreement of both Clearing Members subsequent to that EnergyF&O Contract arising but on the same day as that on which such

Contract arose, upon both such Clearing Members having recorded their agreement to such allocation on the Clearing House's systems;

- (ix) in the case of a CDS Contract (other than a CDS Contract arising pursuant to Rule 401(a)(x)), the time specified pursuant to the CDS Procedures occurs for the acceptance of CDS Contracts on any day, provided that no such CDS Contract shall arise unless the Clearing House has provided an acceptance notice to the Buying Clearing Member and Selling Clearing Member in accordance with the Procedures in relation to the CDS Contract;
 - (x) in the case of a CDS Contract arising under Rule 905(c), the time specified by the Clearing House for the entry into of the relevant CDS Contract occurs, provided that the Clearing House has given notice to the relevant CDS Clearing Member of the particulars of the CDS Contract involved and the price or Initial Payment at which such CDS Contract will be recorded on the Clearing House's books and records;
 - (xi) in the case of a CDS Contract arising following the submission of end-of-day prices by a Clearing Member pursuant to Rule 503(g), at the time specified by the Clearing House for the entry into of the relevant CDS Contract, provided that (A) the Clearing House has given notice to the relevant CDS Clearing Member of the particulars of the CDS Contract involved and the price or Initial Payment at which such CDS Contract will be recorded on the Clearing House's books and records in accordance with the CDS Procedures; and (B) no such CDS Contract shall arise unless the Clearing House has provided an acceptance notice to the Buying Clearing Member and Selling Clearing Member in accordance with the CDS Procedures in relation to the CDS Contract;
 - (xii) in the case of an FX Contract (other than an FX Contract arising pursuant to Rule 401(a)(vi)), the time specified pursuant to the Procedures occurs for the acceptance of the FX Contract, provided that no such FX Contract shall arise unless the Clearing House has provided an acceptance notice to the Buying Clearing Member and Selling Clearing Member in accordance with the Procedures in relation to the FX Contract; ~~and~~
 - (xiii) in the case of a Contract arising under Rule 404(c)(i), at the time of execution of relevant documentation or otherwise when a replacement Contract arises in accordance with that provision; and
 - (xiv) in the case of a Contract opposite to a Linked Outgoing Contract arising under Rule 410(d) on confirmed receipt by the relevant Participating Exchange, or in the case of a Linked Incoming Contract arising under Rule 410(e), on confirmed receipt by the Clearing House, in either case of the relevant transfer, as detailed further in Rule 410(d) or (e) as applicable.
- (b) For Energy F&O Contracts only, a contract or contracts shall arise between the Clearing House and the Buyer and/or the Clearing House and the Seller at the moment that an

alternative delivery is agreed in respect of a Contract where, pursuant to the Clearing Procedures and Market Rules, a new collateral contract arises as a result of the alternative delivery being agreed, at the time and subject to the conditions and effects on existing Contracts specified in the Clearing Procedures.

- (c) Other than as specifically set out in the CDS Procedures, the Clearing House shall be entitled to rely conclusively on the accuracy and authenticity of any and all information and data regarding any Transaction or CDS Trade Particulars submitted to the Clearing House by or on behalf of a Market, Exchange, Deriv/SERV, Trade Processing Platform, data entry facility for FX Transactions, Clearing Member or Representative of a Clearing Member, whether or not a Clearing Member or Representative in fact authorised the submission of such information or the details so submitted.
- (d) In the case of a new Contract that forms as a result of another Contract being Invoiced Back pursuant to Rule 401(a)(vi), the new Contract shall be on the same terms as the original Contract, except that the roles of Buying Clearing Member and the Clearing House or, as the case may be, the Selling Clearing Member and the Clearing House shall be reversed and the Clearing House shall be entitled, at its discretion, to determine the price or Initial Payment at which the Contract was bought or sold and any delivery or settlement price.
- (e) In the case of a Contract that forms as a result of another Contract being subject to allocation pursuant to Rule 401(a)(viii), the new Contract shall be on the same terms as the original Contract, except that the identity of the Clearing Member shall be different, in accordance with the allocation instructions received by the Clearing House. The Clearing Member that was party to the original Contract and the Clearing House shall each automatically and immediately be released and discharged from all their rights, liabilities and obligations in respect of the original Contract upon formation of the new Contract.
- (f) Upon request by the Clearing House, a Clearing Member shall promptly confirm or otherwise notify the details of any Contract, Transaction or CDS Trade Particulars to the Clearing House in such form and manner as the Clearing House requests. Any such confirmation or notification shall not of itself affect the status or terms of any Contract.
- (g) Each Clearing Member shall promptly and accurately designate each new Contract (in the case of CDS Contracts through the submission of CDS Trade Particulars and in the case of [Energy F&O](#) Contracts through the ICE Systems) in accordance with Applicable Laws as: (i) related either to its Proprietary Position Account or one of its Customer Position Accounts (if any); and (ii) in the case of CDS Contracts as related to a particular CDS Sub-Account or in the case of Non-CDS Contracts to any relevant sub-account in the ICE Systems. If a Clearing Member becomes aware of any event or circumstance which results in any designation previously made by it under this Rule 401(g) having been incorrect or requiring amendment, it shall provide a further designation to the Clearing House, specifying any required transfers between accounts or sub-accounts which, if acted upon by the Clearing House, would result in any Contract affected by such event or circumstance being correctly designated as for the appropriate Proprietary

Position Account or Customer Position Account, CDS Sub-Account (if applicable) and sub-account in the ICE Systems (if applicable). The Clearing House shall be entitled to act and shall (subject, in the case of any transfers, to the requirements of Rule 408(a)) act upon such designations by Clearing Members in recording Contracts in the Proprietary Position Account, Customer Position Account, CDS Sub-Account or other sub-account designated by the Clearing Member from time to time, without the need for any further enquiry on the part of the Clearing House.

(h) Where a Clearing Member has appointed a Disclosed Principal Member, the Disclosed Principal Member shall be the Buying Clearing Member or the Selling Clearing Member (as applicable) instead of the relevant Clearing Member in respect of all Contracts arising under this Rule 401 to which that Clearing Member would, but for the requirements of this Rule 401(h), otherwise be party. All provisions of these Rules relating to Contracts shall be construed accordingly.

(i) In order for a Contract to arise pursuant to:

(i) Rule 401(a)(i), (ii), (iii), (iv), (v), (vii) or (viii); or

(ii) Rule 401(a)(vi) in relation to an Energy Contract,

the Clearing Member in question must be an Energy [Clearing Member and an F&O Clearing Member](#).

[In order for a Contract to arise pursuant to:](#)

[\(iii\) Rule 401\(a\)\(i\), \(ii\), \(iii\), \(iv\), \(v\), \(vii\), \(viii\) or \(xiv\); or](#)

[\(iv\) Rule 401\(a\)\(vi\) in relation to a LIFFE Contract.](#)

[the Clearing Member in question must be a LIFFE Clearing Member and an F&O Clearing Member.](#)

(j) In order for a Contract to arise pursuant to:

(i) Rule 401(a)(ix), (x) or (xi); or

(ii) Rule 401(a)(vi) or 401(a)(xiii) in relation to a CDS Contract,

the Clearing Member in question must be a CDS Clearing Member.

(k) In order for a Contract to arise pursuant to:

(i) Rule 401(a)(xii); or

(ii) Rule 401(a)(vi) or Rule 401(a)(xiii) in relation to an FX Contract,

the Clearing Member in question must be an FX Clearing Member.

- (l) On each occasion that the Clearing House gives notice in relation to a CDS Contract pursuant to Rule 401(a)(ix), (x) or (xi), each affected Clearing Member, Customer and the Clearing House, as applicable, must submit (and the Clearing House shall be authorised to submit), in accordance with the CDS Procedures, the terms of the CDS Trade Particulars or CDS Contract (and Customer-CM CDS Transaction, where applicable) to Deriv/SERV or another service specified by the Clearing House. Such submissions shall include identical terms as the original submission for clearing of the CDS Trade Particulars or the CDS Contract arising under Rule 401(a)(x) or (xi), as applicable, adjusted to take into account netting and aggregation of CDS Contracts pursuant to Rule 406.
- (m) Where an [EnergyF&O](#) Contract arises pursuant to Rule 401 as a result of trading, submission of trade data or other action by or relating to a Customer of a Non-FCM/BD Clearing Member, an opposite corresponding contract shall arise between the Customer and that Clearing Member (and may be void or voided) and further corresponding contracts may arise between Customers in the manner specified by and in accordance with:
- (i) in the case of Energy Contracts arising as a result of ICE Futures Europe Transactions, the ICE Futures Europe Rules; ~~or~~
 - (ii) in the case of Energy Contracts arising as a result of ICE OTC Transactions, the Clearing Procedures; or
 - (iii) in the case of LIFFE Contracts arising as a result of LIFFE Transactions, the LIFFE Rules.
- (n) Where a CDS Contract arises pursuant to Rule 401 as a result of submission of CDS Trade Particulars referencing the Customer Account of a Clearing Member, a Customer-CM CDS Transaction shall arise (or, any previously existing transaction shall be amended and restated in the form of a Customer-CM CDS Transaction) between the Customer and that Clearing Member.
- (o) When a Clearing Member enters into any Contract, it may do so in only one of the following capacities:
- (i) if it is an FCM/BD Clearing Member, as a clearing member in relation to a transaction or transactions connected with the provision of services to one or more Non-DCM/Swap Customers, in which case the Contract shall be designated by the Clearing Member in accordance with Rule 401(g) as for the Non-DCM/Swap Customer Account and recorded by the Clearing House in accordance with such designation;
 - (ii) if it is an FCM/BD Clearing Member, as a clearing member in relation to a transaction or transactions connected with the provision of services to one or more DCM Customers, in which case the Contract shall be designated by the Clearing Member in accordance with Rule 401(g) as for the DCM Customer

under the Contract as set forth in Part 16, regardless of the validity of any obligations in respect of the Contract to which the Customer is or was intended to be bound.

Rule 403 *EnergyF&O Contracts that are Void from Inception*

- (a) No **EnergyF&O** Contract will arise (it being void *ab initio*) and the Clearing House shall have no obligation or liability to any Person in respect of a Transaction for which incomplete, erroneous or conflicting details are received by the relevant Market.
- (b) In the event of an **EnergyF&O** Contract being void:
 - (i) the Clearing House shall immediately notify the affected Clearing Members and any relevant Market;
 - (ii) all amounts paid pursuant to the purported **EnergyF&O** Contract shall be returned by the affected Clearing Member and the Clearing House to their respective contractual counterparties, in each case without interest;
 - (iii) any Transaction Rights or Obligations shall be deemed never to have been affected by Rule 402(b).
- (c) Nothing in this Rule 403 of itself is intended to result in any Transaction or Transaction Rights or Obligations being void or voided as between the original parties thereto.

Rule 404 *Contracts that are Voidable*

- (a) In relation only to **EnergyF&O** Contracts, the Clearing House shall have the discretion to avoid any Contract (which is not void *ab initio* pursuant to Rule 403) if the relevant Contract or Transaction (or related information or data received by the Clearing House, as applicable) whether in whole or in part:
 - (i) conflicts or appears to conflict with information received by the Clearing House in relation to such Contract or Transaction from another source, including (without limitation) information received from a Market, Exchange, any other Clearing Member or any Governmental Authority;
 - (ii) results or appears to result from a communications or information technology error or problem;
 - (iii) is or appears to be connected with fraud, illegality, insider dealing, market abuse, money laundering or any other breach of Applicable Laws;
 - (iv) is or appears to be a result of a Force Majeure Event;
 - (v) is one which any Governmental Authority or any Market requires or requests in writing that the Clearing House treat as void or voided;

- (vi) is one which any Applicable Law provides is void or voided or which any Applicable Law requires the Clearing House to treat as void or voided;
- (vii) is one in respect of which the Clearing House has requested additional Margin or Permitted Cover from the Clearing Member and no Margin or Permitted Cover is provided by the time required;
- (viii) was entered into in breach of a representation by a Clearing Member arising under the Rules or the Procedures;
- (ix) is otherwise made or received in such circumstances or in such a manner that acceptance of the Contract or Transaction would be inadvisable, in the opinion of the Clearing House, for the Clearing House's own protection, the protection of Clearing Members generally, [Energy Clearing Members generally, LIFFE Clearing Members generally, F&O](#) Clearing Members generally or the protection of a Market or marketplace in any class of Contracts.

(b) If any CDS Contract or FX Contract:

- (i) is one which any Governmental Authority requires or requests in writing that the Clearing House treat as void or voided;
- (ii) is one which any Applicable Law provides is void or voided, or requires the Clearing House to treat as void or voided;
- (iii) is one which, whether in whole or in part, pursuant to any Applicable Law is voidable; or
- (iv) is unenforceable by the Clearing House,

then the Clearing House shall act in accordance with Rule 404(c). A Contract shall not be subject to Rule 404(b)(iii) or (iv) if a Clearing Member is subject to fraud, illegality, insider dealing, market abuse, money laundering, breach of Applicable Laws or other grounds for the Contract being void, voidable or unenforceable solely as a result of it having submitted CDS Trade Particulars together with another CDS Clearing Member or having been party to an FX Transaction (as applicable) in circumstances in which the Contract to which another Clearing Member is party is subject to Rule 404(b)(iii) or (iv).

- (c) If any of the circumstances set out in Rule 404(b)(i) and (ii) arises, the Clearing House shall comply with any relevant request, requirement or provision, and, if Rule 404(b)(iii) or (iv) applies, it may at its discretion avoid the relevant Contract. If the Clearing House exercises its discretion to avoid a Contract or any Contract is otherwise void or voided, the Clearing House may, at its discretion, take action in accordance with this Rule 404(c). Where it does take action under this Rule 404(c), it may take the steps set out in paragraph (i) below or, if that is not reasonably practicable, it may take the steps set out in paragraph (ii) below, in relation to the affected Contract(s):

conjunction with the failure of the Clearing Member to enter into a replacement Contract or sign effective documentation confirming the validity of an existing Contract where directed to do so by the Clearing House pursuant to Rule 404(c)(i) or to take the steps set out in Rule 404(e)) shall of itself constitute grounds for the Clearing House declaring an Event of Default in respect of the Clearing Member, regardless of any event or circumstance which might (but for this provision) constitute a Force Majeure Event.

- (e) If, in relation to an [EnergyF&O](#) Contract, any of the circumstances in Rule 404(a) arises or if, in the case of a CDS Contract or FX Contract only, any of the circumstances set out in Rule 404(b) arises and no replacement Contract is established and the position is not otherwise dealt with pursuant to Rule 404(c), the Clearing House shall immediately notify the affected Clearing Members and any relevant Market. Upon such notification:
- (i) the Clearing House and the Clearing Member shall immediately be released from all rights, liabilities and obligations under any affected Contract;
 - (ii) the affected Contract shall become null and void;
 - (iii) all amounts paid pursuant to the Contract shall immediately be returned by the Clearing Member and the Clearing House to their respective contractual counterparties, in each case without interest;
 - (iv) in the case of an [EnergyF&O](#) Contract, any Transaction Rights or Obligations shall be deemed never to have been affected by Rule 402(b);
 - (v) in the case of two CDS Contracts (resulting from the same CDS Trade Particulars) being voided in circumstances in which the CDS Trade Particulars reflect a transaction (including any Bilateral CDS Transaction) that is not void or would itself not have been void:
 - (A) if the CDS Trade Particulars represent a Bilateral CDS Transaction or other transaction that was contractually binding prior to being submitted for Clearing:
 - (1) the Bilateral CDS Transaction shall be deemed never to have been terminated; and
 - (2) each affected Clearing Member shall submit, or, as the case may be, resubmit the terms of the Bilateral CDS Transaction or other transaction to Deriv/SERV or another service specified by the Clearing House;
 - (B) each affected Clearing Member or the Clearing House, as the case may be, shall cancel any submission relating to the voided CDS Contracts made pursuant to Rule 401(l); and
 - (C) any Transaction Rights or Obligations shall be deemed never to have been affected by Rule 402(b), except to the extent that any equivalent

obligation under a CDS Contract corresponding to a Transaction Right or Obligation has been performed or part-performed; and

- (vi) in the case of two FX Contracts resulting from the same FX Transaction being voided in circumstances in which the FX Transaction itself is not void:
 - (A) the relevant FX Transaction shall be deemed never to have been terminated; and
 - (B) any Transaction Rights or Obligations shall be deemed never to have been affected by Rule 402(b).
- (f) Nothing in this Rule 404 of itself is intended to result in any Transaction or Transaction Rights or Obligations being void or voided as between the original parties thereto, except to the extent that any equivalent obligation under a Contract corresponding to a Transaction Right or Obligation has been performed or part-performed.
- (g) For the avoidance of doubt, Rules 404(b), (c) and (d) shall only apply to CDS Contracts and FX Contracts and shall not apply to ~~Energy~~F&O Contracts.
- (h) [The Clearing House will notify any relevant Market when it avoids a Contract under this Rule 404.](#)

Rule 405 *Representations and Warranties on Contract Formation*

- (a) In relation to each Contract, the Clearing House will, and will be entitled to, rely on representations and warranties, deemed automatically to arise pursuant to these Rules from each Clearing Member proposing to become party to any Contract, that:
 - (i) the Clearing Member is in full compliance with the Rules;
 - (ii) the Clearing Member's obligations under the Clearing Membership Agreement, any Contract and Credit Support Document to which it is a party constitute its legal, valid and binding obligations, enforceable in accordance with their respective terms (subject to applicable bankruptcy, reorganisation, insolvency, moratorium or similar laws affecting creditors' rights generally and subject, as to enforceability, to equitable principles of general application (regardless of whether enforcement is sought in a proceeding in equity or at law));
 - (iii) no Event of Default or Potential Event of Default with respect to it has occurred and is continuing and no such event or circumstance would occur as a result of its entering into or performing its obligations under the Clearing Membership Agreement, any Contract or any Credit Support Document to which it is a party;
 - (iv) there is not pending or, to its knowledge, threatened against it or any of its Credit Support Providers any action, suit or proceeding at law or in equity or before any court, tribunal, governmental body, agency or official or any arbitrator that is likely to affect the legality, validity or enforceability against it of the Clearing

Membership Agreement, any Contract or any Credit Support Document to which it is a party or its ability to perform its obligations under the Clearing Membership Agreement, any Contract or such Credit Support Document;

- (v) except as expressly provided in Part 16 of the Rules in respect of FCM/BD Clearing Members, it is acting for its own account and as principal and not as agent;
 - (vi) it has made its own independent decisions to enter cleared Contracts and as to whether the entry into of cleared Contracts is appropriate or proper for it based upon its own judgment and upon advice from such advisers as it has deemed necessary;
 - (vii) it is not relying on any communication (written or oral) of the Clearing House as investment advice or as a recommendation to enter into the Contract, it being understood that information and explanations related to the terms and conditions of a Contract will not be considered investment advice or a recommendation to enter into a Contract;
 - (viii) no communication (written or oral) received from the Clearing House will be deemed to be an assurance or guarantee as to the expected results of that Contract;
 - (ix) it is capable of assessing the merits of and understanding (on its own behalf or through independent professional advice), and understands and accepts, the terms, conditions and risks of the Contract and it is also capable of assuming, and assumes, the risks of the Contract;
 - (x) the Clearing House is not acting as a fiduciary for or an adviser to it in respect of the Contract;
 - (xi) where the Contract is to be recorded in its Customer Account or is otherwise related to a Customer-CM CDS Transaction or Corresponding Contract, the Clearing Member acknowledges its obligation in Rule 202(a)(ii) and that compliance with Applicable Laws in the context of entering into Customer transactions includes compliance with Applicable Laws relating to customer due diligence in respect of its Customer and Applicable Laws relating to sanctions administered or imposed by the European Union, H.M. Treasury, the Office of Foreign Assets Control of the U.S. Department of the Treasury, the United Nations Security Council or any other relevant Governmental Authority affecting the Customer or any of its Customer's assets.
- (b) In relation to each Contract (other than a Contract arising pursuant to Rule 401(a)(v), Rule 401(a)(vi), Rule 401(a)(x), Rule 401(a)(xi), [Rule 401\(a\)\(xiii\)](#) or Rule 401(a)(~~xiii~~xiv)), the Clearing House will, and will be entitled to, rely on representations and warranties, deemed automatically to arise pursuant to these Rules from each Clearing Member proposing to become party to any Contract, that:

- (i) the data submitted by the Clearing Member or its Customer to the Exchange (if applicable) or the Clearing House (or submitted by the Participating Exchange, if applicable):
 - (A) is complete and correct in all respects; and
 - (B) has been authorised by the Clearing Member (including that any Trade Processing Platform used by the Clearing Member for the submission of CDS Trade Particulars has been duly authorised by the Clearing Member for the submission of data relating to CDS Trade Particulars in accordance with the CDS Procedures); and
- (ii) Market Rules (if applicable), the Trade Processing Platform's procedures (if applicable), the rules of the Participating Exchange (if applicable) and all Applicable Laws have been complied with by the Clearing Member and any relevant Customer in respect of the Transaction, Participating Exchange Transaction or CDS Trade Particulars.
- (c) In relation to each Contract that arises pursuant to Rule 401(a)(iii), Rule 401(a)(iv), Rule 401(a)(viii), Rule 401(a)(ix), Rule 401(a)(xii) and Rule 401(a)(~~xix~~xiv), the Clearing House will, and will be entitled to, rely on representations and warranties deemed automatically to arise pursuant to these Rules from each Clearing Member proposing to become party to any Contract, that:
 - (i) all and any previously subsisting contracts, rights, obligations or liabilities in connection with the subject matter of the Transaction or proposed Contract are on equal terms to that of the relevant Contract Terms (save as to the parties) and, in the case of rights, are free from all Encumbrances (excluding liabilities and obligations arising pursuant to the Contract Terms); and
 - (ii) any Person other than the Clearing Member to whom any contracts, rights, obligations or liabilities referred to in Rule 405(c)(i) pertain has agreed with the Clearing Member, or such other Person as is relevant, to be released from all of its rights, obligations and liabilities as a result of Contracts arising pursuant to Rule 401(a) (save for any contracts, rights, obligations or liabilities as between the Clearing Member and its Customer (under a Customer-CM CDS Transaction, Corresponding Contract or otherwise) or between any Customer and its customers and so on, in relation to the subject matter of the Contract on a back-to-back basis with a Contract, and further except as provided in Part 16).
- (d) Clearing Members will become party to, and liable under, Contracts each and every time a Contract arises from a Transaction or CDS Trade Particulars as a result of the action or omission of its Representatives, regardless of any circumstance in relation to such Transaction or CDS Trade Particulars, including without limitation whether the person submitting the Transaction or CDS Trade Particulars was authorised to do so by the Clearing Member or its Representative or whether the Transaction or CDS Trade Particulars caused a Representative to exceed the Clearing House's credit or other

parameters set for such Representative or the Clearing House's Position Limits or otherwise was in breach of the Rules or any of the Clearing Member's or Clearing House's policies, procedures or controls.

- (e) When a CDS Contract arises, the Clearing House shall make the warranties and the Clearing Member shall make the additional representations and warranties as in each case are set out in the CDS Procedures.
- (f) The Clearing House shall be entitled to assume, without enquiry, that at each time at which a Customer-CM CDS Transaction or Corresponding Contract arises, the respective obligations of the Clearing Member and Customer under such Customer-CM CDS Transaction or Corresponding Contract constitute its legal, valid and binding obligations enforceable in accordance with its terms, subject to applicable bankruptcy, reorganisation, insolvency, moratorium or similar laws affecting creditors' rights generally and subject, as to enforceability, to equitable principles in general application (regardless of whether enforcement is sought in a proceeding in equity or at law).

Rule 406 *Open Contract Positions*

- (a) At the end of each day or at such other frequency as the Clearing House determines at its discretion either generally or in respect of any Clearing Member, the Clearing House will calculate Open Contract Positions in its books and records. Settlement or revaluation of Open Contract Positions and Contracts will take place pursuant to the applicable Contract Terms and, for [EnergyF&O](#) Contracts, through the Clearing Processing System. The Clearing House shall have no obligation to notify any Clearing Member of Open Contract Positions or Contracts other than through the Clearing Processing System or otherwise than in accordance with the Rules and the Clearing Procedures.
- (b) If a Clearing Member so instructs the Clearing House in accordance with the Clearing Procedures, the Clearing House will net particular buy and sell positions (for a Set of Futures that are [EnergyF&O](#) Contracts), or Long and Short positions (for a Set of Options that are [EnergyF&O](#) Contracts) within the Clearing Member's Open Contract Position in respect of one of a Clearing Member's Customer Position Accounts.
- (c) Subject to its obligations under Rule 406(b), the Clearing House may at its discretion treat any [EnergyF&O](#) Contract pursuant to which a Clearing Member is the Buying Clearing Member and another [EnergyF&O](#) Contract of the same Set pursuant to which the same Clearing Member is the Selling Clearing Member simultaneously as being netted, set off and mutually closed out and terminated upon calculation of the Open Contract Position in respect of such [EnergyF&O](#) Contracts, subject to the Clearing Member having made all then due payments pursuant to the Contract Terms in respect of such [EnergyF&O](#) Contracts and to separate treatment of Open Contract Positions in the Clearing Member's Proprietary Account and each of its Customer Accounts of a different Customer Account Category. Where the position as Buying Clearing Member is not of the same size as a position a Selling Clearing Member, the Contracts in question shall be closed out and terminated in part. For the avoidance of doubt, any contractual netting of [EnergyF&O](#) Contracts is subject to Rule 102(q) and there shall be separate treatment

(and no offsetting and close-out or resulting termination nor any aggregation or consolidation) as between any of: (A) any [EnergyF&O](#) Contract recorded in the Clearing Member's Proprietary Account; (B) any [EnergyF&O](#) Contract recorded in particular Customer Account of a Clearing Member; or (C) any [EnergyF&O](#) Contract recorded in a different Customer Account of a Clearing Member.

- (d) CDS Clearing Members shall elect in accordance with the CDS Procedures between one of three different methods for the aggregation and netting of CDS Contracts (listed in paragraphs (i) to (iii) below), separately in respect of each of its CDS Sub-Accounts. If a CDS Clearing Member has only one CDS Sub-Account, then only one election under this Rule 406(d) is required. Any aggregation and netting of CDS Contracts pursuant to this Rule 406(d) shall take place pursuant to a novation, through termination of the relevant existing CDS Contract of the same Set or some or all of the relevant existing CDS Contracts of the same Set in the same CDS Sub-Account in consideration for the entry into of a new replacement single CDS Contract replacing those CDS Contracts so being aggregated and/or netted. Such aggregation and netting will take place at the times, and will affect those CDS Contracts, set out in or determined in accordance with the CDS Procedures, which will provide for aggregation and netting in relation to each CDS Sub-Account at least weekly. The Clearing House and relevant CDS Clearing Member will reflect each aggregation and netting under this Rule 406(d) in the records of Deriv/SERV in accordance with CDS Procedures. Subject to Rule 406(e):
- (i) where a CDS Clearing Member elects to manage a CDS Sub-Account on a 'trade by trade' basis, there will be no netting, offsetting, consolidation, aggregation, novation, termination or replacement of CDS Contracts recorded in that CDS Sub-Account;
 - (ii) where a CDS Clearing Member elects to manage a CDS Sub-Account on a 'gross' basis:
 - (A) there shall be no regular netting or offsetting of CDS Contracts recorded in that CDS Sub-Account;
 - (B) CDS Contracts recorded in that CDS Sub-Account, to the extent they are in the same Set and where the CDS Clearing Member acts as Buying Clearing Member, will, by operation of this provision, be aggregated, terminated and replaced by a single CDS Contract at the relevant times specified in this Rule 406(d), with a Floating Rate Payer Calculation Amount equal to the total of the Floating Rate Payer Calculation Amounts of those CDS Contracts; and
 - (C) CDS Contracts recorded in that CDS Sub-Account, to the extent they are in the same Set and where the CDS Clearing Member acts as Selling Clearing Member, will, by operation of this provision, be aggregated, terminated and replaced by a single CDS Contract, being a different CDS Contract to the CDS Contract referred to in Rule 406(d)(ii)(B), at the relevant times specified in this Rule 406(d), with a Floating Rate Payer

Rule 907, then the Clearing House shall be entitled to net and offset or combine and replace up to an equal amount of FX Contracts (or any part of an FX Contract) of other Clearing Members (which are not Defaulters) of the same Set as those FX Contracts of the Defaulter that were netted and offset or combined and replaced, and upon any such netting and offsetting or combination and replacement being notified by the Clearing House to a Clearing Member, the FX Contracts to which the netting and offsetting or combination and replacement applies shall automatically be terminated (and, in the case of a combination or partial offset, replaced with a new FX Contract) without need for any further action on the part of any Person, provided that:

- (A) the Clearing House shall only net or offset two or more Financially-Settled FX Contracts of a Clearing Member that is not a Defaulter, in whole or in part, where such Financially-Settled FX Contracts are in the same Set and the Clearing Member in question is Reference Currency Buyer under one of the Financially-Settled FX Contracts and Reference Currency Seller under the other Financially-Settled FX Contract;
 - (B) the Clearing House shall only combine and replace two or more Financially-Settled FX Contracts (or parts thereof) of a Clearing Member that is not a Defaulter:
 - (1) if the Clearing Member is Reference Currency Buyer under one of the Financially-Settled FX Contracts in respect of a particular currency and Reference Currency Seller under the other Financially-Settled FX Contract in respect of the same currency, and those two Financially-Settled FX Contracts have the same FX Settlement Date; and
 - (2) if the replacement FX Contract is also a Financially-Settled FX Contract, with the obligations and rights of the Clearing Member referring to the two currencies of the original FX Contracts (which were not the same), but with the same FX Settlement Date as the original FX Contracts and based on obligations with reference to the two remaining currencies as stood under the original FX Contracts; and
 - (C) the Clearing Members to which any netting, offsetting, combination or replacement applies shall be selected by the Clearing House based on an objective, automated selection process.
- (g) All Intellectual Property in data relating to CDS Trade Particulars, Transactions, Contracts and Open Contract Positions provided to the Clearing House under these Rules or generated by the Clearing House shall be the property of the Clearing House (except as otherwise agreed with a Market and that, in relation to CDS Contracts or FX Contracts, this shall be subject to any provision to the contrary in any agreement in

writing between the Clearing House and a CDS Clearing Member or FX Clearing Member, respectively). Such data may be provided by the Clearing House to any Market, Exchange, Trade Processing Platform, Deriv/SERV or any other data entry facility for CDS Contracts or any repository or data entry facility for FX Contracts and any member of the ICE Group and used by the Clearing House or such other Persons for any commercial or other purpose, subject in each case to the restrictions in Rule 106(a). Each Clearing Member's rights in such Intellectual Property shall be automatically assigned to the Clearing House by virtue of this provision as such rights arise. This Rule 406(g) is subject, in relation to CDS Clearing and FX Clearing, to any further restrictions in any agreement in writing between the Clearing House and a CDS Clearing Member or FX Clearing Member, as the case may be.

Rule 407 *Reporting of Open Contract Positions Carried by Other Clearing Members*

If an [EnergyF&O](#) Clearing Member (for the purposes of this Rule 407 only, the "**Relevant Clearing Member**") has Customer or proprietary positions in respect of any Contract carried for it by another [EnergyF&O](#) Clearing Member (for the purposes of this Rule 407 only, the "**Position Holder**"), the Relevant Clearing Member shall give written notice to the Clearing House of the name of the Position Holder and the extent of its position on the Business Day following the Business Day on which a position was carried by the Position Holder.

Rule 408 *Transfer of Contracts*

- (a) A Clearing Member shall not assign, allocate or transfer, or create any Encumbrance whatsoever in relation to, any of its rights, liabilities or obligations under a Contract except:
- (i) that all rights and obligations of a Clearing Member pursuant to a Contract may be transferred, novated or terminated and replaced from one Clearing Member to another Clearing Member with the agreement of each of the two Clearing Members involved (and, if required under Applicable Law for Open Contract Positions in a Customer Account, the consent of the relevant Customers), and the consent of the Clearing House and relevant Market (if any), subject to such conditions as the Clearing House at its discretion stipulates and, in relation to CDS Contracts, subject to the requirements set out in the CDS Procedures;
 - (ii) as a result of an allocation resulting in a Clearing Member being the 'Buying Clearing Member' or 'Selling Clearing Member' as such terms are defined in Rule 101;
 - (iii) as a result of an allocation pursuant to Rule 401(a)(viii);
 - (iv) as a result of a CDS Contract arising pursuant to Rule 905(c) and Rule 401(a)(x);
~~or~~
 - (v) as a result of a Transfer of Contracts pursuant to Rule ~~904~~[904](#); or

(vi) as a result of a transfer of a Linked Outgoing Contract under Rule 401(a)(xiv) and Rule 410.

- (b) Any purported transfer of any rights, liabilities or obligations under a Contract other than in accordance with Rule 408(a) shall be null and void.

Rule 409 *Amendment of Contract Terms*

- (a) The terms of any Contract may only be amended, waived or varied with the prior written consent of the Clearing House.

Rule 410 *Link Agreements*

- (a) In this Rule 410, the following terms shall have the meanings set out below:

The term "Cleared Exchange" means an Exchange to which the Clearing House provides clearing services.

The term "Clearing Member Link Agreement" means a written agreement in one or more forms amongst a Cleared Exchange, the Clearing House and a Participating Exchange to which, amongst others, a Clearing Member is party. A Clearing Member Link Agreement has the function, amongst other things, of facilitating the transfer of Contracts and transactions in accordance with this Rule 410.

The term "Link Agreement" means an agreement entered into between the Clearing House and a Participating Exchange and, if applicable, a Cleared Exchange for the purposes of facilitating the transfer of Contracts from the Clearing House to the Participating Exchange or vice-versa.

The term "Linked Outgoing Contract" means a Contract or notional Contract which is subject to a transfer to a Participating Exchange from the Clearing House pursuant to a Link Agreement, giving rise to an offsetting Contract under Rule 410(d).

The term "Linked Incoming Contract" means a Contract which arises under Rule 410(g) following the transfer from a Participating Exchange to the Clearing House of a Participating Exchange Transaction pursuant to a Link Agreement.

The term "Participating Exchange" means an organisation (whether an Exchange, association or otherwise) which operates a derivatives market and which has concluded a Link Agreement with the Clearing House. For the purposes of this Rule 410, a Participating Exchange shall not include a Cleared Exchange but shall, where the context requires, be read as referring alternatively to the Clearing Organisation which provides clearing services to the relevant Participating Exchange.

The term "Participating Exchange Transaction" means a transaction arising under the rules of a Participating Exchange which, pursuant to a Link Agreement, may be transferred to the Clearing House and, if accepted by the Clearing House in accordance with a Link Agreement, give rise to a Linked Incoming Contract.

- (b) Linked Outgoing Contracts are transferred from the Clearing House to a Participating Exchange in accordance with the provisions of this Rule 410. Any such transfer shall include all affected Linked Outgoing Contracts nominated by a Clearing Member for transfer to a Participating Exchange, regardless of whether they have been contractually netted under Rule 406.
- (c) In accordance with the Procedures and subject to other provisions in this Rule 410, the Clearing House shall:
- (i) calculate each Clearing Member's Open Contract Position with respect to Linked Outgoing Contracts; and
 - (ii) transmit details of each Clearing Member's Linked Outgoing Contracts arising on such Business Day, to the relevant Participating Exchange in accordance with procedures and timings agreed from time to time with the relevant Participating Exchange.
- (d) On confirmed receipt by the relevant Participating Exchange, in accordance with such procedures as may be agreed from time to time between the Clearing House and the Participating Exchange pursuant to a Link Agreement, when each relevant Linked Outgoing Contract referred to in Rule 410(c) is transferred, an offsetting or opposite Contract shall arise in accordance with Rule 401(a)(xiv) between the Clearing House and the Clearing Member which is identical in terms to and for the same number of lots as the Linked Outgoing Contract save as to the position of the parties as Buying Clearing Member or Selling Clearing Member which shall be reversed. The offsetting or opposite Contract and Linked Outgoing Contract may be subject to contractual netting under Rule 406(c).
- (e) A Participating Exchange may transmit details of Participating Exchange Transactions to be Cleared by the Clearing House in accordance with procedures and timings agreed from time to time with the Clearing House. On confirmed receipt by the Clearing House of full details of a Participating Exchange Transaction, in accordance with a Link Agreement and such procedures as may be agreed from time to time with a Participating Exchange, a Linked Incoming Contract shall arise in accordance with Rule 401(a)(xiv) between the Clearing House and each of the relevant Clearing Members identical to and for the same number of lots as the relevant Participating Exchange Transactions (save as to the identity of the Clearing Organisation, if any, which shall be the Clearing House).
- (f) This Rule 410(f) is applicable in situations of impossibility or difficulty of transfer of an Outgoing Linked Contract or Participating Exchange Transaction.
- (i) The provisions of this Rule 410(f) shall apply if it is not possible to effect a transfer of Linked Outgoing Contracts or Participating Exchange Transactions on the relevant Business Day for any reason (other than default as referred to in Part 9) including, without limitation, as a result of:
 - (A) any action taken by a Cleared Exchange, regulatory body or governmental authority;

- (B) any change in Applicable Law;
 - (C) failure of any systems, communication facilities or other technology affecting the Clearing House, the relevant Participating Exchange or the Cleared Exchange; and/or
 - (D) a Force Majeure Event.
- (ii) If details of Linked Outgoing Contracts cannot be transmitted on the relevant Business Day or the relevant Participating Exchange cannot receive such details or despatch a confirmation, so that such Contracts cannot be transferred on the Business Day on which they arose, such Contracts shall not be subject to transfer on that Business Day and shall remain open Contracts with the Clearing House subject to the Rules. Details of such Contracts which remain open may be transmitted to the relevant Participating Exchange on the next day on which such Contracts are permitted to be transferred under the relevant Link Agreement and on which it is possible for details of such Contracts to be transmitted.
 - (iii) If details of Participating Exchange Transactions cannot be transferred on the day on which such transactions were entered into on the Participating Exchange, such transactions shall not be subject to any transfer, and may remain subject to the rules of the Participating Exchange and shall not give rise to any Contract until such time as they are transferred to the Clearing House. Such transactions may be transferred to the Clearing House on the next day on which such transactions are permitted to be so transferred under the relevant Link Agreement and on which it is possible to do so.
 - (iv) Nothing in this Rule 410(f) shall restrict or qualify the applicability of Rule 112 in a situation in which this Rule 410(f) applies.
 - (v) On the termination of an applicable Link Agreement, Linked Outgoing Contracts and Participating Exchange Transactions subject to such agreement that arise after such termination taking effect shall cease to be subject to any transfer under this Rule 410. Termination of any Link Agreement shall not affect the validity of any existing Contract.
 - (vi) In the event of a default by a member of a Participating Exchange (where such member is not also a Clearing Member), where such default is defined or declared under the rules of the Participating Exchange, any Participating Exchange Transaction registered in the name of such affected Participating Exchange member shall not be transferred under the applicable Link Agreement pursuant to this Rule 410, provided that the Clearing House may elect to enter into one or more Contracts with F&O Clearing Members or with the relevant Cleared Exchange or Participating Exchange for the purpose of facilitating the replacement of the Participating Exchange Transactions of the defaulting member of such Cleared Exchange or Participating Exchange with a new contract with a non-defaulting Clearing Member.

Part 5 Margin

Rule 501 *Approved Financial Institutions*

- (a) The Clearing House will maintain a list of Approved Financial Institutions. Only Approved Financial Institutions shall be permitted by the Clearing House:
 - (i) to open and operate, on behalf of Clearing Members, accounts from which the Clearing House can draw amounts pursuant to a direct debit mandate, for the collection of amounts due to the Clearing House from time to time; and
 - (ii) to issue and confirm letters of credit for Clearing Members. Approved Financial Institutions may also act in such other capacity as the Clearing House may approve from time to time.
- (b) All cash transfers made by Clearing Members to or to the order of the Clearing House must be made from an account at an Approved Financial Institution, unless the Clearing House gives its prior written consent to another method being used.
- (c) Clearing Members are given notice that the Clearing House may suspend or terminate the status of an Approved Financial Institution or attach, amend or revoke conditions to the continued status of an Approved Financial Institution. The Clearing House may take such steps if an institution no longer meets all of the requirements of the Clearing House or if the Clearing House determines that it would be advisable for the Clearing House's own protection, the protection of Clearing Members or the protection of a Market to do so.

Rule 502 *Margin*

- (a) Each Clearing Member shall transfer Permitted Cover to the Clearing House in respect of Margin in such amounts, in such forms and at such times as are required pursuant to this Part 5 and otherwise as may be prescribed by the Clearing House and notified to Clearing Members, in each case in accordance with these Rules and the Finance Procedures, from time to time.
- (b) At any time on which a requirement for Original Margin, FX Original Margin, Initial Margin or Margin under Rule 502(g) falls due and insufficient Permitted Cover is held, the Clearing Member must initially transfer cash in an Eligible Currency. Thereafter a Clearing Member may substitute such cash Margin with other Permitted Cover by delivery of the replacement Permitted Cover to the Clearing House. The amount of Original Margin or Margin under Rule 502(g) for any Business Day shall be calculated (and, if necessary, called) separately in respect of the relevant Proprietary Account and each Customer Account of a different Customer Account Category for each Clearing Member in accordance with the Finance Procedures.
- (c) Variation Margin, FX Mark-to-Market Margin and Mark-to-Market Margin payments may be made by the Clearing House or a Clearing Member only in cash in the Eligible Currency in which the Contract in question is to be or can be settled (for [EnergyF&O](#)

Account or Proprietary Account of the Pledged Collateral Account (provided that the value of any Pledged Collateral returned directly to a Clearing Member or any Person on such Clearing Member's behalf will be excluded from the calculation of any relevant net sum); and (B) only to the extent that such applied amount is required to be included in the net sum calculation to ensure that the net sum for the Customer Account or Proprietary Account of the Pledged Collateral Account would not represent an amount payable by the Clearing Member to the Clearing House; or (ii) pursuant to the Default Portability Rules. Any Pledged Collateral not applied in accordance with this provision and which is not transferred to a Transferee Clearing Member in accordance with Part 9 of the Rules shall be returned to the relevant Clearing Member for its applicable proprietary or customer account, as the case may be, subject to Applicable Law as a result of such Clearing Member's or its customers' entitlements to such Pledged Collateral and not as part of the net sum process arising pursuant to Part 9 of the Rules. Any such return by the Clearing House of Pledged Collateral outside of the net sum calculation shall discharge and satisfy in full the Clearing House's obligations to return such Pledged Collateral to the Clearing Member or any of its Customers and no Customer or Clearing Member shall have any further claim in respect of such Pledged Collateral. To the extent any Pledged Collateral is, or is required under Applicable Law to be, returned to a Defaulter, it shall be returned separately from any net sum certified by the Clearing House pursuant to Rule 905.

- (j) Without limiting Rule 111, but subject to any contrary requirements of law: The Clearing House shall not be liable to any Clearing Member, Customer or other Person for any losses, claims, liabilities, damages or expenses arising out of or relating to the holding of any Pledged Collateral or the assets in any Pledged Collateral Account ("**Custodial Losses**"), except to the extent such Custodial Losses result from the gross negligence or wilful misconduct of the Clearing House. The Clearing House shall have no responsibility for any investment decisions made or directed by a Clearing Member (or any Representative thereof) with respect to assets representing Pledged Collateral or for the results of any such investments. The Clearing House shall be under no obligation to inquire into, and shall be fully protected in relying on, any requests, instructions or directions with respect to Pledged Collateral or the assets in any Pledged Collateral Account under these Rules received from a Person the Clearing House believes to be authorised to act on behalf of the appropriate Clearing Member.

- (k) With respect to F&O Contracts, changes to the matters described in Rules 502(d) and (e) above, including assets eligible as Margin or Permitted Cover and the haircuts established with respect thereto, will be based on an analysis of appropriate factors as determined by the Clearing House, including historical and implied price volatility of such assets, current and anticipated conditions in the market for those assets, spreads and correlations between relevant assets, liquidity in the trading market for those assets, composition of the relevant market, default risk (including sovereign risk) with respect to those assets, relevant foreign exchange market conditions and other relevant information.

Rule 503 *Margin Calls and Return of Surplus Collateral*

- (a) Margin shall be and become due and payable at the times specified by the Clearing House pursuant to Rule 302.
- (b) Regular Margin calculations will be made by the Clearing House on each Business Day. Any such calculation may result in a call for additional Permitted Cover pursuant to Part 3.
- (c) The Clearing House shall be entitled, at its discretion, to make an intra-day call for Margin or any other amount payable to it. In the event of such a call being made, the Clearing House will:
 - (i) give notice to each Clearing Member which is required to make payment to the Clearing House of the amount payable by such Clearing Member and time by which payment must be made; and
 - (ii) immediately after giving or making reasonable efforts to give the notice described in Rule 503(c)(i), instruct the relevant Approved Financial Institution to transfer funds equal to the amount due to the Clearing House from the account of such Clearing Member to an account of the Clearing House.
- (d) For regular calls relating to [EnergyF&O](#) Contracts, Margin shall be calculated with reference to a Clearing Member's Open Contract Position in accordance with the Finance Procedures. For any intra-day Margin call relating to [EnergyF&O](#) Contracts, Margin shall be calculated with reference to a Clearing Member's Open Contract Position and gross number of Contracts in relation to any Contracts not included in Open Contract Positions in accordance with the Finance Procedures.
- (e) The amount of Variation Margin for any Business Day shall be calculated (and, if necessary, called) separately in respect of the relevant Proprietary Account and each Customer Account of a different Customer Account Category for each Clearing Member in accordance with the Finance Procedures. Each such Variation Margin call shall be:
 - (i) in the case of an Open Contract Position, based on the prices at which Open Contract Positions in [EnergyF&O](#) Contracts are recorded on the Clearing House's books; and
 - (ii) in the case of [EnergyF&O](#) Contracts not reflected in a Clearing Member's Open Contract Position, represented by the difference between the Settlement Price and the price at which each such [EnergyF&O](#) Contract was bought or sold; provided, however, that in the case of any [EnergyF&O](#) Contract based on an index, the amount of the final Variation Margin payment shall be determined as specified in the rules of the Exchange on which the index is based.
- (f) Regular calls for Margin in respect of CDS Contracts will be made following the close of business on each Business Day as follows and in accordance with the Finance Procedures:

Part 7 Settlement and Delivery of Futures

Part 7 of the Rules does not apply to CDS Contracts or FX Contracts. References to Contracts in this section are to [EnergyF&O](#) Contracts. References to any Customer Account in this section are references only to any Non-CDS Customer Account and the terms 'Customer Margin Account' and 'Customer Position Account' shall be construed accordingly. References to Customers in this section are solely to Customers of [EnergyF&O](#) Clearing Members in relation to [EnergyF&O](#) Contracts.

Rule 701 *Determination of Market Delivery Settlement Price*

- (a) The Clearing House will specify the Market Delivery Settlement Price for any Future Set.
- (b) The Market Delivery Settlement Price will generally be determined on the basis of data provided by the Market on which the Contract in question is traded.
- (c) The Clearing House shall be entitled to determine the Market Delivery Settlement Price itself, at its discretion, if:
 - (i) a Market fails on any day to determine a Market Delivery Settlement Price;
 - (ii) a Market fails to provide the Clearing House with necessary data for determination of a Market Delivery Settlement Price;
 - (iii) there is an error in data provided by a Market; or
 - (iv) the Clearing House at its discretion otherwise considers it appropriate to do so.

Rule 702 *Cash Settlement*

- (a) A Futures Contract shall be settled in cash if:
 - (i) pursuant to the applicable Contract Terms it can be settled only in cash; or
 - (ii) pursuant to the applicable Contract Terms it may be settled in cash and the Clearing Member opts to settle the Contract(s) in cash.
- (b) Cash settlement for a Set of Futures Contracts shall occur separately, and separate payment obligations shall accrue, in respect of a Clearing Member's:
 - (i) Proprietary Account;
 - (ii) gross buy positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iii) gross sell positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iv) gross buy positions under its Swap Customer Account (if applicable);
 - (v) gross sell positions under its Swap Customer Account (if applicable);

- (vi) gross buy positions under its DCM Customer Account (if applicable);
 - (vii) gross sell positions under its DCM Customer Account (if applicable);
 - (viii) gross buy positions under its Non-CDS Customer Account (if applicable); and
 - (ix) gross sell positions under its Non-CDS Customer Account (if applicable).
- (c) Provided that all Margin payments in respect of the Set have been paid by the Clearing Member to the Clearing House or repaid by the Clearing House, the amount payable for cash settlement of any Future shall be the net gain or loss, as the case may be, based on the price at which Open Contract Positions are recorded on the Clearing House's books and the Market Delivery Settlement Price and, for Contracts not reflected in a Clearing Member's Open Contract Position, the difference between the Market Delivery Settlement Price and the price at which each new relevant Contract not in the Clearing Member's Open Contract Position was bought or sold. Each cash settlement shall occur in accordance with the Contract Terms.
- (d) Neither the Delivery Procedures nor the requirements of Rule 703 shall apply to any Contract which is settled in cash in accordance with this Rule 702.

Rule 703 *Delivery*

- (a) In relation only to Futures which are not settled in cash pursuant to Rule 702, the Delivery Procedures and the requirements of this Rule 703 shall apply.
- (b) The Buyer and Seller shall each make such payments and deliveries and deliver such tenders, notices and invoices as are required pursuant to the Delivery Procedures and Market Rules.
- (c) The passing on by the Clearing House of such tenders or such other documents shall not constitute acceptance by the Clearing House of such tenders or such documents if the Clearing Member to which the Clearing House passed on such tender or documents rejects the same where permitted to do so. In the event of such rejection, the Clearing House shall also be entitled to reject the tenders or other documents. Similarly, where a Clearing Member who is a Buyer under a Contract rejects a Deliverable delivered to it, the Clearing House as Buyer under the corresponding back to back Contract shall be entitled, if to do so would be in accordance with the applicable Contract Terms, to take the same action as against the Seller under that Contract and the Clearing House shall not be deemed to have accepted such delivery until the relevant Buyer has accepted delivery under the first Contract.
- (d) Subject to Rule 703(c), no tender received by the Buyer may be withdrawn or substituted by the Seller except with the consent of the Buyer or otherwise in accordance with the Contract Terms and Procedures.
- (e) ~~(e)~~ Full compliance with the Delivery Procedures applicable to the Contract in question and, where applicable, Market Rules shall amount to a good discharge of the rights,

liabilities and obligations of the parties under such Contract (but shall be without prejudice to any rights, liabilities or obligations of any party to a Contract in relation to breach of warranty, representation, damaged goods, under-delivery, over-delivery or otherwise).

- (f) ~~(d)~~ The Clearing House may, at its discretion, direct a Clearing Member who is a Seller under a Contract subject to delivery to deliver the Commodity Deliverable that is the subject matter of such Contract to another Clearing Member that is a Buyer. The Seller and Buyer shall each be bound by any such direction. Delivery in accordance with any such direction shall be deemed to constitute delivery by the Seller to the Clearing House and from the Clearing House to the Buyer for the purposes of the Contract or Contracts in question (but title shall not pass unless and until the time specified in the Delivery Procedures). All payments in relation to such Contracts shall nonetheless be made only to and from the Clearing House by the Clearing Members concerned.
- ~~(e) If a Buyer under a Contract rejects a Commodity delivered to it, the Clearing House as Buyer under the similar (effectively, back to back) Contract shall be entitled, if to do so would be in accordance with the applicable Contract Terms, to take the same action as against the Seller under the equivalent Contract and the Clearing House shall not be deemed to have accepted such delivery until the relevant Buyer has accepted delivery under the first Contract.~~
- (g) ~~(f)~~ If an invoice has not been prepared or delivered when payment becomes due pursuant to a Contract, payment shall be made and received on account, pending the issue of that invoice.
- (h) ~~(g)~~ Where a Clearing Member that is a Buyer or Seller under a Contract subject to delivery is subject to an Event of Default or Force Majeure Event, the rights, liabilities and obligations of any Clearing Member that is not a Defaulter in respect of such performance shall be discharged and there shall arise in place of the same an obligation to account as between the Clearing Member and the Clearing House for a settlement amount. The Clearing House shall be entitled to substitute an obligation to account for such settlement amount, or a proportion thereof, for the Clearing House's rights, liabilities and obligations in respect of performance of delivery obligations under other Contracts subject to tender with other Clearing Members (such Contracts and Clearing Members selected by the Clearing House at its discretion) of the same Set.
- (i) ~~(h)~~ Where a Clearing Member has appointed a Disclosed Principal Member, any delivery or related obligation of the Clearing Member shall be construed as an obligation of the Disclosed Principal Member and terms 'Buyer,' 'Seller' and all other provisions of these Rules relating to deliveries shall be construed accordingly.

Rule 704 *Credit and Debit of Accounts*

- (a) The Clearing House shall make any necessary credits or debits to or from Clearing Members' Proprietary Margin Account and Customer Margin Accounts, as appropriate, arising as a result of each cash settlement and delivery in accordance with Part 3.

(b) Subject to the Contract Terms and Procedures, any compensation, adjusting payment or other allowance payable by or to either the Buyer or the Seller under the terms of the Contract shall be paid by or to the Clearing House for onward payment to the Buyer or the Seller as the case may be.

Rule 705 *Settlement and Delivery Obligations only in respect of Open Contract Position and Termination of other Contracts*

- (a) The Clearing House and each Clearing Member shall make cash settlement or delivery only for such number of Contracts as are reflected in the Clearing Member's Open Contract Position plus any Contracts not included in the Open Contract Position, separately for each of the positions on the Clearing Member's:
- (i) Proprietary Account;
 - (ii) gross buy positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iii) gross sell positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iv) gross buy positions under its Swap Customer Account (if applicable);
 - (v) gross sell positions under its Swap Customer Account (if applicable);
 - (vi) gross buy positions under its DCM Customer Account (if applicable);
 - (vii) gross sell positions under its DCM Customer Account (if applicable);
 - (viii) gross buy positions under its Non-CDS Customer Account (if applicable); and
 - (ix) gross sell positions under its Non-CDS Customer Account (if applicable).

No such Open Contract Position (or additional Contracts) may be netted against another Open Contract Position on cash settlement or delivery without the prior written consent of the Clearing House, and subject always to Rule 102(q).

- (b) Upon each of the parties to a Contract having made all necessary payments and deliveries in accordance with these Rules in respect of all Futures Contracts in a Set in relation to which a cash settlement or delivery obligation exists for any account or positions specified in Rule 705(a), the Clearing Member and the Clearing House shall each be discharged and released from all rights, liabilities and obligations to one another arising pursuant to Futures Contracts belonging to such Set in respect of such account or position.

Part 8 Options

Part 8 of the Rules does not apply to CDS Contracts or FX Contracts. References to Contracts in this section are to [EnergyF&O](#) Contracts. References to any Customer Account in this section are references only to any Non-CDS Customer Account and the terms 'Customer Margin Account' and 'Customer Position Account' shall be construed accordingly. References to Customers in this section are solely to Customers of [EnergyF&O](#) Clearing Members in relation to [EnergyF&O](#) Contracts.

Rule 801 *Payment of Premium*

- (a) A Buying Clearing Member that becomes party to an Option shall be obliged to pay to the Clearing House the premium for the Option at the time specified in the Contract Terms.
- (b) A Selling Clearing Member that becomes party to an Option will be credited by the Clearing House with an amount equal to the premium for the Option at the time specified in the Contract Terms.

Rule 802 *Reference Prices*

- (a) The Clearing House will specify the Reference Price for any Option Set.
- (b) The Reference Price will generally be determined on the basis of data provided by the Market on which the Contract in question is traded.
- (c) The Clearing House shall be entitled to determine the Reference Price itself, at its discretion, if:
 - (i) a Market fails on any day to determine a Reference Price;
 - (ii) a Market fails to provide the Clearing House with necessary data for determination of a Reference Price;
 - (iii) there is an error in data provided by a Market; or
 - (iv) the Clearing House at its discretion otherwise considers it appropriate to do so.

Rule 803 *Exercise of Options*

- (a) An Option Contract may be exercised only if permitted by the applicable Contract Terms. An Option Contract may be exercised only by a Clearing Member with a Long Open Contract Position or by the Clearing House in respect of a Contract in which it is Long. Option Contracts may only be exercised by a Clearing Member for any Option Set for such number of Contracts as are reflected in the Clearing Member's Open Contract Position (plus any Contracts not included in the Open Contract Position), separately for each of the positions on the Clearing Member's:

- (e) The Clearing House may reject any notice of exercise or abandonment of an Option if such notice does not, or appears not to, comply with the Contract Terms or the Clearing Procedures, notwithstanding any equivalent notice or other prescribed form of exercise that has been provided by the Clearing House to any Clearing Member in respect of the exercise of an Option Contract.
- (f) No notice or other form of exercise or abandonment of an Option received by the Clearing House may be cancelled or withdrawn once the deadline for exercise has passed.
- (g) Part 7 of these Rules shall not apply in relation to Options.

Rule 804 ~~*Notice of Assignment*~~ *Exercise Notices*

The Clearing House will assign exercise notices to Clearing Members which have or carry Short Open Contract Positions (and Short Contracts not in their Open Contract Position) in the Option Set being exercised, in accordance with the Clearing Procedures.

Rule 805 ~~*Formation of new Options with Deliverables which are Futures Contracts*~~

- (a) Upon exercise of any Option with a Future as the Deliverable under the Option, one or more Futures Contracts at the Strike Price (or such other price as is required pursuant to the Contract Terms) shall arise pursuant to Rule 401 and in accordance with the Contract Terms for the Option and applicable Market Rules.
- (b) Upon such Futures Contract or Contracts having arisen and all necessary payments having been made by the Clearing Member and Clearing House pursuant to the Clearing Procedures, the rights, obligations and liabilities of the Clearing House and the relevant Clearing Member in respect of the Option shall be satisfied and the Option shall be terminated.

Rule 806 *Options with Deliverables other than Futures*

- (a) Upon exercise of any Option with a Deliverable which is not a Future, a Contract for the sale and purchase of the relevant Deliverable (a "Contract of Sale") at the Strike Price (or such other price as is required pursuant to the Contract Terms) shall arise pursuant to Rule 401 and in accordance with the Contract Terms for the Option and applicable Market Rules.
- (b) Upon such Contract of Sale or Contracts of Sale having arisen and all necessary payments having been made by the Clearing Member and Clearing House pursuant to the Clearing Procedures, the rights, obligations and liabilities of the Clearing House and the relevant Clearing Member in respect of the Option shall be satisfied and the Option shall be terminated.

Rule 807 ~~**Rule 806**~~ *Termination of other Contracts*

Upon each of the parties to a Contract having made all necessary payments and becoming party to all resulting Futures Contracts and Contracts of Sale in accordance with these Rules in respect of all Option Contracts in a Set in relation to an account or position specified in Rule 803(a), the Clearing Member and the Clearing House shall each be discharged and released from all rights, liabilities and obligations to one another arising pursuant to Option Contracts belonging to such Set in respect of such account or position.

Rule 808 ~~**Rule 807**~~ *Expiry and Abandonment*

- (a) If an Option Contract is not automatically exercised in accordance with Rule 803(b)(i) or exercised by the Clearing Member by the day and time referred to in Rule 803(b)(ii), all the rights, liabilities and obligations of each of the Clearing House and the relevant Clearing Member in respect of any the Option shall lapse and the Option shall be terminated and be deemed to be abandoned.
- (b) If notice of abandonment of an Option Contract is given pursuant to Rule 803(c), all the rights, liabilities and obligations of each of the Clearing House and the relevant Clearing Member in respect of any the Option shall lapse and the Option shall be terminated and be deemed to be abandoned upon the Clearing House updating its books and records in respect of such abandonment.

Rule 809 *Deliveries under Contracts of Sale*

- (a) The Delivery Procedures and the requirements of this Rule 809 shall apply to Contracts of Sale.
- (b) The Buyer and Seller under each Contract of Sale shall each make such payments and deliveries and deliver such tenders, notices and invoices as are required pursuant to the Delivery Procedures and Market Rules.
- (c) Full compliance with the Delivery Procedures applicable to the Contract of Sale in question and, where applicable, Market Rules shall amount to a good discharge of the rights, liabilities and obligations of the parties under such Contract (but shall be without prejudice to any rights, liabilities or obligations of any party to a Contract in relation to breach of warranty, representation, damaged goods, under-delivery, over-delivery or otherwise).
- (d) The Clearing House may, at its discretion, direct a Clearing Member who is a Seller under a Contract of Sale subject to delivery to deliver the Deliverable that is the subject matter of such Contract to another Clearing Member that is a Buyer. The Seller and Buyer shall each be bound by any such direction. Delivery in accordance with any such direction shall be deemed to constitute delivery by the Seller to the Clearing House and from the Clearing House to the Buyer for the purposes of the Contract of Sale or Contracts of Sale in question (but title shall not pass unless and until the time specified in the Delivery Procedures). All payments in relation to such Contracts shall nonetheless be made only to and from the Clearing House by the Clearing Members concerned.

- (e) If a Buyer under a Contract of Sale rejects a Deliverable delivered to it, the Clearing House as Buyer under the similar (effectively, back to back) Contract shall be entitled, if to do so would be in accordance with the applicable Contract Terms, to take the same action as against the Seller under the equivalent Contract and the Clearing House shall not be deemed to have accepted such delivery until the relevant Buyer has accepted delivery under the first Contract.
- (f) Where payment is subject to an invoice under the Contract Terms, if an invoice has not been prepared or delivered when payment becomes due pursuant to a Contract, payment shall be made and received on account, pending the issue of that invoice.
- (g) Where a Clearing Member that is a Buyer or Seller under a Contract of Sale is subject to an Event of Default or Force Majeure Event, the rights, liabilities and obligations of any Clearing Member that is not a Defaulter in respect of such performance shall be discharged and there shall arise in place of the same an obligation to account as between the Clearing Member and the Clearing House for a settlement amount. The Clearing House shall be entitled to substitute an obligation to account for such settlement amount, or a proportion thereof, for the Clearing House's rights, liabilities and obligations in respect of performance of delivery obligations under other Contracts subject to tender with other Clearing Members (such Contracts and Clearing Members selected by the Clearing House at its discretion) of the same Set.
- (h) Upon each of the parties to a Contract having made all necessary payments and deliveries in accordance with these Rules in respect of all Contracts of Sale relating to Options in a Set in relation to which a delivery obligation exists for any account or positions specified in Rule 803(a), the Clearing Member and the Clearing House shall each be discharged and released from all rights, liabilities and obligations to one another arising pursuant to such Contracts of Sale in respect of such account or position.

Rule 810 **Cash Settlement**

- (a) Neither the Delivery Procedures nor Rules 803 to 809 apply to Option Contracts which are, according to their applicable Contract Terms, capable of cash-settlement only or which, being Contracts that may be cash-settled at the option of either party, have been designated for cash-settlement by either party.
- (b) An Option Contract shall be settled in cash if:
 - (i) pursuant to the applicable Contract Terms it can be settled only in cash; or
 - (ii) pursuant to the applicable Contract Terms it may be settled in cash and the Clearing Member opts to settle the Contract(s) in cash.
- (c) Cash settlement for a Set of Option Contracts shall occur separately, and separate payment obligations shall accrue, in respect of a Clearing Member's:
 - (i) Proprietary Account;

- (ii) gross buy positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iii) gross sell positions under its Non-DCM/Swap Customer Account (if applicable);
 - (iv) gross buy positions under its Swap Customer Account (if applicable);
 - (v) gross sell positions under its Swap Customer Account (if applicable);
 - (vi) gross buy positions under its DCM Customer Account (if applicable);
 - (vii) gross sell positions under its DCM Customer Account (if applicable);
 - (viii) gross buy positions under its Non-CDS Customer Account (if applicable); and
 - (ix) gross sell positions under its Non-CDS Customer Account (if applicable).
- (d) Provided that all Margin payments in respect of the Set have been paid by the Clearing Member to the Clearing House or repaid by the Clearing House, the amount payable for cash settlement of any Option shall be the net gain or loss, as the case may be, based on the price at which Open Contract Positions are recorded on the Clearing House's books and the Reference Price and, for Contracts not reflected in a Clearing Member's Open Contract Position, the difference between the Reference Price and the price at which each new relevant Contract not in the Clearing Member's Open Contract Position was bought or sold. Each cash settlement shall occur in accordance with the Contract Terms.
- (e) Upon each of the parties to a Contract having made all necessary payments in accordance with these Rules in respect of all Option Contracts in a Set in relation to which a cash settlement obligation exists for any account or positions specified in Rule 810(c), the Clearing Member and the Clearing House shall each be discharged and released from all rights, liabilities and obligations to one another arising pursuant to Option Contracts belonging to such Set in respect of such account or position.

Rule 811 **Credit and Debit of Accounts**

The Clearing House shall make any necessary credits or debits to or from Clearing Members' Proprietary Margin Account and Customer Margin Accounts, as appropriate, arising as a result of each cash settlement and delivery in accordance with Part 3.

Part 9 Default Rules

Without prejudice to the status of any other provision of these Rules, all the provisions of this Part 9 are intended to constitute 'default rules' for purposes of the Companies Act 1989.

Rule 901 *Events of Default affecting Clearing Members*

- (a) If any of the following events should occur with respect to any Clearing Member (regardless of whether it is cured by the Clearing Member, a guarantor or other third party on behalf of the Clearing Member or otherwise), such event shall, if so declared by the Clearing House, constitute an "**Event of Default**":
- (i) any breach by that Clearing Member of these Rules, the Procedures, the Clearing Membership Agreement, any other agreement with the Clearing House or Market Rules;
 - (ii) that Clearing Member being unable, or likely to be unable, to meet its obligations under these Rules or in respect of any Contract;
 - (iii) a Monetary [Default or Delivery](#) Default occurring with respect to that Clearing Member;
 - (iv) any Financial Indebtedness of that Clearing Member or any of its Group Companies: (A) not being paid when due or within any originally applicable grace period; or (B) being declared to be or otherwise becoming due and payable prior to its specified maturity as a result of an event of default (however described);
 - (v) any commitment for any Financial Indebtedness of that Clearing Member or any of its Group Companies being cancelled or suspended by a creditor as a result of an event of default (however described);
 - (vi) any creditor of that Clearing Member or any of its Group Companies becoming entitled to declare any Financial Indebtedness due and payable prior to its specified maturity as a result of an event of default (however described);
 - (vii) an Insolvency in relation to that Clearing Member or any of its Group Companies;
 - (viii) any material action being taken against that Clearing Member (including, without limitation, any declaration of default, material adverse notice or finding, material fine, suspension or expulsion or withdrawal of, revocation of or failure to renew any permission, licence or authorisation) by any Governmental Authority, Regulatory Authority, Exchange, Clearing Organisation or Delivery Facility;
 - (ix) breach by that Clearing Member of any Applicable Law relevant to its business as a Clearing Member;

may be temporarily postponed or may not be enforced if the Clearing House in its discretion determines that any such suspension or termination would either (i) not be in the best interests of the Clearing House; or (ii) be likely adversely to affect the operation of any market.

- (b) As soon as practicable after the Clearing House has declared that a Clearing Member is subject to an Event of Default, the Clearing House shall issue a Default Notice to the Defaulter and shall provide a copy of such Default Notice to any other party to an affected Contract (if any). The Clearing House will issue a Circular in respect of any Default Notice specifying the name of the Defaulter. The Clearing House may at its discretion publish a copy of the relevant Default Notice in or together with a Circular. The Clearing House shall, as soon as reasonably practicable after issuing a Default Notice, appoint a day on which any net sums certified under Rule 906 are to be paid.
- (c) The Clearing House may take such steps pursuant to this Part 9 as appear in the circumstances to be necessary or expedient to discharge all the Defaulter's rights and liabilities under or in respect of Contracts to which it is party, to protect the Clearing House ~~and~~ its non-defaulting Clearing Members or Markets or to complete the process described in this Part 9.

Rule 903 *Treatment of Contracts following a Clearing Member Event of Default and Hedging*

- (a) The Clearing House shall be entitled to take any of the following steps at its discretion following the occurrence of an Event of Default with respect to a Clearing Member:
 - (i) to arrange for Contracts to be subject to a Transfer to a Transferee Clearing Member in accordance with Rule 904 and effect the same;
 - (ii) if it determines at its discretion that the protection of the financial integrity of the Clearing House so requires, or because of the cessation or curtailment of trading on a Market where contracts may be traded, to delay a close out or termination of some or all Contracts of the Defaulter;
 - (iii) subject always to Rule 102(q), if the Defaulter acts as Buying Clearing Member and Selling Clearing Member in respect of Contracts of the same Set, to net, offset, mutually close out or terminate such Contracts (or any part thereof) provided that, following such netting, offsetting, closing out or termination, Contracts representing in aggregate the Open Contract Position of the Defaulter in the relevant Set are recognised; and, in the case of CDS Contracts, the Clearing House shall amend the records of trades recorded in Deriv/SERV accordingly, provided that the Clearing House shall not be obliged to amend such records if it no longer has the necessary authority or access to do so or is otherwise prevented or restricted from doing so by an Insolvency Practitioner; and
 - (iv) to combine and replace two or more FX Contracts of a Defaulter (or any part of an FX Contract) with a single FX Contract, which may occur where the Defaulter is Reference Currency Seller under one of the FX Contracts in respect of a

particular currency and Reference Currency Buyer under the other FX Contract in respect of the same currency, and those two FX Contracts have the same FX Settlement Date.

- (b) All Contracts to which a Defaulter is party (which are not voidable and voided by the Clearing House pursuant to Part 4) shall be closed out in the manner set out in Rule 905 except to the extent that Rule 903(a) applies to such Contracts.
- (c) To the extent that any Contracts to which a Defaulter is party remain open from time to time (whether pursuant to Rule 903(a)(ii), pending Transfers, terminations or otherwise) or if the Clearing House is otherwise unable for any reason to liquidate Contracts in a prompt and orderly fashion, the Clearing House may authorise the execution from time to time for the account of the Clearing House, for the purpose of an orderly unwind of any Contracts to which a Defaulter is party or reducing the risk to the Clearing House and the risk to Clearing Members (in the case of Clearing Members, except to the extent that reducing any risk to Clearing Members creates or increases any risk for the Clearing House) resulting from the continued maintenance of such Contracts, of hedging transactions including, without limitation, the purchase, exercise, sale or grant of Contracts. Any such hedging transactions that are executed shall be submitted by Clearing Members with whom they are executed to the Clearing House for Clearing on a daily basis. Any costs, expenses or losses sustained by the Clearing House in connection with transactions effected pursuant to this Rule 903(b) shall be charged to the Defaulter and any gains shall be credited to the Defaulter in the relevant net sum calculation under Rule 906 for the Account in respect of which exposures were hedged.
- (d)
 - (i) If a CDS Contract or [Energy F&O](#) Contract is automatically terminated pursuant to an automatic early termination provision or under Applicable Law as a result of an Event of Default, Insolvency or related event affecting the Defaulter, this Part 9 shall apply *mutatis mutandis* in relation to such terminated Contract to which such Defaulter was party and the rights, obligations and liabilities relating thereto.
 - (ii) If an FX Contract is terminated pursuant to an automatic early termination provision or under Applicable Law as a result of any Event of Default or related event, or if Rule 209(c)(iii) applies, this Part 9 shall apply *mutatis mutandis* in relation to such terminated FX Contract and rights, obligations and liabilities relating thereto. For the avoidance of doubt, in any case where this Rule 903(d)(ii) applies as a result of Rule 209(c)(iii) applying, Rule 905(f) shall not apply to the extent that the same is disapplied by Rule 209(c).
- (e) Upon an Event of Default being declared with respect to a Clearing Member, any accrued or invoiced amounts shall be immediately due and payable by the Defaulter to the Clearing House.

pursuant to this Rule 904 which may be calculated without taking into account any amount that may be transferred by or due from the Defaulter to the Clearing House pursuant to the foregoing requirement but which has not been transferred.

Rule 905 *Termination and close out of Contracts on a Clearing Member Event of Default*

- (a) The following contracts shall be terminated or closed out in such manner as the Clearing House in its discretion may direct for the purposes of discharging all the rights, obligations and liabilities of the Defaulter:
- (i) Contracts to which a Defaulter is party, which are not voidable and voided by the Clearing House pursuant to Part 4, and which are required to be terminated or closed out pursuant to Rule 903(b);
 - (ii) contracts arising from hedging transactions made pursuant to Rule 903(b), which shall be treated as if they were "Contracts" for purposes of this Rule 905 and Rule ~~906~~[906](#);
 - (iii) [Linked Incoming Contracts, Linked Outgoing Contracts and Contracts arising as a result of Linked Outgoing Contracts.](#)

The Clearing House shall not be entitled to terminate or close out any rights or liabilities attributable to the Defaulter arising out of the relationship of principal and agent, where a Defaulter has entered into a contract as agent, but for the avoidance of doubt this requirement shall not restrict the Clearing House from closing out any Contract recorded in such a Customer Account of an FCM/BD Clearing Member. To the extent necessary, the Clearing House may take such steps pursuant to such powers as are granted pursuant to the Clearing Membership Agreement or Pledged Collateral Addendum.

- (b) Without prejudice to the generality of Rule 905(a), at the Clearing House's discretion, any of the following steps may be taken in respect of contracts to which Rule 905(a) applies:
- (i) The Clearing House may place, with one or more members of an Exchange, Clearing Organisation or over-the-counter marketplace upon which the relevant category of Contract is traded, orders for the purchase, grant, exercise or sale of Contracts. The Clearing House may designate and authorise an individual to be responsible for the placement of such orders or may enter into Contracts with non-defaulting Clearing Members by way of auction.
 - (ii) Contracts (or any part thereof) to which the Defaulter is party on opposite sides of the market of the same Set, or for [Energy F&O](#) Contracts having different expiration ~~months~~[dates](#) or exercise dates or for CDS Contracts having different series or version numbers or scheduled termination dates, may be terminated or closed out by the Clearing House pursuant to the submission of CDS Trade Particulars, any transactions, Invoicing Back or the creation of new Contracts to which the Defaulter is party at the Clearing House's discretion (regardless of whether they are held for different accounts or different beneficial owners), but

subject always to, and accounting for the close-out amounts under, Rule 906. FX Contracts (or any part thereof) on opposite sides of the market of the same Set or having different FX Settlement Dates may be terminated or closed out by the Clearing House pursuant to any transactions, Invoicing Back or the creation of new Contracts at the Clearing House's discretion (regardless of whether they are held for different accounts or different beneficial owners), but subject always to, and accounting for the close-out amounts under, Rule 906, for purposes of liquidation of Contracts, hedging market risks of the Defaulter or otherwise. For the avoidance of doubt but without prejudice to Rule 905(c), this Rule 905(b)(ii) does not empower the Clearing House to oblige non-defaulting Clearing Members to become party to any Contracts.

- (iii) FX Contracts of a Defaulter having different FX Settlement Dates may be combined, terminated and replaced by any transactions, Invoicing Back or the creation of new FX Contracts at the Clearing House's discretion, for purposes of liquidation of Contracts, hedging market risks of the Defaulter or otherwise, if the Defaulter is Reference Currency Buyer under one of the FX Contracts in respect of a particular currency and Reference Currency Seller under the other FX Contract in respect of the same currency.
- (iv) Any Contracts (including those recorded in one of the Defaulter's Customer Position Accounts) which are sale and purchase Contracts in the same Set may be closed out and terminated (in whole or in part), together with any termination payments settled by way of off-set.
- (v) An Option may be terminated, exercised or abandoned, at the discretion of the Clearing House, and in any case where an Option is exercised, the Clearing House may terminate or close out the Future or Contract of Sale, if any, arising as a result of such exercise in accordance with the provisions of this Rule 905.
- (vi) Notwithstanding any other provision of this Rule 905, the Clearing House may pair and cancel offsetting Long and Short positions in the same Future or Option Set or 'Selling Clearing Member' and 'Buying Clearing Member' positions in any Set of CDS Contracts or FX Contracts; and where it is necessary or desirable for there to be a price (for example, in the case of a liquidation of offsetting Customer Account and Proprietary Account Contracts or the liquidation of offsetting Contracts recorded in different Customer Accounts, where in each case, the close-out values of the offsetting Contracts are required be taken into account for the calculation of different net sums pursuant to Rule 102(q) and Rule 906), the price for a Future or Option Contract will be equal to the Settlement Price, the price for a CDS Contract will be the Mark-to-Market Price or for FX Contracts at the FX Market Price, in either case on the day such cancellation is ordered (or alternatively, such other price shall apply as the Clearing House may establish in accordance with the Procedures and its risk policies).
- (vii) The Clearing House shall be entitled (without the prior or subsequent consent or agreement of the Defaulter or any court order) to sell, transfer, value or create any

required on the part of any Person. This may be done through the Clearing House's exercise of rights pursuant to its power of attorney in the relevant Clearing Membership Agreement with the Defaulter or on the basis of this default rule, as opposed to pursuant to the process and legal entitlements described further in Rule 904.

- (xvi) The Clearing House may take action so as to terminate or replace Customer-CM CDS Transactions, Corresponding Contracts or other transactions between a Customer and a Defaulter which are consequential on it taking actions in relation to Contracts in accordance with Rule 904.
- (xvii) The Clearing House shall be entitled to take any other action with respect to the Defaulter, the Contracts to which the Defaulter is party or any Margin, Guaranty Fund Contribution or Surplus Collateral provided by the Defaulter as the Clearing House at its discretion considers to be necessary or prudent in the circumstances.
- (xviii) The Clearing House may make appropriate entries on the records of the Clearing House and submit appropriate data to Deriv/SERV, Delivery Facilities and other applicable repositories or registers to give effect to any action taken in accordance with this Part 9.

(xix) Without prejudice to the generality of the foregoing, the Clearing House may, at the expense of a Defaulter, enter into replacement or offsetting Contracts with non-defaulting Clearing Members in respect of Participating Exchange Transactions or Linked Outgoing Contracts of a Defaulter to facilitate the transfer under Rule 410 of Participating Exchange Transactions or Linked Outgoing Contracts to which a non-defaulting Clearing Member is or was a party. The Clearing House may take such other actions and steps as are necessary in order to facilitate transfers of Participating Exchange Transactions or Linked Outgoing Contracts to which non-defaulting Clearing Members are party, including with Participating Exchanges and Cleared Exchanges.

- (c) To the extent that the Clearing House does not terminate, transfer or close out all of the CDS Contracts of a Defaulter, the Clearing House may at its discretion require the entry into of new CDS Contracts between the Clearing House and CDS Clearing Members that are not Defaulters (which CDS Contracts replace any remaining CDS Contracts of the Defaulter) at a price determined by the Clearing House, taking into account the minimum target price determined in accordance with the CDS Procedures, on a *pro rata* basis (or as near as practicable, with odd lots determined by the Clearing House and assigned randomly) in proportion to the size of each CDS Clearing Member's required CDS Guaranty Fund Contribution relative to the aggregate of all required CDS Guaranty Fund Contributions. In any such circumstances, the provisions of Part 4 of the Rules (including without limitation Rule 401(a)(x)) shall apply to the formation of any new CDS Contracts resulting from such action, as part of the Clearing House's default rules. To the extent that any new CDS Contracts arise pursuant to the procedure set out in this Rule 905(c), an equal notional amount of CDS Contracts of each relevant Set to which

the Defaulter was party shall be treated as having been closed out and terminated at the same price.

- (d) If, as a result of the rules of an Exchange which limit fluctuations in price or other circumstances, it is not possible to close out or terminate all Contracts to which the Defaulter is party pursuant to Rule 905(b) or Rule 905(c), the Clearing House may close out or terminate such Contracts by taking opposite positions for ~~Energy~~F&O Contracts in Contracts in the current expiration ~~month~~period, for CDS Contracts in Contracts of a different series or version number or scheduled termination date or, for FX Contracts in Contracts of a different FX Settlement Date, and terminating the resultant terminated positions.
- (e) All terminations and closing out of Contracts pursuant to this Rule 905 shall be for the account and cost of the Defaulter.
- (f) Without prejudice to the generality of the indemnities in Rules 111 and 301, but without duplication of any other obligation under these Rules, the Defaulter, acting for its own account as principal, shall indemnify, hold harmless and be liable to the Clearing House in respect of all the losses, unpaid fees, liabilities, damages, injuries, taxes, costs and expenses (including, without limitation, legal, accountancy or other professional services expenses and disbursements, the costs of close-out, termination or Transfer of Contracts or Margin and any amount payable by the Clearing House to any Person in respect of tax in connection with the Defaulter or its Contracts, Margin, obligations or the Event of Default), in the case of any such item whether relating to a Proprietary Account or Customer Account of the Defaulter, incurred or suffered by any of the Clearing House, any Market or any of their officers or employees or those of their Affiliates arising out of the Defaulter's conduct (whether such conduct took place prior to or after declaration of the Event of Default) or in connection with the Event of Default. Rule 111(b) shall apply in respect of this Rule 905(f) in the same way as it applies to Rule 111(a).

Rule 906 *Net Sums Payable*

- (a) Following discharge of a Defaulter's rights, obligations and liabilities under Contracts pursuant to this Part 9, the Clearing House shall carry out the following calculation separately in respect of the Proprietary Account and each different Customer Account of the Defaulter. The calculation set out below follows the requirements relating to default rules of recognised clearing houses set out in the Financial Services and Markets Act 2000 (Recognition Requirements for Investment Exchanges and Clearing Houses) Regulations 2001 (SI 2001/995). The methodology involves aggregating or setting off various amounts (as applicable) so as to produce separate net sums for the Proprietary Account and each different Customer Account of the Defaulter (each such net sum, *N*) in each case defined by the formula:

$$N = L - A - D - C - M - GFC - SC - OA + OL$$

where such letters have the meanings set out below in this Rule 906(a):

successfully and fully made by the Clearing Member to or to the account of the Clearing House; or (B) the last date on which a return of amounts following a Variation Margin, FX Mark-to-Market Margin or Mark-to-Market Margin call was successfully and fully made by the Clearing House to the Clearing Member or to the account of the Clearing Member; and

(y) the price at which the Contract or Open Contract Position was Transferred, terminated or closed out pursuant to Rules 903 to 905.

D = if the Clearing House so determines at its discretion, the aggregate amount of any sums in respect of a ~~Commodity or Investment~~ Deliverable delivered, physically settled, to be delivered or to be physically settled under a Contract with the Defaulter or in respect of which cash settlement is to be made as calculated by the Clearing House at its discretion (if payable to the Clearing Member being a positive number and hence set off in the calculation under this Rule 906(a) against any amount *L-A* if that amount is also a positive number or if payable to the Clearing House being a negative number and aggregated in the calculation under this Rule 906(a) with any amount *L-A* if that amount is a positive number), in any case excluding any amount included under *C*, *M*, *GFC* or *SC*.

C = if relevant, any sum owed by or to the Clearing House to or from a recognised investment exchange or another recognised clearing house of which the Defaulter is or was a member, under an indemnity given or reimbursement or similar obligation in respect of a margin set off agreement in which the Defaulter chose to participate (if payable to the Clearing Member being a positive number and set off in the calculation under this Rule 906(a) against any amount *L-A-D* if that amount is also a positive number or if payable to the Clearing House being a negative number and aggregated in the calculation under this Rule 906(a) with any amount *L-A-D* if that amount is a positive number).

M = means

- (i) in relation to a net sum calculation for the Proprietary Account of the Defaulter, any property provided by or on behalf of the Defaulter as margin under Rule 502(g), Original Margin, FX Original Margin, Initial Margin, buyer's security or seller's security (without any double counting) or in satisfaction of such Margin requirements and recorded in the Proprietary Margin Account of the Defaulter; or
- (ii) in relation to a net sum calculation for any Customer Account of the Defaulter (other than a Swap Customer Account of an FCM/BD Clearing Member), any property provided by or on behalf of the Defaulter as margin under Rule 502(g), Original Margin, FX Original Margin, Initial Margin, buyer's security or seller's security (without any double counting) or in satisfaction of such Margin requirements that is recorded in the related Customer Margin Account of the Defaulter, excluding any Margin that would otherwise fall under amount *M* but that is transferred to a Transferee Clearing Member pursuant to this Part 9, and further excluding, for the avoidance of doubt, in relation to a Designated CDS

Customer Account, the Customer Account Gross-Net Amount and any Surplus Collateral,

- (iii) in relation to a net sum calculation for a Swap Customer Account of an FCM/BD Clearing Member, any property provided by or on behalf of the Defaulter as margin under Rule 502(g), Original Margin, ~~FX-Original Margin~~, Initial Margin, buyer's security or seller's security (without any double counting) (collectively, "**FCM Swap Customer IM**") or in satisfaction of such Margin requirements that is recorded in the related Customer Margin Account of the Defaulter, excluding any Margin that would otherwise fall under amount M but that is transferred to a Transferee Clearing Member pursuant to this Part 9 and further excluding, for the avoidance of doubt, any Surplus Collateral, provided that such assets allocated to a particular Customer Swap Portfolio and proceeds thereof shall only be included in M to the extent of obligations to the Clearing House in respect of Open Contract Positions in such Customer Swap Portfolio in accordance with CFTC Rule 22.15, and provided, further, that where an amount payable by the Defaulter as determined in $L(i)$ -(iii) includes a net obligation (after taking into account Variation Margin or Mark-to-Market Margin in accordance with the 'Note on Calculation of the Amounts in L and A ') in respect of Open Contract Positions of the Defaulter in relation to multiple Customer Swap Portfolios, M shall include the FCM Swap Customer IM allocated to each Customer Swap Portfolio to which a corresponding payment or margin obligation to the Clearing House is referable up to the amount of such payment or obligation;

including in any such case under $M(i)$, (ii) or (iii) any such Margin transferred to the Clearing House by the Defaulter and any amounts received by the Clearing House pursuant to a letter of credit or Controller Guarantee entered into in favour of the Clearing House in satisfaction of such applicable Margin requirements that would, if the Margin was funded, fall under M .

GFC = any property provided by or on behalf of the Defaulter as Guaranty Fund Contributions, which may be applied in connection with the net sum for any Customer Account or the Proprietary Account of the Defaulter at the discretion of the Clearing House regardless of the basis under which any Guaranty Fund Contribution was calculated under Rule 1101(e), provided that the total applied to the Customer Accounts and Proprietary Account of a Defaulter under GFC shall not exceed the total Guaranty Fund Contributions of the Defaulter.

SC =

- (i) in the case of a Defaulter that was a Non-FCM/BD CDS Clearing Member and a CDS Customer Account: any property provided by or on behalf of the Defaulter that constitutes Surplus Collateral or the Customer Account Gross-Net Amount;
- (ii) otherwise, any property provided by or on behalf of the Defaulter that constitutes Surplus Collateral,

Part 11 Guaranty Funds

Rule 1101 *Establishment and parameters of the Guaranty Funds*

- (a) There shall be three separate Guaranty Funds operated by the Clearing House: the [EnergyF&O](#) Guaranty Fund, the CDS Guaranty Fund and the FX Guaranty Fund. [EnergyF&O](#) Clearing Members shall be liable to make and maintain [EnergyF&O](#) Guaranty Fund Contributions. CDS Clearing Members shall be liable to make and maintain CDS Guaranty Fund Contributions. FX Clearing Members shall be liable to make and maintain FX Guaranty Fund Contributions. The total amount required in each Guaranty Fund will be established by the Clearing House in accordance with the Finance Procedures. The total amount of the [EnergyF&O](#) Guaranty Fund will be expressed in USD and will be reviewed quarterly by the Clearing House. [F&O Guaranty Fund Contributions will be designated for each Guaranty Fund Period and F&O Clearing Member as relating primarily to either Energy or LIFFE Clearing, based on the Margin requirements for such Contracts for the purposes of Rule 1103\(a\)\(ix\) to \(x\).](#) The total amounts of the CDS Guaranty Fund and the FX Guaranty Fund will be expressed in the currencies set out in the Finance Procedures and will be reviewed periodically by the Clearing House in advance of the end of each Guaranty Fund Period for each of those Guaranty Funds. If the Clearing House determines that the total amount in any Guaranty Fund is to change, Clearing Members will be given notice by Circular and will be informed of their new Guaranty Fund Contribution requirements prior to the start of the Guaranty Fund Period when the change becomes effective.
- (b) The Clearing House will communicate to Clearing Members by Circular the basis on which their Guaranty Fund Contributions are calculated.
- (c) The Clearing House may vary the parameters by reference to which Guaranty Fund Contributions are calculated from time to time and at any time upon issuing a Circular to Clearing Members. Any new parameters will come into effect on the date of the next applicable re-calculation of Guaranty Fund Contributions, unless Clearing Members are otherwise notified of a different effective date.
- (d) Clearing Members shall be required and liable to make Guaranty Fund Contributions in the amounts and at the times specified in accordance with Rule 1102 and Part 3, such that the Guaranty Funds are always at least of the size required pursuant to this Rule 1101, except in circumstances in which amounts are drawn down from any Guaranty Fund in order to meet liabilities resulting from an Event of Default and such amounts have not been replenished in accordance with this Part 11.
- (e) Separate amounts of CDS Guaranty Fund Contribution will be calculated based on the Proprietary Account Positions and Customer Account Positions (if any) relating to CDS Contracts of a CDS Clearing Member but this shall not result in any restriction on the use of any CDS Guaranty Fund Contribution following an Event of Default.

Rule 1102 *Clearing Members' Contributions*

- (a) Clearing Members' required Guaranty Fund Contributions at the start of each Guaranty Fund Period (or otherwise when a payment to a Guaranty Fund is due) will be calculated with reference to the total amount of the relevant Guaranty Fund established pursuant to Rule 1101.
- (b) CDS Guaranty Fund Contributions for each CDS Clearing Member will be calculated each Guaranty Fund Period based on criteria set out in the Finance Procedures and Circulars. [EnergyF&O](#) Guaranty Fund Contributions for each [EnergyF&O](#) Clearing Member will be proportional to its relative share of the total of the average of the highest valid daily intra-day calculations of each Clearing Member as calculated by the Clearing House, in accordance with Rule 503(b), over the preceding Guaranty Fund Period, subject to the minimum contribution of any one Clearing Member being USD 1 million. FX Guaranty Fund Contributions for each FX Clearing Member will be calculated each Guaranty Fund Period based on criteria set out in the Procedures and Circulars.
- (c) Required Guaranty Fund Contributions will be calculated or re-calculated, as the case may be, by the Clearing House for each Clearing Member and notified in advance of each Guaranty Fund Period.
- (d) Guaranty Fund Contributions must be in the form of cash or other Permitted Cover, subject to such limits as are specified in the Finance Procedures and Circulars.
- (e) In the event of any change in the value of non-cash Guaranty Fund Contributions, the Clearing Member may be required by the Clearing House to make an additional Guaranty Fund Contribution. Clearing Members will be permitted (and may be required) at any time to make additional Guaranty Fund Contributions (beyond the required Guaranty Fund Contributions) in order to reduce the risk that revaluations of non-cash Permitted Cover result in such additional Guaranty Fund Contributions falling due.
- (f) New Clearing Members admitted to membership of the Clearing House shall make the required minimum Guaranty Fund Contributions plus such other amount as the Clearing House at its discretion determines is necessary based on projected clearing activity. Any such Guaranty Fund Contributions by a new Clearing Member or Clearing Members shall not result in any obligation on the Clearing House to repay any Guaranty Fund Contributions to other Clearing Members and the size of the relevant Guaranty Funds shall be increased accordingly until the end of the relevant Guaranty Fund Period.
- (g) [EnergyF&O](#) Guaranty Fund Contributions and CDS Guaranty Fund Contributions of a Clearing Member following termination of its membership of the Clearing House will be returned to the Clearing Member on the first date of the first new Guaranty Fund Period beginning after the Transfer, close out or termination of all of its positions at the Clearing House and the payment of all other amounts due to the Clearing House (subject to [EnergyF&O](#) Guaranty Fund Contributions and CDS Guaranty Fund Contributions being applied under Part 9 or this Part 11 and further subject to any extension to the [EnergyF&O](#) Guaranty Fund Period or CDS Guaranty Fund Period pursuant to Rule

1102(l)). [EnergyF&O](#) Guaranty Fund Contributions of a Clearing Member that is both an [EnergyF&O](#) Clearing Member and a CDS Clearing Member or FX Clearing Member following termination of its membership of the Clearing House in relation to [EnergyF&O](#) Contracts under Rule 209(f) will be returned to the Clearing Member on the first date of the first new Guaranty Fund Period for the [EnergyF&O](#) Guaranty Fund beginning after the Transfer, close out or termination of all of its [EnergyF&O](#) Contract positions at the Clearing House and the payment of all other amounts due to the Clearing House in respect of [EnergyF&O](#) Contracts (subject to [EnergyF&O](#) Guaranty Fund Contributions being applied under Part 9 or this Part 11 and further subject to any extension to the Guaranty Fund Period for the [EnergyF&O](#) Guaranty Fund pursuant to Rule 1102(l)). CDS Guaranty Fund Contributions of a Clearing Member that is both an [EnergyF&O](#) Clearing Member and a CDS Clearing Member following termination of its membership of the Clearing House in relation to CDS under Rule 209(f) will be returned to the Clearing Member on the first date of the first new Guaranty Fund Period for the CDS Guaranty Fund beginning after the Transfer, close out or termination of all of its CDS Contract positions at the Clearing House and the payment of all other amounts due to the Clearing House in respect of CDS Contracts (subject to CDS Guaranty Fund Contributions being applied under Part 9 or this Part 11 and further subject to any extension to the Guaranty Fund Period for the CDS Guaranty Fund pursuant to Rule 1102(l)). The obligation of the Clearing House to return to an FX Clearing Member any remaining portion of its FX Guaranty Fund Contributions in the event of termination of its FX clearing membership of the Clearing House will be satisfied by accounting for the amount of that obligation in the determination of a net sum under Rule 906, a net sum as referred to in Rule 209(c) or a net sum in respect of FX under Rule 209(g) (whichever is applicable or the earlier), in either case payable by the Clearing House or the Clearing Member to the other, provided that the determination of the portion of such FX Guaranty Fund Contributions to be so taken into account may be made up to and including the first date of the first new FX Guaranty Fund Period beginning after the transfer or liquidation of all of the relevant FX Clearing Member's FX Contracts at the Clearing House.

- (h) Each Clearing Member will be entitled to receive interest payments on its cash Guaranty Fund Contributions each quarter through the banking arrangements detailed in Part 3 and no accommodation charges will apply to any non-cash Guaranty Fund Contributions.
- (i) In the event of application of any Guaranty Fund Contributions taking place pursuant to Rule 1103 or Rule 1104, the Clearing House shall:
 - (i) give notice by Circular of the amount by which each relevant Guaranty Fund has been reduced;
 - (ii) notify each Clearing Member and any relevant former Clearing Member of the amount for which it is liable to make additional Guaranty Fund Contributions in order to replenish the relevant Guaranty Funds;
 - (iii) in the case of any [EnergyF&O](#) Guaranty Fund Contributions being applied, specify the new amount of each of the Clearing House [EnergyF&O](#) Contributions by Circular;

- (iv) in the case of any CDS Guaranty Fund Contributions being applied, specify the new amount of each of the Clearing House CDS Contributions by Circular; and
- (v) in the case of any FX Guaranty Fund Contributions being applied, specify the new amount of each of the Clearing House FX Contributions by Circular.

EnergyF&O Clearing Members must make required EnergyF&O Guaranty Fund Contributions within ten Business Days of the notice under Rule 1102(i)(ii), or on or before such other later date as is specified by the Clearing House at its discretion. CDS Clearing Members must make required CDS Guaranty Fund Contributions and FX Clearing Members must make required FX Guaranty Fund Contributions prior to the opening of business on the first Business Day following the notice under Rule 1102(i)(ii) or such other later date as is specified by the Clearing House at its discretion. The Clearing House shall ensure that any specified new Clearing House Contributions are held by it in accordance with Rule 1104(e) at the same date as Guaranty Fund Contributions for the relevant Guaranty Fund are so due. Any obligation on a Clearing Member to make payments pursuant to this Rule 1102(i) is separate from, and shall apply in addition to, any obligation to make payment in respect of EnergyF&O Assessment Contributions pursuant to Rule 1105 (subject only to the provisions of Rules 1105(h) and 1105(i)) or CDS Assessment Contributions pursuant to Rule 1106 (subject only to the provisions of Rules 1106(h) and 1106(i)) or FX Assessment Contributions pursuant to Rule 1107 (subject only to the provisions of Rules 1107(h) and 1107(i)).

- (j) If:
 - (i) an Event of Default is declared in relation to more than one Defaulter contemporaneously (excluding an Event of Default declared in respect of a Disclosed Principal Member, only when an Event of Default is declared contemporaneously in respect of the Clearing Member that identified that Disclosed Principal Member in accordance with Rule 201(h)) (the defaulter in respect of whom default proceedings are first completed being the "**First Defaulter**" and any other defaulter being an "**Additional Defaulter**" or, if default proceedings are completed at the same time, the Defaulter whose name would appear first alphabetically being the "**First Defaulter**" and any other Defaulter or Defaulters being an "**Additional Defaulter**"); or
 - (ii) a separate Event of Default is declared in relation to a Defaulter or Defaulters that has or have made a Guaranty Fund Contribution or Guaranty Fund Contributions to the same Guaranty Fund (any, an "**Additional Defaulter**") prior to the termination of default proceedings in relation to an existing Defaulter ("**First Defaulter**"),

and recourse is made to Guaranty Fund Contributions in respect of the First Defaulter (or any Additional Defaulter), then (subject in the case of FX Guaranty Fund Contributions only to Rule 1107(h) and Rule 1107(i)) Clearing Members shall be required to replenish the relevant Guaranty Fund pursuant to Rule 1102(i) separately in respect of each Defaulter causing a reduction in the Guaranty Fund. The Clearing House may apply

Guaranty Fund Contributions and Clearing House Contributions resulting from replenishment following default proceedings in relation to the First Defaulter to meet the liabilities of an Additional Defaulter and may apply Guaranty Fund Contributions and Clearing House Contributions resulting from replenishment following default proceedings in relation to an Additional Defaulter to meet the liabilities of another Additional Defaulter. Other than as set out in this Rule 1102(j), amounts transferred by Clearing Members or former Clearing Members in order to replenish Guaranty Fund Contributions under Rule 1102(i) or amounts designated as Clearing House Contributions may not be applied to meet liabilities arising in connection with any Event of Default occurring prior to the time at which the relevant replenishment or designation is required under these Rules.

- (k) In the event of the Clearing House applying any Guaranty Fund Contributions of non-defaulting Clearing Members, the Clearing House will make payment to the Persons whose Guaranty Fund Contributions have been applied (and retain assets in respect of Clearing House ~~Energy~~~~F&O~~ GF Contributions, Clearing House CDS GF Contributions and Clearing House FX GF Contributions) *pro rata* in respect of any amounts received from the Defaulter as a result of its being a creditor of the Defaulter in the Defaulter's Insolvency or otherwise (net of the Clearing House's costs of recovery), up to the amount by which the relevant Guaranty Fund was reduced (excluding the Guaranty Fund Contribution of the Defaulter) but without counting for interest, subject to the Clearing House first: (i) retaining or repaying amounts up to the amount of any other assets of the Clearing House (including following claims under insurance policies) or other third parties applied to meet any shortfall or loss following exhaustion of the assets specified in Rule 1104 or in substitution of any such assets; and (ii) making reimbursement payments to Persons that have made Assessment Contributions (in that order of priority).
- (l) If an Event of Default occurs prior to the end of a Guaranty Fund Period where the total amount of Guaranty Fund Contributions or the Guaranty Fund Contribution of any particular Clearing Member would otherwise subsequently be reduced in the next Guaranty Fund Period, the Clearing House shall at its discretion be entitled to defer the end of the current Guaranty Fund Period and start of the next Guaranty Fund Period until the completion of default proceedings or retain all then held Guaranty Fund Contributions made to any potentially affected Guaranty Fund. In either such circumstance, the Clearing House shall not be obliged to make any repayment to Clearing Members in respect of Guaranty Fund Contributions to any such Guaranty Fund until and subject to completion of the relevant Default proceedings pursuant to Part 9 and this Part 11. For the avoidance of doubt: in such circumstances, the Clearing House shall nonetheless be entitled to make periodic adjustments to Guaranty Fund Contributions as otherwise set out in these Rules at its discretion; and this Rule 1102(l) is without prejudice to Rule 1102(m) and Rule 1102(n).
- (m) If a CDS Clearing Member's business changes in a material way, a CDS Clearing Member's anticipated clearing volume of Contracts indicates a potential increase in risk to the Clearing House at any time during a Guaranty Fund Period or as otherwise required by the Finance Procedures, which determinations shall be made and conducted at the Clearing House's discretion, then the Clearing House may require the CDS

Clearing Member to increase the amount of its Guaranty Fund Contribution at the time specified by the Clearing House. Any such Guaranty Fund Contributions shall not result in any obligation on the Clearing House to repay any Guaranty Fund Contributions to other Clearing Members and the size of the relevant Guaranty Funds shall be increased accordingly until the end of the relevant Guaranty Fund Period.

- (n) If an FX Clearing Member's business changes in a material way, an FX Clearing Member's anticipated clearing volume of Contracts indicates a potential increase in risk to the Clearing House at any time during a Guaranty Fund Period or as otherwise required by the Procedures, which determinations shall be made and conducted at the Clearing House's discretion, then the Clearing House may require the FX Clearing Member to increase the amount of its Guaranty Fund Contribution at the time specified by the Clearing House. Any such Guaranty Fund Contributions shall not result in any obligation on the Clearing House to repay any Guaranty Fund Contributions to other Clearing Members and the size of the relevant Guaranty Funds shall be increased accordingly until the end of the relevant Guaranty Fund Period.

Rule 1103 *Application of Assets upon an Event of Default*

- (a) Notwithstanding any other provision of these Rules:
 - (i) if a Defaulter was only liable to make a Guaranty Fund Contribution relating to a single Membership Category, no Guaranty Fund Contributions, Assessment Contributions, or Clearing House Contributions relating to a different Membership Category shall be applied by the Clearing House to meet any obligations or liabilities of the Defaulter or any loss or shortfall to the Clearing House arising from the Event of Default;
 - (ii) if a Defaulter was only liable to make Guaranty Fund Contributions relating to two Membership Categories, no Guaranty Fund Contributions, Assessment Contributions or Clearing House Contributions relating to a different Membership Category shall be applied by the Clearing House to meet any obligations or liabilities of the Defaulter or any loss or shortfall to the Clearing House arising from the Event of Default;
 - (iii) any Guaranty Fund Contributions (including additional Guaranty Fund Contributions) invoiced to or transferred by Clearing Members that are not Defaulters or accrued in each case after the declaration of an Event of Default but prior to the completion of the relevant default proceedings for the Event of Default shall not be applied to meet any obligations or liabilities of the Defaulter or any loss or shortfall to the Clearing House arising in connection with that prior Event of Default;
 - (iv) if a Defaulter was an [EnergyF&O](#) Clearing Member and had one or more other Membership Categories, and any [EnergyF&O](#) Guaranty Fund Contribution of the Defaulter is applied other than as described in Rule 1103(g)(ii)(A), no non-defaulting [EnergyF&O](#) Clearing Member shall be required to make any

payment to replenish the [EnergyF&O](#) Guaranty Fund under Rule 1102(i) or (j) in respect of the resulting incremental shortfall to the [EnergyF&O](#) Guaranty Fund caused by such application of assets prior to the date which is the first day of the next following Guaranty Fund Period for the [EnergyF&O](#) Guaranty Fund (other than pursuant to Rule 903(e), if the non-defaulting [EnergyF&O](#) Clearing Member becomes a Defaulter);

- (v) if a Defaulter was a CDS Clearing Member and had one or more other Membership Categories and any CDS Guaranty Fund Contribution of the Defaulter is applied other than as described in Rule 1103(g)(ii)(B), no non-defaulting CDS Clearing Member shall be required to make any payment to replenish the CDS Guaranty Fund under Rule 1102(i) or (j) in respect of the resulting incremental shortfall to the CDS Guaranty Fund caused by such application of assets prior to the date which is the first day of the next following Guaranty Fund Period for the CDS Guaranty Fund (other than pursuant to Rule 903(e), if the non-defaulting CDS Clearing Member becomes a Defaulter);
- (vi) if a Defaulter was an FX Clearing Member and had one or more other Membership Categories, and any FX Guaranty Fund Contribution of the Defaulter is applied other than as described in Rule 1103(g)(ii)(C), no non-defaulting FX Clearing Member shall be required to make any payment to replenish the FX Guaranty Fund under Rule 1102(i) or (j) in respect of the resulting incremental shortfall to the FX Guaranty Fund caused by such application of assets prior to the date which is the first day of the next following Guaranty Fund Period for the FX Guaranty Fund (other than pursuant to Rule 903(e), if the non-defaulting FX Clearing Member becomes a Defaulter);
- (vii) without limitation to the generality of Rule 102(q), this Rule 1103 is subject to Rule 102(q); **and**
- (viii) for the avoidance of doubt, in connection with an Event of Default of a Non-FCM/BD CDS Clearing Member which has a Designated CDS Customer Account, references to the application of Guaranty Fund Contributions, Assessment Contributions and Clearing House Contributions in these Rules include the use by the Clearing House of amounts representing the proceeds of such contributions for payment of amounts it is obliged to pay the Defaulter under Rule 906(i) (and included in item *SC* of the net sum calculation in Rule 906(a));
- (ix) where the loss or shortfall relates to Energy Contracts: (A) the Clearing House F&O Initial (Energy) Contribution shall be applied and exhausted prior to applying the Clearing House F&O Initial (LIFFE) Contribution; (B) the F&O Guaranty Fund Contributions relating to Energy Contracts shall be applied and exhausted prior to applying the F&O Guaranty Fund Contributions relating to LIFFE Contracts; (C) the Clearing House F&O GF (Energy) Contribution shall be applied and exhausted prior to applying the Clearing House F&O GF (LIFFE) Contribution; and (D) F&O Assessment Contributions relating to Energy

Contracts shall be applied and exhausted prior to applying F&O Assessment Contributions relating to LIFFE Contracts;

- (x) where the loss or shortfall relates to LIFFE Contracts: (A) the Clearing House F&O Initial (LIFFE) Contribution shall be applied and exhausted prior to applying the Clearing House F&O Initial (Energy) Contribution; (B) the F&O Guaranty Fund Contributions relating to LIFFE Contracts shall be applied and exhausted prior to applying the F&O Guaranty Fund Contributions relating to Energy Contracts; (C) the Clearing House F&O GF (LIFFE) Contribution shall be applied and exhausted prior to applying the Clearing House F&O GF (Energy) Contribution; and (D) F&O Assessment Contributions relating to LIFFE Contracts shall be applied and exhausted prior to applying F&O Assessment Contributions relating to Energy Contracts; and
- (xi) in determining whether a loss or shortfall relates to Energy Contracts or to LIFFE Contracts for the purposes of Rule 1103(a)(ix) and (x), the principles set out in Rule 1103(e) for the attribution of liabilities to particular Contract Categories shall be applied as if Energy Contracts and LIFFE Contracts were two separate Contract Categories, *mutatis mutandis*.

- (b) In the case of a Defaulter that was an **EnergyF&O** Clearing Member but neither a CDS Clearing Member nor an FX Clearing Member, the Clearing House shall be entitled to apply assets to meet the obligations and liabilities of the Defaulter and any loss or shortfall to the Clearing House upon or following any Event of Default of that Clearing Member (including in connection with any net sum calculated under Rule 906), in the following order of recourse:
 - (i) first, any amounts falling under *A*, *D*, *C* or *M* in Rule 906(a), in the order specified in Rule 906(a);
 - (ii) second, Guaranty Fund Contributions of the Defaulter and any accrued interest or rights arising pursuant to such Guaranty Fund Contributions falling under amount *GFC* in Rule 906(a);
 - (iii) third, any amounts falling under *SC* or *OA* in Rule 906(a) in the order specified in Rule 906(a) (provided that the Clearing House shall not be required to assert or pursue any such claim or bring any such action as a precondition to applying assets referred to in Rule 1103(b)(iv) to (vii) but shall be required to account for any subsequent proceeds not included in the amount determined, less the costs of realising any such claim or action or obtaining such amount or asset);
 - (iv) fourth, the Clearing House **EnergyF&O** Initial Contribution;
 - (v) fifth:
 - (A) **EnergyF&O** Guaranty Fund Contributions of Clearing Members other than the Defaulter in question (including, where relevant, any surplus **EnergyF&O** Guaranty Fund Contributions of other Defaulters, if two or

more Default proceedings take place concurrently and any such surplus is available); and

(B) the Clearing House [EnergyF&O](#) GF Contribution,

on a basis *pro rata* to the sum of the total of all [EnergyF&O](#) Guaranty Fund Contributions (excluding [EnergyF&O](#) Guaranty Fund Contributions of the Defaulter and [EnergyF&O](#) Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House [EnergyF&O](#) GF Contribution at the time of the Event of Default;

(vi) sixth, subject to Rule 1104(d), any claims under default insurance policies (including the proceeds of any claim) of which the Clearing House is the beneficiary that are available to the Clearing House as a result of the Event of Default; and

(vii) seventh, [EnergyF&O](#) Assessment Contributions received by the Clearing House pursuant to Rule 1105.

(c) In the case of a Defaulter which was a CDS Clearing Member but neither an [EnergyF&O](#) Clearing Member nor an FX Clearing Member, the Clearing House shall be entitled to apply assets to meet the obligations and liabilities of the Defaulter and any loss or shortfall (including, in respect of a CDS Customer Account of a Defaulter which was a Non-FCM/BD CDS Clearing Member, any Gross Margin Shortfall) to the Clearing House upon or following any Event of Default of that Clearing Member (including in connection with any net sum calculated under Rule 906), in the following order of recourse:

(i) first, any amounts falling under *A*, *D*, *C* or *M* in Rule 906(a), in the order specified in Rule 906(a);

(ii) second, Guaranty Fund Contributions of the Defaulter and any accrued interest or rights arising pursuant to such Guaranty Fund Contributions falling under amount *GFC* in Rule 906(a);

(iii) third, any amounts falling under *SC* or *OA* in Rule 906(a) in the order specified in Rule 906(a) (provided that the Clearing House shall not be required to assert or pursue any such claim or bring any such action as a precondition to applying assets referred to in Rule 1103(c)(iv) to (vi) but shall be required to account for any subsequent proceeds not included in the amount determined, less the costs of realising any such claim or action or obtaining such amount or asset) (excluding, in respect of a Designated CDS Customer Account, assets applied pursuant to sub-paragraphs (iv) to (vi) below);

(iv) fourth, the Clearing House CDS Initial Contribution;

(v) fifth:

(A) CDS Guaranty Fund Contributions of Clearing Members other than the Defaulter in question (including, where relevant, any surplus CDS Guaranty Fund Contributions of other Defaulters, if two or more Default proceedings take place concurrently and any such surplus is available); and

(B) the Clearing House CDS GF Contribution,

on a basis pro rata to the sum of the total of all CDS Guaranty Fund Contributions (excluding CDS Guaranty Fund Contributions of the Defaulter and CDS Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House CDS GF Contribution at the time of the Event of Default; and

(vi) sixth, CDS Assessment Contributions received by the Clearing House pursuant to Rule 1106.

(d) In the case of a Defaulter which was an FX Clearing Member but neither an [EnergyF&O](#) Clearing Member nor a CDS Clearing Member, the Clearing House shall be entitled to apply assets to meet the obligations and liabilities of the Defaulter and any loss or shortfall to the Clearing House upon or following any Event of Default (including in connection with any net sum calculated under Rule 906), in the following order of recourse:

(i) first, any amounts payable to the Defaulter in respect of Contracts, any Margin and any other amounts falling under A, D, C or M in Rule 906(a), in the order specified in Rule 906(a);

(ii) second, FX Guaranty Fund Contributions of the Defaulter and any accrued interest or rights arising pursuant to such FX Guaranty Fund Contributions falling under amount GFC in Rule 906(a);

(iii) third, any amounts falling under SC or OA in Rule 906(a) in the order specified in Rule 906(a) (provided that the Clearing House shall not be required to assert or pursue any such claim or bring any such action as a precondition to applying assets referred to in paragraphs (iv) to (vi) below but shall be required to account for any subsequent proceeds not included in the amount determined, less the costs of realising any such claim or action or obtaining such amount or asset);

(iv) fourth, the Clearing House FX Initial Contribution;

(v) fifth:

(A) FX Guaranty Fund Contributions of Clearing Members other than the Defaulter in question (including, where relevant, any surplus FX Guaranty Fund Contributions of other Defaulters, if two or more Default proceedings take place concurrently and any such surplus is available); and

(B) the Clearing House FX GF Contribution,

on a basis *pro rata* to the sum of the total of all FX Guaranty Fund Contributions (excluding FX Guaranty Fund Contributions of the Defaulter and FX Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House FX GF Contribution at the time of the Event of Default; and

(vi) sixth, FX Assessment Contributions received by the Clearing House pursuant to Rule 1107.

(e) In the case of a Defaulter which held multiple Membership Categories, separate amounts shall be calculated in accordance with Rules 906(a) to (c) as if they were "net sums", *mutatis mutandis* in respect of assets and liabilities relating to the Clearing of [EnergyF&O](#) Contracts ("**EnergyF&O Default Amount**"), the Clearing of CDS Contracts ("**CDS Default Amount**") and the Clearing of FX Contracts ("**FX Default Amount**"), as follows:

(i) if an Account in respect of which a positive net sum was produced was used solely for the Clearing of [EnergyF&O](#) Contracts, then the net sum declared in respect of such account shall be the sole element of the [EnergyF&O](#) Default Amount in respect of such Account;

(ii) if an Account in respect of which a positive net sum was produced was used solely for the Clearing of CDS Contracts, then the net sum declared in respect of such account (or, for a Designated CDS Customer Account of a Non-FCM/BC CDS Clearing Member, the Gross Margin Shortfall where such Gross Margin Shortfall is not zero) shall be the sole element of the CDS Default Amount in respect of such Account;

(iii) if an Account in respect of which a positive net sum was produced was used solely for the Clearing of FX Contracts, then the net sum declared in respect of such account shall be the sole element of the FX Default Amount in respect of such Account;

(iv) if an Account in respect of which a positive net sum was produced was used for the Clearing of Contracts consisting of more than one Contract Category then:

(A) the CDS Default Amount shall include an amount in respect of such Account calculated by taking into account: any amounts, assets or liabilities included or to be included within the calculation of the amount *N* in Rule 906(a) in respect of CDS Contracts, Margin or Surplus Collateral in respect of positions in CDS Contracts, Guaranty Fund Contributions to the CDS Guaranty Fund and any other amounts, assets or liabilities relating in any case exclusively to CDS Contracts of the Defaulter, together with such Non-Exclusive Assets and Non-Exclusive Liabilities as are included as set out below (including, in the case of a

Designated CDS Customer Account and a Non-FCM/BD CDS Clearing Member, any obligation of the Clearing House to the Defaulter pursuant to Rule 906(i));

- (B) the [EnergyF&O](#) Default Amount shall include an amount in respect of such Account calculated by taking into account: any amounts, assets or liabilities included or to be included within the calculation of the amount *N* in Rule 906(a) in respect of [EnergyF&O](#) Contracts, Margin or Surplus Collateral in respect of [EnergyF&O](#) Contracts, Guaranty Fund Contributions to the [EnergyF&O](#) Guaranty Fund and any other amounts, assets or liabilities relating in any case exclusively to [EnergyF&O](#) Contracts of the Defaulter, together with such Non-Exclusive Assets and Non-Exclusive Liabilities as are included as set out below; and
- (C) if the Defaulter was an FX Clearing Member, the FX Default Amount shall include an amount in respect of such Account calculated by taking into account: any amounts, assets or liabilities included or to be included within the calculation of the amount *N* in Rule 906(a) in respect of FX Contracts, Margin or Surplus Collateral in respect of positions in FX Contracts, Guaranty Fund Contributions to the FX Guaranty Fund and any other amounts, assets or liabilities relating in any case exclusively to FX Contracts of the Defaulter, together with such Non-Exclusive Assets and Non-Exclusive Liabilities as are included as set out below.

"**Non-Exclusive Assets**" constitute any amounts or assets included or to be included within the calculation of the amount *N* in Rule 906(a) not relating exclusively to any one Contract Category. Non-Exclusive Assets may be included in the calculation of any of the Default Amounts in question or split between such calculations at the Clearing House's discretion, provided that:

- (A) to the extent that two or more of the Default Amounts represent or would (but for this provision) represent a loss or shortfall ("**Shortfall Default Amounts**"), the Non-Exclusive Assets must be included in the calculation of the Shortfall Default Amounts in proportion to the Margin requirements of the Defaulter for each Contract Category corresponding to each Shortfall Default Amount immediately prior to the Event of Default until one of the Shortfall Default Amounts would represent zero; and
- (B) subject to the process in Rule 1103(e)(iv)(A) first being completed if applicable, to the extent that one or two of the Default Amounts in question represent(s) or would (but for this provision) represent a surplus to the Clearing House and the other or others represent or would (but for this provision) represent a loss or shortfall to the Clearing House, the Non-Exclusive Assets must be included in the relevant calculation so as to eliminate or reduce the loss or shortfall *pro rata* as to the losses.

"**Non-Exclusive Liabilities**" constitute any liabilities included or to be included within the calculation of the amount *N* in Rule 906(a) not relating exclusively to any one Contract Category. Non-Exclusive Liabilities may be included in the calculation of any of the Default Amounts in question or split between such calculations at the Clearing House's discretion, provided that:

- (A) to the extent that two or more of the Default Amounts represent or would (but for this provision) represent a surplus ("**Surplus Default Amounts**"), the Non-Exclusive Liabilities must be included in the calculation of the Surplus Default Amounts in proportion to the Margin requirements of the Defaulter for each Contract Category corresponding to each Surplus Default Amount immediately prior to the Event of Default until one of the Surplus Default Amounts would represent zero; and
 - (B) subject to the process in Rule 1103(e)(iv)(A) first being completed if applicable, to the extent that one or two of the Default Amounts in question represent(s) or would (but for this provision) represent a surplus to the Clearing House and the other or others represent or would (but for this provision) represent a loss or shortfall to the Clearing House, Non-Exclusive Liabilities must first be included in the relevant calculation against the surplus *pro rata* as to the surpluses.
- (f) In any instance in which assets are to be applied pursuant to Rule 1103(g)(ii), (iii) (iv) or (v), the Clearing House shall publish the amount of any [EnergyF&O](#) Default Amount, CDS Default Amount and/or FX Default Amount that is required to be calculated under Rule 1103(e) in a Circular. For the avoidance of doubt, any [EnergyF&O](#) Default Amount, CDS Default Amount and/or FX Default Amount so published shall not constitute a "net sum" for purposes of Rule 906, the Companies Act 1989 or the Settlement Finality Regulations.
- (g) In the case of a Defaulter which held multiple Membership Categories, the Clearing House shall be entitled to apply assets to meet the obligations and liabilities of the Defaulter and any loss or shortfall (including, in the case of a CDS Customer Account of a Defaulter which was a Non-FCM/BD CDS Clearing Member, any Gross Margin Shortfall) to the Clearing House upon or following any Event of Default of that Clearing Member (including in connection with any net sum calculated under Rule 906), in the following order of recourse:
- (i) first, any amounts falling under *A*, *D*, *C* or *M* in Rule 906(a), in the order specified in Rule 906(a);
 - (ii) second, Guaranty Fund Contributions of the Defaulter and any accrued interest or rights arising pursuant to such Guaranty Fund Contributions falling under amount *GFC* in Rule 906(a), provided that:
 - (A) if a Defaulter was an [EnergyF&O](#) Clearing Member, [EnergyF&O](#) Guaranty Fund Contributions of the Defaulter must first be applied by the

- Clearing House against any shortfall or loss relevant to the [EnergyF&O](#) Default Amount;
- (B) if a Defaulter was a CDS Clearing Member, CDS Guaranty Fund Contributions of the Defaulter must first be applied by the Clearing House against any shortfall or loss relevant to the CDS Default Amount;
 - (C) if a Defaulter was an FX Clearing Member, FX Guaranty Fund Contributions of the Defaulter must first be applied by the Clearing House against any liabilities relevant to the FX Default Amount;
 - (D) if a Defaulter was an [EnergyF&O](#) Clearing Member, subject to Rule 1103(g)(ii)(A), (B) and (C), any [EnergyF&O](#) Guaranty Fund Contributions of the Defaulter may be applied against any other shortfall or loss but only after the earliest date on which non-defaulting [EnergyF&O](#) Clearing Members are required to replenish the [EnergyF&O](#) Guaranty Fund pursuant to Rule 1103(a)(iv) and only to the extent that such assets have not been applied in respect of any subsequent Event of Default before that date affecting an [EnergyF&O](#) Clearing Member;
 - (E) if a Defaulter was a CDS Clearing Member, subject to ~~Rule~~ Rule 1103(g)(ii)(A), (B) and (C), any CDS Guaranty Fund Contributions of the Defaulter may be applied against any other shortfall or loss but only after the earliest date on which non-defaulting CDS Clearing Members are required to replenish the CDS Guaranty Fund pursuant to Rule 1103(g)(v) and only to the extent that such assets have not been applied in respect of any subsequent Event of Default before that date affecting a CDS Clearing Member; and
 - (F) if a Defaulter was an FX Clearing Member, subject to paragraphs (A), (B) and (C), any FX Guaranty Fund Contributions of the Defaulter may be applied against any other liabilities of the Defaulter but only after the earliest date on which non-defaulting FX Clearing Members are required to replenish the FX Guaranty Fund pursuant to Rule 1103(a)(vi) and only to the extent that such assets have not been applied in respect of any subsequent Event of Default before that date affecting an FX Clearing Member;
- (iii) third, any amounts falling under *SC* or *OA* in Rule 906(a) in the order specified in Rule 906(a) (provided that the Clearing House shall not be required to assert or pursue any such claim or bring any such action as a precondition to applying assets referred to in Rule 1103(g)(iv) to (vii) but shall be required to account for any subsequent proceeds not included in the amount determined, less the costs of realising any such claim or action or obtaining such amount or asset) (excluding, in respect of a Designated CDS Customer Account, assets applied pursuant to sub-paragraphs (iv) to (vi) below);

(iv) fourth:

- (A) if a Defaulter was an [EnergyF&O](#) Clearing Member, the Clearing House [EnergyF&O](#) Initial Contribution, provided that it shall only be applied up to the extent of any [EnergyF&O](#) Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the [EnergyF&O](#) Default Amount represents a shortfall or loss;
- (B) if a Defaulter was a CDS Clearing Member, the Clearing House CDS Initial Contribution, provided that it shall only be applied up to the extent of any CDS Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the CDS Default Amount represents a shortfall or loss; and
- (C) if a Defaulter was an FX Clearing Member, the Clearing House FX Initial Contribution, provided that it shall only be applied up to the extent of any FX Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the FX Default Amount represents a shortfall or loss;

(v) fifth:

- (A) Guaranty Fund Contributions of Clearing Members other than the Defaulter in question (including, where relevant, any surplus Guaranty Fund Contributions of other Defaulters and proceeds of the realisation thereof, if two or more Default proceedings take place concurrently and any such surplus is available);
- (B) if a Defaulter was an [EnergyF&O](#) Clearing Member, the Clearing House [EnergyF&O](#) GF Contribution;
- (C) if a Defaulter was a CDS Clearing Member, the Clearing House CDS GF Contribution; and
- (D) if a Defaulter was an FX Clearing Member, the Clearing House FX GF Contribution;

provided that:

- (1) if a Defaulter was an [EnergyF&O](#) Clearing Member, [EnergyF&O](#) Guaranty Fund Contributions of Clearing Members other than the Defaulter in question and the Clearing House [EnergyF&O](#) GF Contribution shall only be applied towards and up to the extent of any [EnergyF&O](#) Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the [EnergyF&O](#) Default Amount less any assets applied in accordance with Rule 1103(g)(iv)(A) represents a shortfall or loss;

- (2) if a Defaulter was a CDS Clearing Member, CDS Guaranty Fund Contributions of Clearing Members other than the Defaulter in question and the Clearing House CDS GF Contribution shall only be applied towards and up to the extent of any CDS Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the CDS Default Amount less any assets applied in accordance with Rule 1103(g)(iv)(~~BC~~) represents a shortfall or loss; ~~and~~
- (3) if a Defaulter was an FX Clearing Member, FX Guaranty Fund Contributions of Clearing Members other than the Defaulter in question and the Clearing House FX GF Contribution shall only be applied towards and up to the extent of any FX Default Amount notified to Clearing Members in accordance with Rule 1103(f) and in circumstances in which the FX Default Amount less any assets applied in accordance with Rule 1103(g)(iv)(C) represents a shortfall or liability;

and provided further that:

- (X) in the case of a Defaulter who was an ~~EnergyF&O~~ Clearing Member, ~~EnergyF&O~~ Guaranty Fund Contributions and the Clearing House ~~EnergyF&O~~ GF Contribution are applied on a basis *pro rata* to the sum of the total of all ~~EnergyF&O~~ Guaranty Fund Contributions (excluding ~~EnergyF&O~~ Guaranty Fund Contributions of the Defaulter in question and ~~EnergyF&O~~ Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House ~~EnergyF&O~~ GF Contribution at the time of the Event of Default;
- (Y) in the case of a Defaulter who was a CDS Clearing Member, CDS Guaranty Fund Contributions and the Clearing House CDS GF Contribution are applied on a basis *pro rata* to the sum of the total of all CDS Guaranty Fund Contributions (excluding CDS Guaranty Fund Contributions of the Defaulter in question and CDS Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House CDS GF Contribution at the time of the Event of Default; and
- (Z) in the case of a Defaulter who was an FX Clearing Member, FX Guaranty Fund Contributions and the Clearing House FX GF Contribution are applied on a basis *pro rata* to the sum of the total of all FX Guaranty Fund Contributions (excluding FX Guaranty Fund Contributions of the Defaulter in question and FX Guaranty Fund Contributions of other Defaulters that have been or are to be applied in connection with separate Default proceedings) and the Clearing House FX GF Contribution at the time of the Event of Default;

- (vi) sixth, if a Defaulter was an [EnergyF&O](#) Clearing Member, subject to Rule 1104(d), any claims under default insurance policies (including the proceeds of any claim) of which the Clearing House is the beneficiary that are available to the Clearing House as a result of the Event of Default, provided that the Clearing House, acting reasonably, must specify in a Circular the extent to which any such claims are applied in respect of any shortfall relating to the [EnergyF&O](#) Default Amount and any shortfall relating to any other Default Amount(s); and
 - (vii) seventh, if a Defaulter was an [EnergyF&O](#) Clearing Member, [EnergyF&O](#) Assessment Contributions received by the Clearing House pursuant to Rule 1105, if a Defaulter was a CDS Clearing Member, CDS Assessment Contributions received by the Clearing Member pursuant to Rule 1106, and, if a Defaulter was an FX Clearing Member, FX Assessment Contributions received by the Clearing House pursuant to Rule 1107.
- (h) For the avoidance of doubt, this Part 11, including this Rule 1103, is part of the Clearing House's "default rules" for the purposes of the Companies Act 1989. The requirements of this Rule 1103 shall apply and be binding upon the Clearing House and all Clearing Members including upon the event of any Insolvency affecting the Clearing House or any Clearing Member. The Clearing House (including any Insolvency Practitioner with powers over the Clearing House or other Representative) and all Clearing Members (including any Insolvency Practitioner with powers over any Clearing Member or other Representative) shall, to the extent permitted by Applicable Laws:
- (i) refrain from taking any action or seeking any order of any Governmental Authority that would result in or facilitate any asset or liability being applied contrary to the requirements of this Part 11; and
 - (ii) take all reasonable steps possible including, without limitation, the application for and procurement of such orders from such Governmental Authorities as are necessary, to ensure that assets of the Clearing House are applied only pursuant to this Part 11.

Rule 1104 *Use of Guaranty Fund Contributions*

- (a) Following an Event of Default, the Clearing House shall apply the Guaranty Fund Contribution of a Defaulter only pursuant to Rules 906 and 1103. Otherwise, Guaranty Fund Contributions of a Clearing Member may be applied or used by the Clearing House at its discretion in any of the following manners to the extent of the relevant Clearing Member's Guaranty Fund Contribution:
- (i) against any amount that becomes due to the Clearing House by that Clearing Member for any reason (including but not limited to Margin, amounts due pursuant to Contract Terms, fees, dues, assessments and fines);
 - (ii) where applicable, to meet the Clearing House's costs involved in facilitating the transfer of Contracts recorded in a Clearing Member's Customer Position

default insurance either generally or in respect of any particular products cleared by the Clearing House. The Clearing House will issue a Circular to Clearing Members specifying the amount of insurance, Loss Threshold, Relevant Period and any restrictions by Set of Contract or Guaranty Fund applicable to any default insurance obtained by the Clearing House. Neither this Rule 1104(d) nor any Circular issued by the Clearing House shall affect the liability of Clearing Members in respect of Guaranty Fund Contributions under these Rules.

- (e) The Clearing House will notify Clearing Members from time to time, by Circular and in accordance with the Finance Procedures, of each of the Clearing House Contributions. The Clearing House undertakes to all non-defaulting Clearing Members from time to time to maintain amounts equal to the total of the Clearing House Contributions in a separate account from its other assets and to use such amounts only for the purposes of meeting shortfalls arising directly or indirectly from Defaults in accordance with this Part 11. The Clearing House undertakes to all non-defaulting Clearing Members from time to time to maintain Clearing House [EnergyF&O](#) Contributions, Clearing House CDS Contributions and Clearing House FX Contributions in a separate account or accounts for each such contribution. This Rule 1104(e) shall not restrict the Clearing House from investing such amounts in any way that it is able to invest Guaranty Fund Contributions made by Clearing Members.
- (f) The total amount of Guaranty Fund Contributions for each Guaranty Fund and any Clearing House Contributions applied in connection with any Event of Default shall be notified to Clearing Members in a Circular prior to the same being applied.

Rule 1105 *Powers of Assessment:* [EnergyF&O](#)

- (a) Powers of assessment under this Rule 1105 may be exercised by the Clearing House following an Event of Default occurring in respect of an [EnergyF&O](#) Clearing Member and a loss or shortfall to the Clearing House arising as a result of the liabilities of a Defaulter that is or was an [EnergyF&O](#) Clearing Member not having been met pursuant to:
 - (i) Rule 1103(b)(i) to (vi); or
 - (ii) Rule 1103(g)(i) to (vi), only to the extent that the [EnergyF&O](#) Default Amount, less any assets applied in accordance with Rule 1103(g)(iv)(A), Rule 1103(g)(v)(B) and Rule 1103(g)(vi) (in the latter case, only to the extent certified by the Clearing House as applying in relation to the [EnergyF&O](#) Default Amount), represents a shortfall or loss.

Immediately upon the Clearing House certifying the [EnergyF&O](#) Assessment Amount in a Circular, all [EnergyF&O](#) Clearing Members (other than Defaulters) shall indemnify the Clearing House and become liable to pay [EnergyF&O](#) Assessment Contributions to the Clearing House in accordance with Rule 1105(b).

- (b) The [EnergyF&O](#) Assessment Contribution payable by each [EnergyF&O](#) Clearing Member shall be the amount:

$$EAAFOAA \times \frac{EGFFOGE(CM)}{EGFFOGE(all)}$$

where:

EAAFOAA is the EnergyF&O Assessment Amount certified by the Clearing House in a Circular as the total shortfall or loss following an Event of Default occurring after funds referred to in Rule 1105(a) have been applied, provided that the total EnergyF&O Assessment Amount shall be no greater than the amount equal to twice the total required EnergyF&O Guaranty Fund Contributions of all EnergyF&O Clearing Members immediately prior to the relevant Event of Default (less EnergyF&O Guaranty Fund Contributions of Defaulters and excluding the Clearing House EnergyF&O Contributions);

EGFFOGE(CM) is the required EnergyF&O Guaranty Fund Contribution of the relevant EnergyF&O Clearing Member immediately preceding the relevant Event of Default; and

EGFFOGE(all) is the total required EnergyF&O Guaranty Fund Contributions of all EnergyF&O Clearing Members immediately preceding the relevant Event of Default (less EnergyF&O Guaranty Fund Contributions of Defaulters and excluding the Clearing House EnergyF&O Contributions).

F&O Assessment Contributions will be designated as relating primarily to Energy Contracts or LIFFE Contracts based on the designation of Guaranty Fund Contributions to Energy Contracts or LIFFE Contracts under Rule 1101(a).

- (c) A Person that ceases to be an EnergyF&O Clearing Member shall be subject to obligations to pay EnergyF&O Assessment Contributions only in respect of:
- (i) Events of Default declared in relation to Clearing Members that are EnergyF&O Clearing Members occurring prior to the Termination Date (whether or not declared prior to the Termination Date); and
 - (ii) any Events of Default declared in relation to Clearing Members that are EnergyF&O Clearing Members occurring after the Termination Date but whilst it still has an EnergyF&O Guaranty Fund Contribution with the Clearing House,

provided that:

- (A) the aggregate amount of all EnergyF&O Assessment Contributions in respect of all Events of Default for any such Person shall be capped at: (I) in the case of a Person terminating its membership of the Clearing House following an Event of Default or Events of Default where EnergyF&O Guaranty Fund Contributions have been applied, an amount equal to twice that Person's EnergyF&O Guaranty Fund Contribution immediately prior to the first Event of Default being declared which led to the relevant application of EnergyF&O Guaranty Fund Contributions; or (II) in the case of a Person otherwise terminating its membership of the Clearing

House, an amount equal to twice that Person's [EnergyF&O](#) Guaranty Fund Contribution on the date of service of the relevant notice of termination; and

- (B) [EnergyF&O](#) Assessment Contributions made by a Person terminating its membership of the Clearing House pursuant to Rule 1105(h) shall be included for the purpose of calculating such a cap.
- (d) If the [EnergyF&O](#) Assessment Amount is not met by [EnergyF&O](#) Assessment Contribution receipts from [EnergyF&O](#) Clearing Members due to non-payment by an [EnergyF&O](#) Clearing Member or [EnergyF&O](#) Clearing Members, Default of an [EnergyF&O](#) Clearing Member or [EnergyF&O](#) Clearing Members or otherwise, the Clearing House shall at its discretion determine what, if any, further action to take. Unless, or unless to the extent that, the Clearing House directs otherwise in a Circular, any shortfall in [EnergyF&O](#) Assessment Contribution receipts shall be re-assessed against all [EnergyF&O](#) Clearing Members (other than Defaulters and Persons that have defaulted in making an [EnergyF&O](#) Assessment Contribution) in accordance with Rule 1105(a), as if such shortfall were the [EnergyF&O](#) Assessment Amount, provided that no [EnergyF&O](#) Clearing Member shall be liable to pay [EnergyF&O](#) Assessment Contributions in respect of a single Default for an amount greater than twice its [EnergyF&O](#) Guaranty Fund Contribution immediately prior to the relevant Default. Subject to Rule 1105(c), further [EnergyF&O](#) Assessment Contributions may be levied and repeated in this manner at the discretion of the Clearing House until the entire [EnergyF&O](#) Assessment Amount has been met in full by [EnergyF&O](#) Assessment Contributions.
- (e) All [EnergyF&O](#) Assessment Contributions shall become due and payable at such time as the Clearing House notifies to [EnergyF&O](#) Clearing Members (which may be by Circular) and may be collected by the Clearing House pursuant to Part 3.
- (f) If, after any [EnergyF&O](#) Assessment Contribution has been paid in relation to an Event of Default, the Clearing House collects amounts in respect of a defaulted obligation or unpaid [EnergyF&O](#) Assessment Contribution in whole or in part from the Defaulter or a Person liable to pay an unpaid [EnergyF&O](#) Assessment Contribution, the Clearing House shall refund the amount so collected (less any expenses of the Clearing House, including without limitation any legal fees and expenses incurred in connection therewith) to other [EnergyF&O](#) Clearing Members (excluding any Defaulter) *pro rata* in respect of paid [EnergyF&O](#) Assessment Contributions relating to the Event of Default in question, subject to the Clearing House first retaining or repaying amounts up to the amount of any assets of the Clearing House or other third parties applied to meet any shortfall or loss following exhaustion of the assets specified in Rule 1103 or in substitution of any such assets.
- (g) Amounts transferred to the Clearing House by [EnergyF&O](#) Clearing Members in respect of Guaranty Fund Contributions, including without limitation amounts transferred to restore a deficiency in any Guaranty Fund following an Event of Default, do not constitute [EnergyF&O](#) Assessment Contributions. Neither the exercise of powers of

assessment by the Clearing House nor the payment of [EnergyF&O](#) Assessment Contributions shall reduce or otherwise affect the liability of a Clearing Member to make Guaranty Fund Contributions pursuant to Rule 1101 *et seq.* or to replenish any Guaranty Fund Contribution pursuant to Rule 1102(i). [EnergyF&O](#) Assessment Contributions do not constitute Guaranty Fund Contributions.

- (h) Upon an Event of Default or Events of Default occurring and [EnergyF&O](#) Assessment Contributions becoming due, a Clearing Member liable to pay an [EnergyF&O](#) Assessment Contribution shall be entitled to terminate its membership of the Clearing House with effect from the moment immediately prior to the time at which [EnergyF&O](#) Guaranty Fund Contributions are required to be made pursuant to Rule 1102(i). Notwithstanding Rule 209(d), an [EnergyF&O](#) Clearing Member that terminates its membership in such circumstances shall have no further obligation to replenish the [EnergyF&O](#) Guaranty Fund pursuant to Rule 1102(i). Such a Clearing Member shall nonetheless remain liable for further [EnergyF&O](#) Assessment Contribution payments pursuant to Rules 1105(c) and 1105(d). Rule 209(c)(iii), Rule 209(c)(iv), Rule 209(d) (subject as aforesaid), Rule 209(e)(i) and Rule 209(e)(ii) shall apply in relation to any such termination. Any Clearing Member terminating its membership pursuant to this Rule 1105(h) shall give notice of the same to the Clearing House as soon as practicable and in any event on or prior to the date falling 10 days after the date on which a first call for [EnergyF&O](#) Assessment Contributions was made.
- (i) Upon an Event of Default or Events of Default occurring and [EnergyF&O](#) Assessment Contributions becoming due, a Clearing Member that is both an [EnergyF&O](#) Clearing Member and a CDS Clearing Member and which is liable to pay an [EnergyF&O](#) Assessment Contribution shall be entitled to terminate its status with the Clearing House as an [EnergyF&O](#) Clearing Member (maintaining its status as a CDS Clearing Member) with effect from the moment immediately prior to the time at which [EnergyF&O](#) Guaranty Fund Contributions are required to be made pursuant to Rule 1102(i). Notwithstanding Rule 209(f), a Clearing Member that terminates its status as an [EnergyF&O](#) Clearing Member in such circumstances shall have no further obligation to replenish the [EnergyF&O](#) Guaranty Fund pursuant to Rule 1102(i). Such a Clearing Member shall nonetheless remain liable for further [EnergyF&O](#) Assessment Contribution payments pursuant to Rules 1105(c) and 1105(d). Any Clearing Member terminating its status as an [EnergyF&O](#) Clearing Member pursuant to this Rule 1105(i) shall give notice of the same to the Clearing House as soon as practicable and in any event on or prior to the date falling 10 days after the date on which a first call for [EnergyF&O](#) Assessment Contributions was made.

Rule 1106 *Powers of Assessment: CDS*

- (a) Powers of assessment under this Rule 1106 may be exercised by the Clearing House following an Event of Default occurring in respect of a CDS Clearing Member and a shortfall or loss to the Clearing House arising as a result of the liabilities of a Defaulter that is or was a CDS Clearing Member not having been met pursuant to:
 - (i) Rule 1103(c)(i) to (v); or

- (g) Amounts transferred to the Clearing House by CDS Clearing Members in respect of Guaranty Fund Contributions, including without limitation amounts transferred to restore a deficiency in any Guaranty Fund following an Event of Default, do not constitute CDS Assessment Contributions. Neither the exercise of powers of assessment by the Clearing House nor the payment of CDS Assessment Contributions shall reduce or otherwise affect the liability of a Clearing Member to make Guaranty Fund Contributions pursuant to Rule 1101 *et seq.* or to replenish any Guaranty Fund Contribution pursuant to Rule 1102(i). CDS Assessment Contributions do not constitute Guaranty Fund Contributions.
- (h) Upon an Event of Default or Events of Default occurring and CDS Assessment Contributions becoming due, a Clearing Member liable to pay a CDS Assessment Contribution shall be entitled to terminate its membership of the Clearing House with effect from the moment immediately prior to the time at which CDS Guaranty Fund Contributions are required to be made pursuant to Rule 1102(i). Notwithstanding Rule 209(d), a CDS Clearing Member that terminates its membership in such circumstances shall have no further obligation to replenish the CDS Guaranty Fund pursuant to Rule 1102(i). Such a Clearing Member shall nonetheless remain liable for further CDS Assessment Contribution payments pursuant to Rules 1106(c) and 1106(d). Rule 209(c)(iii), Rule 209(c)(iv), Rule 209(d) (subject as aforesaid), Rule 209(e)(i) and Rule 209(e)(ii) shall apply in relation to any such termination. Any Clearing Member terminating its membership pursuant to this Rule 1106(h) shall give notice of the same to the Clearing House as soon as practicable and in any event on or prior to the date falling 10 days after the date on which a first call for CDS Assessment Contributions was made.
- (i) Upon an Event of Default or Events of Default occurring and CDS Assessment Contributions becoming due, a Clearing Member that is both an [EnergyF&O](#) Clearing Member and a CDS Clearing Member and which is liable to pay a CDS Assessment Contribution shall be entitled to terminate its status with the Clearing House as a CDS Clearing Member (maintaining its status as an [EnergyF&O](#) Clearing Member) with effect from the moment immediately prior to the time at which CDS Guaranty Fund Contributions are required to be made pursuant to Rule 1102(i). Notwithstanding Rule 209(f), a Clearing Member that terminates its status as a CDS Clearing Member in such circumstances shall have no further obligation to replenish the CDS Guaranty Fund pursuant to Rule 1102(i). Such a Clearing Member shall nonetheless remain liable for further CDS Assessment Contribution payments pursuant to Rules 1106(c) and 1106(d). Rule 209(f) shall apply in relation to any such termination. Any Clearing Member terminating its status as a CDS Clearing Member pursuant to this Rule 1106(i) shall give notice of the same to the Clearing House as soon as practicable and in any event on or prior to the date falling 10 days after the date on which a first call for CDS Assessment Contributions was made.

Rule 1107 *Powers of Assessment: FX*

- (a) Powers of assessment under this Rule 1107 may be exercised by the Clearing House following an Event of Default occurring in respect of an FX Clearing Member and the liabilities of a Defaulter that is or was an FX Clearing Member not having been met pursuant to:

- (ii) enable Clearing Members to give instructions and to place at the disposal of the Clearing House amounts of money on the accounts of Approved Financial Institutions;
 - (iii) enable the Clearing House and Clearing Members to fulfil the obligations they incur in respect of Contracts and otherwise to one another pursuant to the Rules;
 - (iv) enable transfers, assignments and novations of Contracts between Clearing Members or following a Default;
 - (v) enable transfers of Non-Cash Collateral to or to the order of the Clearing House and Clearing Members;
 - (vi) enable Bilateral CDS Transactions and CDS Trade Particulars to give rise to CDS Contracts;
 - (vii) enable ICE OTC Block Transactions, ICE Futures Europe Block Transactions-~~and~~, ICE Futures US Block Transactions [and LIFFE Block Transactions](#) to give rise to ~~Energy~~[F&O](#) Contracts;
 - (viii) facilitate physical settlement obligations under CDS Contracts [and obligations for the delivery of Deliverables that are SFD Securities under LIFFE Contracts](#);
 - [\(ix\) facilitate the transfer between the Clearing House and Participating Exchanges of Linked Incoming Contracts, Linked Outgoing Contracts and Participating Exchange Transactions pursuant to Rule 410](#); and
 - [\(x\)](#) ~~(ix)~~ facilitate supplementary and incidental matters to the satisfaction of obligations pursuant to Contracts and the collection and payment of amounts due in respect of Contracts or Permitted Cover.
- (g) The term "**Indirect Participant**" means any Disclosed Principal Member or Customer, provided that: (i) it is an 'indirect participant', within the meaning of the Settlement Finality Regulations, in the Designated System; (ii) the identity of that Disclosed Principal Member or Customer has been notified to the Clearing House in writing by the Clearing Member; (iii) the Clearing House has accepted such notification and treatment as an indirect participant in writing (and this Part 12 shall apply equally to any Insolvency Practitioner appointed for, or with powers in respect of, an Indirect Participant); and (iv) such Disclosed Principal Member or Customer has executed such agreement as is prescribed by the Clearing House from time to time in order for it to become contractually bound by these Rules and this Part 12 in particular.
- (h) The term "**Intermediary Financial Institution**" means any bank or branch used by an Approved Financial Institution, whether as banker, corresponding banker, intermediary or agent, for the fulfilment of a Payment Transfer Order, that is a 'participant' (as defined in the Settlement Finality Regulations) in the Designated System (and this Part 12 shall apply equally to any Insolvency Practitioner appointed for, or with powers in respect of, such a person).

- (i) The term "**Non-Cash Collateral**" means any Permitted Cover that is in the form of an SFD Security.
- (j) The term "**Participant**" means the Clearing House, each Clearing Member, each Participating Exchange and each Approved Financial Institution, in the case of a Clearing Member or Approved Financial Institution to the extent that it is a 'participant' (as defined in the Settlement Finality Regulations) in the Designated System (and this Part 12 shall apply equally to any Insolvency Practitioner appointed for, or with powers in respect of, a Participant).
- (k) The term "**Payment Transfer Order**" means a payment transfer order (as defined in the Settlement Finality Regulations) that is a New Contract Payment Transfer Order, Credit/Debit Payment Transfer Order, AFI-CB Payment Transfer Order or CB-AFI Payment Transfer Order subject to this Part 12.
- (l) The term "**Securities Transfer Order**" means a securities transfer order (as defined in the Settlement Finality Regulations) that is a Position Transfer Order, Collateral Transfer Order, EnergyF&O Block Clearing Order, CDS Clearing Order ~~or~~, CDS Physical Settlement Order, LIFFE Delivery Order, Linked Exchange Incoming Order or Linked Exchange Outgoing Order subject to this Part 12.
- (m) The term "**SFD Security**" means a 'security', as defined in the Settlement Finality Regulations.
- (n) The term "**Transfer Order**" means a Payment Transfer Order or a Securities Transfer Order.
- (o) The term "**ICE Post Trade and Clearing Systems**" or the "**ICE Systems**" means the trade registration, clearing processing and finance hardware and software used by the Clearing House and Clearing Members from time to time, as further described in the Procedures.
- (p) No transfer orders (as defined in the Settlement Finality Regulations) shall arise, enter the Designated System or become irrevocable under these Rules except as set out in this Part 12.
- (q) The Clearing House and each Clearing Member with a Pledged Collateral Account that is a Participant in the Designated System acknowledge and agree that: (i) all forms of Permitted Cover provided as Pledged Collateral constitute 'realisable assets'; and (ii) Pledged Collateral is provided under a 'charge or a repurchase or similar agreement' which has been entered into 'for the purpose of securing rights and obligations potentially arising in connection with a designated system', for purposes of the Settlement Finality Regulations. Accordingly, the Clearing House and each such Clearing Member that is a Participant in the Designated System intend and agree that: (a) Pledged Collateral constitutes both 'collateral security' and 'collateral security in connection with participation in a designated system' for purposes of the Settlement Finality Regulations; and (b) the Clearing Membership Agreement, Pledged Collateral Addendum, Rules and

Contracts insofar applicable to Pledged Collateral constitute a 'collateral security charge' in respect of the Pledged Collateral, for purposes of the Settlement Finality Regulations.

Rule 1202 *Transfer Orders Arising*

- (a) Subject to regulation 20 of the Settlement Finality Regulations, a Payment Transfer Order shall arise and shall enter the Designated System immediately and automatically upon:
- (i) in relation to a Contract that forms in accordance with Rule 401(a) (excluding any ~~Energy~~F&O Contract arising under Rule 401(a)(vii) and further excluding any CDS Contract arising under Rule 401(a)(x) pursuant to the Clearing of CDS Trade Particulars relating to a Bilateral CDS Transaction already recorded in Deriv/SERV), at the time that a Contract arises under Rule 401 (such Payment Transfer Order, a "**New Contract Payment Transfer Order**");
 - (ii) the Clearing House sending an instruction pursuant to Rule 302 (such Payment Transfer Order, a "**Credit/Debit Payment Transfer Order**");
 - (iii) the Clearing House sending an instruction by means of a SWIFT message, other electronic message, fax, telephone or other means to an Approved Financial Institution to transfer a sum of money from a Clearing House Account to an account of the Clearing House at the Concentration Bank (such Payment Transfer Order, a "**AFI-CB Payment Transfer Order**"); or
 - (iv) the Clearing House sending an instruction by means of a SWIFT message, other electronic message, fax, telephone or other means to a Concentration Bank to transfer a sum of money from an account of the Clearing House at the Concentration Bank to a Clearing House Account (such Payment Transfer Order, a "**CB-AFI Payment Transfer Order**").
- (b) Subject to regulation 20 of the Settlement Finality Regulations, a Securities Transfer Order shall arise and shall enter the Designated System immediately and automatically upon:
- (i) if either:
 - (A) the Clearing House, the relevant Market (if any) and the two Clearing Members involved (both being Participants) have already agreed to a transfer, assignment or novation of Contracts from one Clearing Member to another Clearing Member pursuant to Rule 408(a)(i); or
 - (B) the Clearing House has declared an Event of Default under Rule 901 and any Contracts to which a Defaulter is party are proposed to be transferred from the Defaulter to another Clearing Member (being a Participant) pursuant to the Clearing House's powers under Rule 903, Rule 904, Rule 905 or otherwise,

in either case, instructions for settlement of the transfer, assignment or novation in question being effected through the ICE Systems at the relevant settlement transfer deadline for the relevant Contract (such Securities Transfer Order, a "**Position Transfer Order**");

- (ii) the Clearing House accepts, through the ICE Systems, that a Clearing Member has validly requested either:
 - (A) the transfer of Non-Cash Collateral to or to the order of the Clearing House; or
 - (B) a transfer to that Clearing Member or to its order of Non-Cash Collateral (such Securities Transfer Order, in either case, a "**Collateral Transfer Order**");
- (iii) the Clearing House receiving full, complete and correct information in relation to an ICE OTC Block Transaction, ICE Futures Europe Block Transaction ~~or~~, ICE Futures US Block Transaction or LIFFE Block Transaction from the relevant Market (such Securities Transfer Order, a "**EnergyF&O Block Clearing Order**");
- (iv) in respect of CDS Trade Particulars submitted for Clearing in relation to a Bilateral CDS Transaction already recorded in Deriv/SERV, the Clearing House providing a report to a Clearing Member after it has checked whether a CDS Trade Particulars submitted for Clearing are consistent with the records submitted by another Clearing Member and, where applicable, with the records in Deriv/SERV (such Securities Transfer Order, a "**Subsisting CDS Clearing Order**");
- (v) in respect of CDS Trade Particulars other than as referred to in (iv) above submitted for Clearing, the Clearing House issuing an acceptance notice in accordance with Rule 401(a)(ix) to a Clearing Member through the ICE System (such Securities Transfer Order, a "**New CDS Clearing Order**" and, together with a Subsisting CDS Clearing Order, "**CDS Clearing Order**"); ~~or~~
- (vi) (A) the Clearing House being provided with a copy of a notice delivered by a Matched CDS Buyer to a Matched CDS Seller in a Matched Pair of a Notice of Physical Settlement in respect of Matched CDS Contracts, where the Notice of Physical Settlement specifies an instrument to be delivered that is an SFD Security; or (B) the Clearing House being provided with a copy of a notice delivered by a Matched CDS Buyer to a Matched CDS Seller in a Matched Pair of a NOPS Amendment Notice in respect of Matched CDS Contracts, where the NOPS Amendment Notice specifies an instrument to be delivered that is an SFD Security but where the Notice of Physical Settlement (including, as amended by any previous NOPS Amendment Notice) had specified an instrument that is not an SFD Security as the instrument that was to be delivered (either such Securities Transfer Order, a "**CDS Physical Settlement Order**"); or

- (vii) delivery of an SFD Security as a Deliverable is required following expiry of a LIFFE Contract that is a Future or following exercise of a LIFFE Contract that is an Option (such Securities Transfer Order, a "LIFFE Delivery Order");
 - (viii) the Clearing House receiving instructions from a Clearing Member or Participating Exchange for the transfer of a Participating Exchange Contract to the Clearing House (such Securities Transfer Order, a "Linked Exchange Incoming Order"); or
 - (ix) the Clearing House receiving instructions from a Clearing Member or Participating Exchange for the transfer of a Linked Outgoing Contract to a Participating Exchange (such Securities Transfer Order, a "Linked Exchange Outgoing Order").
- (c) If two or more Transfer Orders exist in respect of the same obligation prior to becoming irrevocable, all such Transfer Orders shall be valid. No duplication of an obligation to pay shall arise as a result of two or more Transfer Orders existing in respect of the same obligation.
 - (d) The status of a Transfer Order shall not be affected by any calculation of Open Contract Position, netting, set off or closing out of a Contract to which it relates.
 - (e) Each Payment Transfer Order shall apply and have effect in respect of the following amounts:
 - (i) in the case of a New Contract Payment Transfer Order, the amount due to or from the Clearing House pursuant to the Contract Terms as a result of the Contract to which the confirmation referred to in Rule 1202(a)(i) relates arising; or
 - (ii) in the case of a Credit/Debit Payment Transfer Order, AFI-CB Payment Transfer Order or CB-AFI Payment Transfer Order, the amount specified in the relevant instruction referred to in Rule 1202(a);
 - (f) Each Position Transfer Order shall apply and have effect in respect of the Contracts to be transferred, assigned or novated.
 - (g) Each Collateral Transfer Order shall apply and have effect in respect of the Non-Cash Collateral to be transferred to or to the order of the Clearing House or Clearing Member.
 - (h) Each ~~EnergyF&O~~ Block Clearing Order shall apply and have effect in respect of the ICE OTC Block Transaction, ICE Futures Europe Block Transaction ~~or~~, ICE Futures US Block Transaction or LIFFE Block Transaction in question and any resulting ~~EnergyF&O~~ Contract.
 - (i) Each CDS Clearing Order shall apply and have effect in respect of the CDS Trade Particulars and any Bilateral CDS Transaction in question and any resulting CDS Contract.

- (j) Two separate CDS Physical Settlement Orders shall apply and shall have effect separately in respect of each of the CDS Contracts in the Matched Pair that are subject to a physical settlement obligation, and the instrument to be delivered pursuant thereto.
- (k) Two separate LIFFE Delivery Orders shall apply and shall have effect separately in respect of each of the LIFFE Contracts that are subject to an obligation to make delivery of an SFD Security, and the SFD Security to be delivered pursuant thereto.
- (l) Each Linked Exchange Incoming Order shall apply and have effect in respect of the Participating Exchange Transaction in question and any resulting Linked Incoming Contract.
- (m) Each Linked Exchange Outgoing Order shall apply and have effect in respect of the Linked Outgoing Contract in question and any resulting transaction between a Clearing Member and a Participating Exchange.
- (n) ~~(k)~~ Transfer Orders shall apply to, and have effect as against and between each of the following Persons, in respect of any particular Person only to the extent that such Person is a Participant or an Indirect Participant:
- (i) in the case of a New Contract Payment Transfer Order, the affected Clearing Member (if it is a Participant) and the Clearing House and, as from and after the time of irrevocability only, the affected Approved Financial Institution;
 - (ii) in the case of a Credit/Debit Payment Transfer Order, the affected Clearing Member (if it is a Participant), the affected Approved Financial Institutions and the Clearing House;
 - (iii) in the case of an AFI-CB Payment Transfer Order, CB-AFI Payment Transfer Order, the affected Approved Financial Institution, the Concentration Bank and the Clearing House;
 - (iv) in the case of a Position Transfer Order:
 - (A) the Clearing Members (that are the transferor, assignor or person whose rights, liabilities and obligations are novated and the transferee, assignee or person that assumes rights, liabilities and obligations pursuant to a novation);
 - (B) each Customer and Disclosed Principal Member affected by the Position Transfer Order which is an Indirect Participant (if any); and
 - (C) the Clearing House.
 - (v) in the case of a Collateral Transfer Order:
 - (A) the Clearing Member that is the transferor of the Non-Cash Collateral in question;

- (B) any Custodian of the Clearing Member or the Clearing House; and
 - (C) the Clearing House;
- (vi) in the case of an ~~Energy~~F&O Block Clearing Order:
- (A) each Clearing Member that has submitted or confirmed details of the ICE OTC Block Transaction, ICE Futures Europe Block Transaction ~~or~~, ICE Futures US Block Transaction or LIFFE Transaction;
 - (B) any Affiliate of the Clearing Member that was party to an ICE OTC Block Transaction, ICE Futures Europe Block Transaction ~~or~~, ICE Futures US Block Transaction or LIFFE Block Transaction and which is an Indirect Participant (if any); and
 - (C) the Clearing House;
- (vii) in the case of a CDS Clearing Order:
- (A) each Clearing Member that has submitted or confirmed details of the CDS Trade Particulars;
 - (B) any Affiliate of a Clearing Member that is or was party to a Bilateral CDS Transaction and which is an Indirect Participant (if any); and
 - (C) the Clearing House; ~~and~~
- (viii) in the case of a CDS Physical Settlement Order:
- (A) each Clearing Member in the Matched Pair; and
 - (B) the Clearing House;
- (ix) in the case of a LIFFE Delivery Order:
- (A) each Clearing Member that is party to a LIFFE Contract under delivery;
 - (B) any Custodian of the Clearing Member or the Clearing House; and
 - (C) the Clearing House;
- (x) in the case of a Linked Exchange Incoming Order or Linked Exchange Outgoing Order:
- (A) each Clearing Member that is party to a Linked Incoming Contract, Linked Outgoing Contract or Participating Exchange Transaction, as applicable;
 - (B) the relevant Participating Exchange; and

(C) ~~(B)~~ the Clearing House.

- (o) ~~(h)~~ Where a Transfer Order applies to an Approved Financial Institution, it shall also apply to and be effective against any Intermediary Financial Institution used by that Approved Financial Institution.
- (p) ~~(m)~~ Where a Transfer Order applies additionally to an Indirect Participant, the liability of any Participant pursuant to the same Transfer Order shall not be affected.

Rule 1203 *Transfer Orders Becoming Irrevocable*

- (a) A Credit/Debit Payment Transfer Order shall become irrevocable at the time when the Approved Financial Institution sends a SWIFT confirmation message, other electronic message, fax, telephone or other message confirming that the relevant payment will be or has been made.
- (b) An AFI-CB Payment Transfer Order shall become irrevocable at the time when the Approved Financial Institution sends a SWIFT confirmation message, other electronic message, fax, telephone or other message confirming that the relevant payment will be or has been made.
- (c) A CB-AFI Payment Transfer Order shall become irrevocable at the time when the Concentration Bank sends a SWIFT confirmation message, other electronic message, fax, telephone or other message confirming that the relevant payment will be or has been made.
- (d) Subject to Rule 1205(~~f~~g) and Rule 1205(g~~h~~), a New Contract Payment Transfer Order shall become irrevocable upon an Approved Financial Institution sending a SWIFT confirmation message, other electronic message, fax, telephone or other message confirming that amount to which the New Contract Payment Transfer Order relates (as specified in Rule 1202(e)(i)) will be or has been made.
- (e) A Position Transfer Order shall become irrevocable at the time when the definitive record of the Open Contract Position of the Clearing Member (that is the assignee, transferee or person that assumes rights, liabilities and obligations pursuant to a novation) is updated as a result of a successful position transfer clearing run in the ICE Systems to reflect the transfer, assignment or novation of Contracts which are given effect pursuant to the Position Transfer Order.
- (f) A Collateral Transfer Order shall become irrevocable at the earlier of the time when: (i) the Clearing House receives the Non-Cash Collateral; or (ii) any related securities transfer order (which relates to the same subject matter as the Collateral Transfer Order but which a securities transfer order in a designated system for purposes of Directive 98/26/EC which is not the Designated System) becomes irrevocable.
- (g) An ~~Energy~~E&O Block Clearing Order shall become irrevocable at the time that the Clearing House becomes party to resulting Contracts with the Clearing Members in question, pursuant to Rule 401(a)(iii) or (iv).

- (h) A CDS Clearing Order shall become irrevocable when the time specified pursuant to the CDS Procedures occurs for the acceptance of the resulting CDS Contracts in question, pursuant to Rule 401(a)(x).
- (i) A CDS Physical Settlement Order shall become irrevocable at the earliest of: (i) the time when the Matched CDS Buyer in the Matched Pair has submitted irrevocable instructions to a securities system, depository, nominee or custodian for the transfer of securities to or to the account of the Matched CDS Seller; (ii) the time at which the instrument subject to physical settlement is delivered or assigned or at which physical settlement obligations are otherwise discharged; or (iii) if the Matched CDS Buyer or Matched CDS Seller has (in the absence of any Matching Reversal Notice or not later than one Business Day after any Matching Reversal Notice) given notice to the Clearing House in accordance with Rule 1511 or the CDS Procedures (as applicable) that the relevant Matched Pair have settled the relevant Matched CDS Contracts.
- (j) [A LIFFE Delivery Order shall become irrevocable at the earlier of the time when: \(i\) the Clearing House \(or a Clearing Member that is due to receive delivery directly from another Clearing Member under Part 7\) receives the SFD Security into its account; or \(ii\) any related securities transfer order \(which relates to the same subject matter as the Collateral Transfer Order but which is a securities transfer order in a designated system for purposes of Directive 98/26/EC which is not the Designated System\) becomes irrevocable.](#)
- (k) [A Linked Exchange Incoming Order or Linked Exchange Outgoing Order shall become irrevocable at the time that the Clearing House becomes party to resulting Contracts with the Clearing Members in question, pursuant to Rule 401\(a\)\(xiv\).](#)
- (l) ~~(l)~~ As from the time when a Transfer Order becomes irrevocable, it shall not be revoked or purported to be revoked by any Participant or the Clearing House and shall be binding upon all Participants.

Rule 1204 *Variations to or Cancellation of Transfer Orders*

- (a) This Rule 1204 applies only to a Transfer Order that is not irrevocable and:
 - (i) in the case of any Transfer Order, it is affected by manifest or proven error or an error that is agreed so to be by all affected Participants;
 - (ii) in the case of a New Contract Payment Transfer Order, Credit/Debit Payment Transfer Order or Position Transfer Order, it relates to a Contract which is (or a Transaction or CDS Trade Particulars which, if accepted, would be):
 - (A) void *ab initio* pursuant to Rule 403;
 - (B) avoided pursuant to Rule 404; or
 - (C) amended as a result of the Clearing House exercising its discretion pursuant to Rule 104 or otherwise pursuant to these Rules; or

- (iii) without prejudice to the generality of Rule 1204(a)(i), in the case of a Subsisting CDS Clearing Order, if an error or omission is noted by or notified to the Clearing House prior to the Acceptance Time or the data in the CDS Trade Particulars to which the Subsisting CDS Clearing Order relates is otherwise capable of being amended in accordance with the CDS Procedures;
 - (iv) in the case of a CDS Physical Settlement Order, if a NOPS Amendment Notice is validly delivered by the Matched CDS Buyer in accordance with Rule 1505 and Rule 1509; or
 - (v) without prejudice to the generality of Rule 1204(a)(i), (ii) or (iii), in the case of an ~~Energy F&O~~ Block Clearing Order ~~or~~ CDS Clearing Order, Linked Exchange Incoming Order or Linked Exchange Outgoing Order, it relates to a Transaction which is, or CDS Trade Particulars which are, not eligible for Clearing or which is or are not accepted for Clearing by the Clearing House.
- (b) Subject to Rule 1204(d), (e), (f) and (g), neither the validity nor the irrevocability of any Transfer Order shall of itself be affected by any event described in Rule 1204(a) occurring.
 - (c) The terms of all Transfer Orders that have not become irrevocable shall each be subject to a condition (which, if not satisfied, shall enable the Clearing House to exercise its rights under this Rule 1204) that that the circumstances described in Rule 1204(a) have not occurred.
 - (d) If any of the circumstances described in Rule 1204(a) has occurred, the amount payable, Contracts to be transferred or to arise or SFD Securities or Non-Cash Collateral to be delivered pursuant to the affected Transfer Order may at the discretion of the Clearing House be increased, decreased or otherwise varied, as necessary, to reflect the payments, transfers, Contracts, assignments, novations, SFD Securities, Non-Cash Collateral or deliveries that would have been required:
 - (i) in the case of Rule 1204(a)(i) applying, had there been no error;
 - (ii) in the case of Rule 1204(a)(ii)(A), Rule 1204(a)(ii)(B) or Rule 1204(a)(v) applying, had no Contract, Transaction or CDS Trade Particulars ever arisen, occurred or been submitted;
 - (iii) in the case of Rule 1204(a)(ii)(C) applying, had the Contract always been subject to such amended terms as are agreed or determined;
 - (iv) in the case of Rule 1204(a)(iii) applying, had the details of the CDS Trade Particulars always been corrected or amended as permitted in accordance with the CDS Procedures; or
 - (v) in the case of Rule 1204(a)(iv) applying and the NOPS Amendment Notice specifies an instrument to be delivered that is an SFD Security, had the Notice of

Physical Settlement been originally issued as amended pursuant to the NOPS Amendment Notice

(any such variation, a "Transfer Order Variation").

- (e) A Transfer Order Variation may be effected only by the Clearing House delivering a notice of amendment of an existing Transfer Order to all affected Participants. Valid delivery of a NOPS Amendment Notice in accordance with Rules 1505 and 1509 by a Matched CDS Buyer in a Matched Pair shall be deemed to constitute notice by the Clearing House for purposes of this Rule 1204(e) in respect of a Transfer Order Variation to a CDS Physical Settlement Order, if the NOPS Amendment Notice specifies an instrument to be delivered that is an SFD Security.
- (f) If any of the circumstances described in Rule 1204(a) has occurred, the Transfer Order in question may at the discretion of the Clearing House alternatively be cancelled. Any such cancellation may be effected by the Clearing House serving a notice of cancellation on all affected Participants. In respect of an [EnergyF&O](#) Block Clearing Order or CDS Clearing Order, such notice shall be deemed to have been given if the Clearing House (or, in the case of an [EnergyF&O](#) Block Clearing Order, any Market) rejects a Transaction or CDS Trade Particulars for Clearing.
- (g) A CDS Physical Settlement Order shall be cancelled immediately and automatically if and when a copy is provided to the Clearing House of a validly delivered NOPS Amendment Notice specifying an instrument for delivery which is not an SFD Security.
- (h) [A LIFFE Delivery Order shall be cancelled immediately and automatically if, prior to it becoming irrevocable, the issuer of the SFD Security that is the Deliverable becomes subject to an Insolvency, redeems all its SFD Securities of a kind which would have been the Deliverables for the delivery or another event occurs under which delivery obligations are substituted for cash settlement obligations under the Contract Terms.](#)
- (i) [A Linked Exchange Incoming Order or Linked Exchange Outgoing Order shall be cancelled immediately and automatically if, prior to it becoming irrevocable, the Participating Exchange or Clearing House rejects or cancels the transfer.](#)
- (j) ~~(h)~~ This Rule 1204 does not affect the ability of the Clearing House to take steps giving rise to a new Transfer Order of opposite effect to an existing Transfer Order or part thereof if any of the events described in Rule 401(a) occur. No Transfer Order Variation shall preclude the cancellation of a Transfer Order in any circumstances in which a Transfer Order may alternatively be cancelled by the Clearing House. The ability of the Clearing House to cancel or vary a Transfer Order shall not preclude a Transfer Order Variation from taking effect.

Rule 1205 *Termination of Transfer Orders*

- (a) Each Payment Transfer Order shall be satisfied immediately and automatically upon all payments required pursuant to the Payment Transfer Order being received in cleared funds or full satisfaction of the relevant underlying obligations is otherwise made, in

either case not subject to any Encumbrances (except as envisaged under a Pledged Collateral Addendum).

- (b) Each Position Transfer Order shall be satisfied immediately and automatically at the same time that it becomes irrevocable under Rule 1203(e) (whereupon all Contracts to which the Transfer Order in question relates will have been transferred, assigned or novated pursuant to the Rules).
- (c) Each Collateral Transfer Order shall be satisfied immediately and automatically at the later of the time when: (i) the Clearing House receives the Non-Cash Collateral in its account; or (ii) the definitive record of the Permitted Cover transferred by the Clearing Member that is the transferor is updated in the ICE Systems to reflect the successful transfer of Non-Cash Collateral to or to the order of the Clearing House pursuant to the Collateral Transfer Order.
- (d) A CDS Clearing Order ~~or Energy, F&O~~ Block Clearing Order, Linked Exchange Incoming Order or Linked Exchange Outgoing Order shall be satisfied immediately and automatically at the same time that the relevant resulting Contracts arise under Rule 401(a).
- (e) A CDS Physical Settlement Order shall be satisfied immediately and automatically at the time when the Clearing House updates its records of the relevant CDS Contracts in the ICE Systems to reflect that either physical delivery of the security in question has been completed or the delivery obligations of the parties under the relevant CDS Contracts have otherwise been discharged or settled.
- (f) A LIFFE Delivery Order shall be satisfied immediately and automatically at the time when the Clearing House (or a Clearing Member to whom delivery is to be made directly from another Clearing Member under Part 7) receives the SFD Security that is the Deliverable, unencumbered in its account.
- (g) ~~(f)~~ If a Credit/Debit Payment Transfer Order becomes irrevocable in respect of the same obligation to which a New Contract Payment Transfer Order relates, the New Contract Payment Transfer Order shall automatically be satisfied and shall not become irrevocable. It is acknowledged that New Contract Payment Transfer Orders will generally terminate in accordance with this Rule 1205(~~fg~~) when standard Clearing and payment processes apply.
- (h) ~~(g)~~ A New Contract Payment Transfer Order relating to an Energy F&O Contract shall be satisfied immediately and automatically if and at the point that the relevant Energy F&O Transaction or Contract is transferred or allocated to another Clearing Member pursuant to Rule 401(a)(viii) or Rule 408(a)(ii).

Part 13 [Not used]

Part 14 Transition Rules [for ICE Energy Markets in 2008](#) [No longer applicable:
available on request.]

Part 15 Credit Default Swaps

Part 15 of the Rules does not apply to ~~Energy~~[F&O](#) Contracts or FX Contracts. References to Contracts in this section are to CDS Contracts. References to any Customer Account in this section are references only to any Designated CDS Customer Account and the terms 'Customer Account Position', 'Customer Margin Account' and 'Customer Position Account' shall be construed accordingly. References to Customers in this section are solely to Customers of CDS Clearing Members in relation to CDS Contracts.

Rule 1501 Definitions

- (a) The term "**2010 PD Amending Directive**" means Directive 2010/73/EU.
- (b) The term "**Applicable Close-out Rate**" means:
 - (i) in respect of obligations which would have been payable but for paragraph 9.2(a)(i)(B) or paragraph 9.2(a)(i)(C) of the CDS Procedures, as the case may be, by a Defaulting Party, the Late Payment Rate; and
 - (ii) in respect of obligations which would have been payable but for paragraph 9.2(a)(i)(B) or paragraph 9.2(a)(i)(C) of the CDS Procedures, as the case may be, by a Non-defaulting Party, the Non-default Rate.
- (c) The term "**Applicable Credit Event**", in relation to a CDS Contract, means any of the Credit Events specified in that CDS Contract as being applicable.
- (d) The term "**CADP**" or "**CDS Alternative Delivery or Settlement Procedure**" has the meaning set out in Rule 1514.
- (e) The term "**CADP Notice**" means a notice delivered to the Clearing House and issued jointly by a Matched CDS Buyer and Matched CDS Seller concerning CADP in respect of a Matched Pair and related Matched CDS Contracts, in the form specified in the CDS Procedures.
- (f) The term "**CDS Buyer**" means a CDS Clearing Member (or, in the circumstances set out in the definition of "Matched Pair", the Clearing House) that is party to a CDS Contract as protection buyer.
- (g) The term "**CDS Seller**" means a CDS Clearing Member (or, in the circumstances set out in the definition of "Matched Pair", the Clearing House) that is party to a CDS Contract as protection seller.
- (h) The term "**Component Transaction**", in relation to any CDS Contract, has the meaning given to that term in the relevant Contract Terms.
- (i) The term "**Credit Event Announcement**" means a DC Credit Event Announcement.
- (j) The term "**Deemed Discharge**" has the meaning set out in Rule 1519.

Part 17 Foreign Exchange

Part 17 of the Rules does not apply to ~~Energy~~F&O Contracts or CDS Contracts.

Rule 1701 *Definitions*

- (a) The term "**Currency Pair**" means, in relation to an FX Contract or an FX Transaction submitted for Clearing, the Reference Currency and the Settlement Currency.
- (b) The term "**FX Default Committee**" shall have the meaning given to that term in the FX Procedures.
- (c) The term "**FX Default Management Policy**" means the FX default management policy in the form approved by the Clearing House, as amended pursuant to processes established pursuant to documents governing the internal governance of the Clearing House and its committees.
- (d) The term "**FX Market Price**" means, in relation to any Financially-Settled FX Contract, on any day, the price which the Clearing House determines is to be treated, for the purposes of these Rules and the Procedures as the value of such Financially-Settled FX Contract at the closing of such day, calculated in the FX MTM Currency for that Financially-Settled FX Contract.
- (e) The term "**FX MTM Currency**" means, in relation to any FX Contract, the currency in which FX Mark-to-Market Margin will be payable in respect of that FX Contract.
- (f) The term "**FX Procedures**" means the section of the Procedures of that name, which is relevant only to the Clearing of FX Contracts.
- (g) The term "**Reference Currency**" means (a) in relation to a Financially-Settled FX Contract, the currency specified as the reference currency in the Clearing House's records, being the currency other than that in which cash settlement is to be made and (b) in relation to an FX Transaction submitted for Clearing, the currency specified as such in the relevant FX Confirmation.
- (h) The term "**Settlement Currency**" means (a) in relation to a Financially-Settled FX Contract, the currency specified as such in the Clearing House's records, being the currency in which cash settlement is to be made on the FX Settlement Date and (b) in relation to an FX Transaction submitted for Clearing, the currency specified as such in the relevant FX Confirmation.
- (i) The terms "**Settlement Rate**" means in relation to a Financially-Settled FX Contract, for the relevant FX Settlement Date, the currency exchange rate, expressed as the amount of Reference Currency per one unit of Settlement Currency, determined by the Clearing House in accordance with the Rules and the Procedures as the settlement rate for the relevant Set of Financially-Settled FX Contracts which includes that Financially-Settled FX Contract.

- (c) The Clearing House may from time to time override the implementation or application of the FX Default Management Policy to the Clearing House or as against some or all of the FX Clearing Members or in respect of one or more Defaulters, subject to prior consultation with the FX Default Committee unless Rule 109(b)(i) or (ii) would apply were the FX Default Management Policy to be Rules and were such overriding to have been effected pursuant to an amendment to the Default Management Policy. The override of the implementation or application of the FX Default Management Policy may only be brought into effect where the Clearing House deems it necessary to manage material risks of the Clearing House or the Clearing Members or any Market (where material risks are those which could materially adversely impact the ongoing financial soundness or the proper performance of the Clearing House or the Clearing Members or the proper functioning of any Market) or is otherwise required to meet the Clearing House's continuing legal or regulatory obligations under Applicable Law. Any determination by the Clearing House to override the implementation or application of the FX Default Management Policy shall be notified to FX Clearing Members.

Rule 1708 *Clearing data relating to FX Contracts*

- (a) Notwithstanding Rule 102(j) or anything else to the contrary in the Rules, in no event will a Clearing Member be liable for any conduct of a Customer of such Clearing Member or such Customer's clients with respect to the use of, or other actions taken with respect to, clearing data in respect of FX Clearing at the Clearing House ("**FX Data**") by such Customer or such Customer's clients if, prior to sharing such FX Data with such Customer, the Customer has agreed that it:
- (i) may reproduce, transmit, distribute or use FX Data (to the extent generated whilst the Clearing Member which has (or whose Affiliate has) ultimately provided it with FX Data remains an FX Clearing Member) solely and exclusively for internal purposes related directly to such Customer's, its Affiliates' and their clients', trading and clearing activity relating to FX Clearing at the Clearing House;
 - (ii) may license, sublicense, transfer, transmit, reproduce and/or distribute copies of the FX Data (to the extent generated whilst the Clearing Member which has (or whose Affiliate has) ultimately provided it with FX Data remains an FX Clearing Member) to its Affiliates and clients, which may in turn license, sublicense, transfer, transmit, reproduce and/or distribute such FX Data only to their direct and indirect clients (each Affiliate, client or client's direct or indirect client that receives such FX Data, a "**Data Recipient**", each client or client's direct or indirect client that distributes such FX Data, a "**Data Distributer Client**" and each Affiliate that distributes such FX Data, a "**Data Distributer Affiliate**"), solely and exclusively to the extent such FX Data is related directly to such Data Recipient's trading and clearing activity relating to FX Clearing at the Clearing House and provided that such Data Recipient has agreed that it may:
 - (A) license, sublicense, transfer, transmit, reproduce and/or distribute such FX Data solely to (x) an Affiliate of such Data Recipient or (y) a different

Data Recipient (other than an Affiliate of such Data Recipient) that in either case has agreed with such Customer to comply with restrictions on similar terms to those set out in this Rule 1708 applying to it as such restrictions would apply to the Customer (including the Data Obligations) *mutatis mutandis*; or

- (B) reproduce, transmit, distribute or use such FX Data only for its own internal use,

in either case solely for purposes related directly to trading and clearing activity relating to FX Clearing at the Clearing House;

- (iii) shall satisfy its Data Obligations as and to the extent provided in this Rule 1708 (which shall be interpreted in the case of a licensor that is not a Customer as if such licensor were a Customer) (the **“Permitted Use Agreement”**), which Permitted Use Agreement may be in any form, including such Data Recipient’s agreement to comply with these Rules, so long as such Permitted Use Agreement is legally binding; and
- (iv) in each case that it becomes aware (from the Clearing House, a Clearing Member, one of their Affiliates, a client or otherwise) that any Data Recipient to which it has directly distributed FX Data is, or is reasonably suspected (as determined in its sole discretion) of being, in violation of the Permitted Use Agreement (or would be in breach of a Permitted Use Agreement, should such agreement have been in place), shall, to the extent permitted by Applicable Law (the following obligations in (A) to (C) below being the **“Data Obligations”**):
 - (A) promptly notify the Clearing House and the Person that provided it with the FX Data (if different) in writing of the name of such Data Recipient and provide a reasonably detailed explanation of the nature of such Data Recipient’s violation, or the circumstances giving rise to the suspicion of a violation or would-be violation, of the Permitted Use Agreement;
 - (B) take such actions as the Clearing House, the Person that provided it with the FX Data (if different) or any of their Affiliates may reasonably request to cause such Data Recipient to cease violating the terms of the Permitted Use Agreement (or, if no Permitted Use Agreement is in place, to cease violating the terms of a Permitted Use Agreement should such agreement have been in place) including, among other things, ceasing the provision of FX Data to any Data Recipient with which it or one of its Affiliates has a direct relationship by which it provides FX Data or suspending such Data Recipient’s direct or indirect use of FX Clearing at the Clearing House through such Customer, until the time as such Data Recipient is in compliance with the Permitted Use Agreement (or, if no Permitted Use Agreement is in place, in compliance with the terms of a Permitted Use Agreement should such agreement have been in place); and

- (C) when requested by the Clearing House, the Person that provided it with the FX Data (if different) or any of their Affiliates pursuant to its other Data Obligations, cease the provision of FX Data to a Data Recipient if and when the Clearing House, the Person that provided it with the FX Data (if different) or any of their Affiliates reasonably suspects (as determined by the Clearing House, such Person or such Affiliate, as applicable, in its sole discretion) that such Data Recipient is in violation of the Permitted Use Agreement (or would be in violation of a Permitted Use Agreement, should such agreement have been in place).
- (b) Nothing in this Rule 1708 shall impose any obligation on any Clearing Member, Customer or any of their Affiliates to monitor their Customers' or clients' use of FX Data or to independently investigate actual or suspected breaches of the Permitted Use Agreement, subject as set out in Rule 1708(a)(iv)(C).
- (c) Nothing in this Rule 1708 shall prevent or restrict any Person from:
 - (i) using its own data relating to its own trading developed by such Person independently of, and without reference to, any FX Data; or
 - (ii) providing any FX Data to any Governmental Authority as necessary to comply with any Applicable Law (including, for the avoidance of doubt, any request of a Governmental Authority).
- (d) It is intended that a Customer or any other Person may agree to the application of the restrictions and obligations set out in this Rule 1708 by agreeing with a Person that provides FX Data to such Customer or Person that the Rules are applicable to or contractually bind such Customer or Person (and, for the avoidance of doubt, it is intended that by so agreeing, the Customer or such Person thereby affirmatively agrees to comply with subsections (i) through (iv) of paragraph (a) hereof).

Rule 1709 *Controllers*

- (a) If a Controller Guarantee has been provided in favour of an FX Clearing Member, the FX Clearing Member to which the Controller Guarantee relates shall procure that the Controller:
 - (i) at all times complies with the requirements of Rule 201(a)(~~viii~~x), Rule 202(a)(ii), Rule 202(a)(iii), Rule 202(a)(v), Rule 202(a)(vi), Rule 202(a)(x) and Rule 202(a)(xiii) as if the Controller were a Clearing Member, *mutatis mutandis*, and such provisions applied to the Controller's business;
 - (ii) would not breach any of the requirements of Rule 203, were the Controller to be a Clearing Member subject to the requirements of Rule 203, *mutatis mutandis*, and such provisions applied to the Controller's business; and

- (B) the total amounts of FX Assessment Contributions for which the FX Clearing Member is liable in respect of all Events of Default referred to in Rule 1710(c)(iii) shall not exceed an amount equal to two times the amount of the required FX Guaranty Fund Contribution referred to in Rule 1710(c)(A).
- (d) Any termination notice issued by an FX Clearing Member under Rule 209(c)(i)(A) or Rule 209(f)(i)(A) shall be irrevocable by the FX Clearing Member and FX membership may only be reinstated pursuant to a new application for membership.
- (e) In addition to the remedies set out or referred to in this Rule 1710, if any FX Clearing Member has served a notice of termination under Rule 209(c)(i)(A) or Rule 209(f)(i)(A) and has any open FX Contracts with the Clearing House after the last day of the three month notice period, the Clearing House may exercise its rights under Part 9 to liquidate the open FX Contracts of such FX Clearing Member, as if such FX Clearing Member were a Defaulter. An FX Clearing Member subject to this provision is not a Defaulter and no Default Notice will be issued or required to be issued in respect of such FX Clearing Member in order for the Clearing House to exercise its rights under this provision.

Part 18 Transition Rules for LIFFE in 2013

Rule 1801 Introduction

- (a) These Transitional Rules deal with certain matters occurring at and around the Novation Time. These Transitional Rules form part of the Rules and are intended to be interpreted together with the Rules. All terms used but not defined in these Transitional Rules have the meaning given to them elsewhere in the Rules. In the event of any conflict between the Rules and these Transitional Rules in relation to any matter to which these Transitional Rules relate, these Transitional Rules shall prevail.
- (b) These Transitional Rules will cease to apply on a date notified by the Clearing House to Clearing Members in a Circular, following such consultation with LIFFE and LCH as has been agreed to take place as between the Clearing House, LIFFE and LCH.

Rule 1802 Additional Definitions

- (a) The term "**Cash Collateral Transfer Form**" means a form provided by a Cash Transferring Member to the Clearing House and accepted by the Clearing House, the form of which is set out in the annex to Clearing Member Cash Instructions, including details of the amounts of Transferring Cash for that Cash Transferring Member.
- (b) The term "**Cash Transferring Member**" means a LIFFE Clearing Member that has duly executed Clearing Member Cash Instructions, has provided the Clearing House with a Cash Collateral Transfer Form and has duly executed and delivered a Deed of Novation.
- (c) The term "**Clearing Member Cash Instructions**" means an agreement duly executed by a Cash Transferring Member, LCH, LIFFE and the Clearing House relating to Transferring Cash, in the form specified by the Clearing House.
- (d) The term "**Clearing Member Instructions**" means Clearing Member Cash Instructions or Clearing Member Securities Instructions.
- (e) The term "**Clearing Member Securities Instructions**" means an agreement in the form of a deed duly executed and delivered by a Securities Transferring Member, LCH, LIFFE and the Clearing House relating to Transferring Securities, in the form specified by the Clearing House.
- (f) The term "**Collateral Transfer Form**" means a Cash Collateral Transfer Form or a Securities Collateral Transfer Form.
- (g) The term "**Deed of Novation**" means a deed duly executed and delivered by a LIFFE Clearing Member, LIFFE, LCH and the Clearing House in respect of the Novation.
- (h) The term "**Delivery Contract**" means, in respect of any 'Registered Exchange Contract' (as the same is defined in the LIFFE Clearing Membership Agreement), the set of payment and delivery rights and obligations arising as between a LIFFE Clearing Member and LCH pursuant to clause 6.7 of a LIFFE Clearing Membership Agreement.

which, at the Novation Time, has not been cash settled or otherwise performed, discharged or closed out, void, voided, terminated or rescinded in full, and includes any such Delivery Contract to the extent the same has, as at the Novation Time, been novated from LCH to ICE Clear pursuant to a Deed of Novation; and for the avoidance of doubt, Delivery Contracts include such rights, liabilities and obligations as exist between a LIFFE Clearing Member and LCH in respect of the Northern Rock Contracts at the Novation Time. The term "LCH" means LCH.Clearnet Limited, whose registered office is at Aldgate House, 33 Aldgate High Street, London EC3N 1EA.

- (i) The term "**LCH Delivery Procedures**" means those published procedures governing the performance of delivery obligations, and in relation to deliveries of securities, payment obligations, in relation to Delivery Contracts, being LCH's NYSE Liffe Clearing Procedures (section 2H of the LCH procedures) as published by LCH on its website as at the Novation Time, which in turn reference LIFFE Rules.
- (j) The term "**LCH Regulations**" means the rules, regulations, default rules and published procedures of LCH relating to the clearing of LIFFE, as amended from time to time.
- (k) The term "**LIFFE Clearing Membership Agreement**" means a clearing membership agreement between a LIFFE Clearing Member, LCH and LIFFE (including, after the Novation Time, such agreement to the extent still applicable as between a LIFFE Clearing Member and LIFFE).
- (l) The term "**LIFFE Rules**" means the rules, regulations, default rules and procedures for trading and related clearing on the LIFFE Markets, including, without limitation, book I (Harmonised Rules) (to the extent applicable to LIFFE) and book II (Rules Specific to LIFFE) in each case as amended or supplemented from time to time
- (m) The term "**Lodgement Instructions**" means instructions of that name provided by a LIFFE Clearing Member to the Clearing House, the form of which is established pursuant to the Rules.
- (n) The term "**Northern Rock Contracts**" means the rights, obligations and liabilities arising out of the LIFFE Northern Rock individual equity options contracts where LIFFE Clearing Members hold positions under such contracts as a 'Registered Exchange Contract' (as defined in the LIFFE Clearing Membership Agreement) immediately prior to the Novation Time.
- (o) The term "**Novating Contract**" means an Open Contract or a Delivery Contract.
- (p) The term "**Novation**" means the novation of Novating Contracts pursuant to the Deeds of Novation and these Transitional Rules and other matters that occur at the Novation Time pursuant to the Deeds of Novation, Clearing Member Instructions and Collateral Transfer Forms.
- (q) The term "**Novation Time**" means the novation time that is determined in accordance with the Deeds of Novation, which will be communicated to LIFFE Clearing Members by the Clearing House.

- (r) The term "**Open Contract**" means a contract between a LIFFE Clearing Member and LIFFE made in accordance with the LIFFE Rules as a result of trading or otherwise, which is open immediately prior to the Novation Time and which has not, as at the Novation Time, been cash settled or otherwise performed, discharged or closed out, void, voided, terminated or rescinded in full, and includes all obligations, rights and liabilities as between LIFFE Clearing Members and LIFFE under contracts which have given rise to settlement obligations to the extent that such obligations, rights and liabilities have not been modified and discharged pursuant to clause 6.7 of a LIFFE Clearing Membership Agreement; and for the avoidance of doubt, Open Contracts include such rights, liabilities and obligations as exist between LIFFE and a LIFFE Clearing Member in respect of the Northern Rock Contracts at the Novation Time.
- (s) The term "**Securities Collateral Transfer Form**" means a form provided by a Securities Transferring Member to the Clearing House and accepted by the Clearing House, the form of which is set out in the annex to Clearing Member Securities Instructions, including details of the Transferring Securities for that Securities Transferring Member.
- (t) The term "**Securities Transferring Member**" means a LIFFE Clearing Member that has duly executed and delivered Clearing Member Securities Instructions and a Deed of Novation and has provided the Clearing House with a Securities Collateral Transfer Form and Lodgement Instructions.
- (u) The term "**Transitional Cash Collateral Deadline**" means 11:00 a.m. on the Friday immediately following the Novation Time.
- (v) The term "**Transitional Rules**" means these transitional rules.
- (w) The term "**Transitional Securities Collateral Deadline**" means 11:00 a.m. on the Tuesday immediately following the Novation Time.
- (x) The term "**Transferring Cash**" means all cash in the form of Permitted Cover identified in Cash Collateral Transfer Forms in accordance with Clearing Member Cash Instructions, including all rights, interests and titles in, to, or under the same.
- (y) The term "**Transferring Securities**" means all Permitted Cover other than cash identified in Securities Collateral Transfer Forms in accordance with Clearing Member Securities Instructions, including all rights, interests and titles in, to, or under the same.

Rule 1803 Contracts

- (a) Notwithstanding Rules 401(a) and 401(b), any Contract that would otherwise arise pursuant to Rule 401(a) or Rule 401(b) prior to the Novation Time due to trading on or reporting to LIFFE prior to the Novation Time shall not arise unless it is subject to the Novation, in which case it shall arise at the Novation Time in accordance with Rule 1803(b), subject to Rule 1806.
- (b) At the Novation Time, pursuant to and in the manner specified in the Deeds of Novation:
(i) the Clearing House (in place of LIFFE) and each LIFFE Clearing Member that has

executed and delivered a Deed of Novation will become party to a replacement LIFFE Contract on the terms set out in these Rules in respect of each Open Contract to which that LIFFE Clearing Member is a party; and (ii) the Clearing House (in place of LCH) and each LIFFE Clearing Member that has executed a Deed of Novation will become party to a replacement LIFFE Contract that is subject to delivery obligations on the terms set out in these Rules in respect of each Delivery Contract to which that LIFFE Clearing Member is a party.

- (c) The status of a Transaction or Contract as void *ab initio* under Rule 403 shall apply equally to any Novating Contract in respect of which incomplete or conflicting details are received by the Clearing House from LCH, LIFFE and/or the relevant LIFFE Clearing Member.

Rule 1804 *Margin*

- (a) Each LIFFE Clearing Member shall have satisfied applicable Original Margin obligations at, immediately prior to, and after the Novation Time in respect of Novating Contracts to which it is a party.

- (b) To the extent that any cash is received in cleared funds into an account at a Concentration Bank by the Clearing House from LCH in respect of a LIFFE Clearing Member (which extent, in respect of any LIFFE Clearing Member, is determined in accordance with the Cash Collateral Transfer Form), the LIFFE Clearing Member will be deemed to have deposited Permitted Cover in the form of cash with the Clearing House in accordance with the applicable Clearing Membership Agreement (regardless of the status of Transferring Cash prior to such time). To the extent that any securities equivalent to Transferring Securities are received by the Clearing House free from all Encumbrances from LCH in respect of a LIFFE Clearing Member, the LIFFE Clearing Member will be deemed to have transferred Permitted Cover in the form of securities fungible with the Transferring Securities with the Clearing House in accordance with the applicable Clearing Membership Agreement (regardless of the status of Transferring Securities prior to such time).

- (i) Subject to Rule 1804(d), the following shall also amount to Permitted Cover:

(A) for Cash Transferring Members only: from the Novation Time until the Transitional Cash Collateral Deadline, the amount of Transferring Cash identified in Cash Collateral Transfer Forms to the extent that the same is not received by the Clearing House in cleared funds into its account at a Concentration Bank and LCH holds equivalent assets on trust for the benefit of the Clearing House in accordance with the Clearing Member Cash Instructions; and

(B) for Securities Transferring Members only: from the Novation Time until the Transitional Securities Collateral Deadline, securities fungible with the Transferring Securities identified in Securities Collateral Transfer Forms to the extent that the same are held in accounts of LCH for the benefit of

the Clearing House in accordance with the Clearing Member Securities Instructions.

- (c) The first sentence of Rule 502(b) shall not apply in relation to Transferring Securities described in Rule 1804(b).
- (d) If the Clearing House:
 - (i) does not receive, in cleared funds into its account at a Concentration Bank, all the Transferring Cash from LCH at or prior to the Transitional Cash Collateral Deadline;
 - (ii) does not receive Permitted Cover fungible with all the Transferring Securities in respect of any Securities Transferring Member at or prior to the Transitional Securities Collateral Deadline in its normal custody accounts as specified pursuant to the Finance Procedures; or
 - (iii) determines at its discretion (which determination may be made prior to the Transitional Cash Collateral Deadline or Transitional Securities Collateral Deadline, as applicable) that it is unlikely to receive cash equal to any amount of Transferring Cash or Permitted Cover fungible with any Transferring Securities at or prior to the Transitional Cash Collateral Deadline or the Transitional Securities Collateral Deadline respectively.

the Clearing House shall be entitled to disapply Rule 1804(b)(i) in respect of a particular LIFFE Clearing Member or particular Permitted Cover or all or some LIFFE Clearing Members or Permitted Cover, as applicable. In such circumstances, any affected LIFFE Clearing Member shall be liable to pay the Clearing House such amounts in respect of Margin and other liabilities as are due pursuant to the Rules without taking into account any value attributed to Transferring Cash or Transferring Securities held in the manner described in Rule 1804(b)(i). The Clearing House will either issue a Circular whenever this Rule 1804(d) applies, if a number of LIFFE Clearing Members are affected, or otherwise shall notify any LIFFE Clearing Member affected, LIFFE and LCH.

- (e) In the event of any conflict, the provisions of the Rules and Procedures relating to interest or collateral charges do not apply to the extent that the same are inconsistent with the provisions of the Deed of Novation, Clearing Member Cash Instructions or Clearing Member Securities Instructions.
- (f) Interest or collateral charges due to or from a Clearing Member on Transferring Cash in respect of the period until close of business on the day of the Novation Time will be payable to or by such Clearing Member by or to LCH (in relation to any transferred Transferring Cash and any interest payable by LCH only to the extent that LCH receives interest payments from the Clearing House). Interest or collateral charges due to or from a Clearing Member on Transferring Cash in respect of the period after close of business on the day of the Novation Time will be payable to or by a Clearing Member by or to the Clearing House (in relation to any interest payable by the Clearing House or any untransferred Transferring Cash only to the extent that the Clearing House receives

interest payments from LCH). Any interest or collateral charges in respect of Transferring Cash which is held by LCH shall be due or charged at LCH's published rates. Any interest or collateral charges in respect of Transferring Cash which has been received by the Clearing House shall be due or charged at the Clearing House's published rates. Clearing Members shall pay the Clearing House or LCH interest or collateral charges on Transferring Cash as notified by either the Clearing House or LCH or may be paid interest on Transferring Cash by either the Clearing House or LCH, including in respect of amounts which pursuant to Clearing Member Cash Instructions would be payable by or to the other clearing house, where, for reasons of administrative convenience, the Clearing House or LCH agree to act as collection or paying agent on behalf of the other.

(g) In relation to securities representing the Transferring Securities only:

(i) any income or redemption amounts due to LIFFE Clearing Members on securities representing Transferring Securities received by LCH after the Novation Time shall be payable by LCH to LIFFE Clearing Members:

(A) to the extent the same relates to the period prior to the Novation Time, calculated on the basis of the rates, fee schedules, charges and arrangements for the passing-on of income or redemption amounts of LCH for its clearing members in respect of the LIFFE Markets on securities provided as 'cover' (as that term is used in the LCH Regulations) as at the Novation Time; and

(B) to the extent that LCH receives an equivalent amount from the issuer or its agent after the Novation Time but such amount relates in whole or in part to a payment that relates to the period after the Novation Time, as agent for the Clearing House, and calculated on the basis of the rates, fee schedules, charges and arrangements for the passing-on of income or redemption amounts of the Clearing House for LIFFE Clearing Members on securities provided as Permitted Cover as at Novation Time and such payment shall discharge any liability of the Clearing House and LCH to pay such income or redemption amounts to LIFFE Clearing Members; and

(ii) any income or redemption amounts due to LIFFE Clearing Members on securities representing Transferring Securities received by the Clearing House, regardless of the time of receipt, shall be payable by the Clearing House to LIFFE Clearing Members in accordance with the Rules calculated on the basis of the rates, fee schedules and charges levied by the Clearing House on LIFFE Clearing Members for income or redemption amounts on securities provided as Permitted Cover as at Novation Time. To the extent any such income or redemption amount relates to the time prior to the Novation Time, such payment shall discharge any liability of LCH to pay such income or redemption amounts to LIFFE Clearing Members.

(h) In relation to securities representing the Transferring Securities and cash, to the extent these:

- (i) are not transferred to the account of the Clearing House, LIFFE Clearing Members shall to pay to LCH any fees and charges levied by LCH calculated on the basis of the fees and charges levied by LCH to its clearing members in respect of the LIFFE Markets as at the Novation Time; and
 - (ii) are transferred to the account of the Clearing House, LIFFE Clearing Members shall pay to the Clearing House any fees and charges levied by the Clearing House calculated on the basis of the fees and charges levied by the Clearing House to LIFFE Clearing Members as at the Novation Time.
- (i) For FCM Clearing Members that have executed Clearing Member Cash Instructions, cash margin will not be treated as subject to the Pledged Collateral Addendum until such time as cash is actually received in the Clearing House's Concentration Account from LCH and credited in the name of the relevant FCM Clearing Member, and the representation and warranty provided by such FCM Clearing Member pursuant to Clause 2.2(vi) of the applicable Clearing Member Cash Instructions shall cease to have effect at such time. For FCM Clearing Members that have executed Clearing Member Securities Instructions, securities will not be treated as subject to the Pledged Collateral Addendum until such time as relevant securities are received in the Clearing House's account (other than at LCH) and credited in the name of the relevant FCM Clearing Member, and the representation and warranty provided by such FCM Clearing Member pursuant to Clause 2.2(viii) of the applicable Clearing Member Securities Instructions shall cease to have effect at such time. Prior to such time, such securities shall be treated as if provided under a title transfer arrangement, pursuant to the Clearing Member Securities Instructions.

Rule 1805 **Delivery Contracts**

- (a) LCH and LIFFE have each agreed to administer certain deliveries of Deliverables pursuant to Delivery Contracts as agent for the Clearing House.
- (b) Satisfaction of the relevant provisions of the Delivery Procedures, LCH Regulations and LIFFE Rules applicable to: (i) the making and taking of physical deliveries; (ii) the delivery and receipt of notices and forms in respect of deliveries; (iii) in respect of securities deliveries, making and receiving corresponding cash payments; and (iv) in respect of deliveries other than securities deliveries, the making of cash payments to a LIFFE Clearing Member acting as Seller to a relevant Delivery Contract where, prior to the Novation Time payment was due or has been received by LCH from the LIFFE Clearing Member that is the Buyer in the corresponding Delivery Contract, in all cases at the times and in the manners required pursuant to the Delivery Procedures, LCH Regulations and LIFFE Rules, shall constitute due performance for the purposes of the Rules in relation to Delivery Contracts and performance in such circumstances by the LIFFE Clearing Member to LCH or by LCH to the LIFFE Clearing Member shall constitute good performance to or by the Clearing House respectively.
- (c) Subject to Rule 1805(d) below, any arbitration, dispute or alternative delivery procedure arising in connection with a Delivery Contract (other than in relation to any payment)

shall be governed by and subject to the terms of the LCH Regulations and LIFFE Rules. The relevant provisions of the LCH Regulations and LIFFE Rules, as the LCH Regulations and LIFFE Rules apply to LCH and LIFFE respectively, will apply equally to the Clearing House solely for such purposes. All the provisions of the LCH Regulations and LIFFE Rules relating to deliveries (and definitions used therein, which shall prevail over any definitions in the Rules for the purposes of this Rule 1805 only) shall be deemed to be set out herein in full for the purposes of this Rule 1805 only.

- (d) The Clearing House shall have the same right as LIFFE and/or LCH to take such action against a LIFFE Clearing Member under the Rules in relation to obligations which are not fully performed or completed or which are only partially performed or completed at the Novation Time, regardless of whether any matter or event occurred or circumstance arose or relevant action or omission took place prior to the Novation Time.
- (e) Rule 1805(b) does not affect the applicability of the Rules or Procedures relating to original or variation margin, interim variation margin, contingent variation margin, settlement amounts, delivery value or any similar payments under a Delivery Contract (except for the payments set out in Rule 1805(b)), howsoever described arising in connection with Delivery Contracts. For the avoidance of doubt, all payments and transfers of or in respect of Margin or Guaranty Fund Contributions relating to Delivery Contracts must be made to the Clearing House in the normal way, in accordance with the Rules and Procedures.

Rule 1806 **Guaranty Fund Contributions**

- (a) Each LIFFE Clearing Member shall have deposited the required F&O Guaranty Fund Contributions (including any increase to previous F&O Guaranty Fund Contributions) with the Clearing House at least five Business Days prior to the scheduled Novation Time.

EXHIBIT 1**ICE CLEAR EUROPE LIMITED****CUSTOMER-CM CDS TRANSACTIONS STANDARD TERMS****BACKGROUND:**

- (1) Clearing Member is a Non-FCM/BD Clearing Member, as defined in the rules (the "**Rules**") of ICE Clear Europe Limited (the "**Clearing House**") and is thereby permitted to submit certain CDS Trade Particulars which, if an Acceptance Notice is issued, will result in a cleared CDS Contract arising in accordance with the Rules and the CDS Procedures of the Clearing House.
- (2) Clearing Member and Segregated CDS Customer desire to agree to the operation of the Rules and the Procedures in relation to any Customer-CM CDS Transactions that may arise following the submission of the related CDS Trade Particulars, as further provided for in these Customer-CM CDS Transactions Standard Terms (these "**Standard Terms**").
- (3) Clearing Member and Segregated CDS Customer have established a "**master**" futures account, clearing agreement or other master agreement (the "**Cleared Transactions Master Agreement**", as amended from time to time) and, if applicable, a related collateral arrangement, whether contained in the same or another agreement (the "**Cleared Transactions Margin Terms**", as amended from time to time) with respect to cleared transactions, including such Customer-CM CDS Transactions (which Cleared Transactions Master Agreement may be supplemented by a cleared derivatives addendum, or similar document, as agreed by Clearing Member and Segregated CDS Customer (together, the "**Customer-Clearing Member Agreement**") and as amended and supplemented by these Standard Terms).

STANDARD TERMS:

1. **Defined Terms.** Terms used but not otherwise defined in these Standard Terms shall have the meaning set forth in the Rules or the Procedures, as applicable.
2. **Exhibit to Rules.** These Standard Terms are published by the Clearing House as an Exhibit to the Rules but do not form part of the Rules. Clearing Member and Segregated CDS Customer agree that any amendments, modifications, restatements or supplements in respect of such Exhibit to the Rules (including the withdrawal of any part of these Standard Terms) may be effective if made by the Clearing House pursuant to the provisions of Rule 109 as if the Exhibit were Rules and as if Rule 109 applied to Segregated CDS Customers in addition to, and in the same way as it applies to, Clearing Members. At the request of Clearing Member or the Clearing House, Segregated CDS Customer will enter into a written confirmation of the terms of any such amendment, modification, supplement or restatement.

3. *Cleared Transactions.*

- (a) Clearing Member may designate, by specifying that certain CDS Trade Particulars submitted to the Clearing House are to be recorded in a Customer Position Account, that certain transactions between Clearing Member and Segregated CDS Customer shall arise at the same time as related CDS Contracts and shall constitute Customer-CM CDS Transactions.
- (b) Clearing Member and Segregated CDS Customer agree that a Customer-CM CDS Transaction shall arise automatically and without further action on the part of Clearing Member or Segregated CDS Customer at the Acceptance Time in respect of the related CDS Contract.
- (c) The terms of any Customer-CM CDS Transaction shall, save as contemplated by these Standard Terms, be identical to those of the related CDS Contract between Clearing Member and the Clearing House (as such CDS Contract may be amended from time to time in accordance with the Rules and/or CDS Procedures), except that:
 - (i) if the Clearing Member is the protection seller under the CDS Contract it shall be the protection buyer under the Customer-CM CDS Transaction and vice versa;
 - (ii) Segregated CDS Customer's recourse against Clearing Member shall be limited and Clearing Member's obligations to Segregated CDS Customer shall be conditional as provided for in Section 8(c) below; and
 - (iii) Customer-CM CDS Transactions shall also be subject to these Standard Terms and the terms of the Customer-Clearing Member Agreement.
- (d) If any Customer-CM CDS Transactions are governed by a Customer-Clearing Member Agreement which is not a separate agreement from any master agreement (each a **"Non-Cleared Master Agreement"**) applicable to transactions between Clearing Member and Segregated CDS Customer other than Customer-CM CDS Transactions (**"Non-Cleared Transactions"**), Clearing Member and Segregated CDS Customer shall distinguish in their books and records Customer-CM CDS Transactions from Non-Cleared Transactions to the extent required to enable them to comply with the Rules, the Procedures and these Standard Terms.
- (e) For purposes of the Customer-Clearing Member Agreement, in the event of any inconsistency among or between the Customer-Clearing Member Agreement, these Standard Terms, the Rules and the Procedures with respect to Customer-CM CDS Transactions the following provisions shall prevail in the following order: (i) first, the Rules from time to time; (ii) second, subject to (m) below, the Procedures from time to time; (iii) third, these Standard Terms from time to time; and (iv) fourth, the Customer-Clearing Member Agreement.

respect of Customer-CM CDS Transactions and may be amended and/or withdrawn only as provided for in paragraph 2 of these Standard Terms. Initially, such additional standard terms are the Settlement and Notices Terms as published by the Clearing House as an Exhibit to the Rules.

- (o) On each date on which the Customer has any open Customer-CM CDS Transaction, the Customer shall represent that the Clearing House is not prevented from entering into any Contract nor is the Clearing Member prevented from entering into any Customer-CM CDS Transaction as a result of any sanctions administered or imposed by the European Union, H.M. Treasury, the Office of Foreign Assets Control of the U.S. Department of the Treasury, the United Nations Security Council or any other relevant Governmental Authority affecting the Customer or any of its assets.

4. *Margin Requirements.*

- (a) Subject as agreed otherwise in the Customer-Clearing Member Agreement, Clearing Member shall be entitled to require each of its Customers in respect of CDS Contracts to provide margin (or permitted cover in respect thereof) (such assets, "Customer Collateral") in an amount no less than the amount of Margin of each relevant type required on a gross basis by the Clearing House with respect to the relevant Open Contract Position(s), separately for each relevant class of Designated CDS Customer Account. For this purpose, "gross basis" shall mean that the margin requirement will be determined giving effect to any offset permitted under the Rules of such Open Contract Positions against Open Contract Positions relating to the same Set and Customer in the same Designated CDS Customer Account, but without giving effect to any offset or permitted offset of such Open Contract Positions against Open Contract Positions relating to a different Customer.
- (b) Segregated CDS Customer agrees that Clearing Member may use any margin provided by Segregated CDS Customer under the Customer-Clearing Member Agreement to satisfy Clearing Member's obligations to the Clearing House under Rule 504 and Rule 505 and Segregated CDS Customer shall not be entitled to assert any equitable or other claim to any such Eligible Collateral and/or Permitted Cover that has been transferred to the Clearing House.

5. *Events of Default and Termination.*

- (a) In the event of the declaration by the Clearing House of an Event of Default (as defined in the Rules) with respect to Clearing Member (such an event being an **ICE-Declared Default**), whether or not any other default (howsoever defined or described) has also occurred under the Customer-Clearing Member Agreement or otherwise, Segregated CDS Customer shall not be entitled to exercise any remedies with respect to Customer-CM CDS Transactions pursuant to the Customer-Clearing Member Agreement or otherwise, except as provided herein (and any other remedies being exercised at the time of the declaration of such

ICE-Declared Default shall cease and be superseded by the applicable provisions of these Standard Terms).

- (b) If an ICE-Declared Default occurs at a time when Clearing Member has not already terminated the relevant Customer-CM CDS Transactions by reason of the occurrence of an event of default or termination event relating to Segregated CDS Customer, Clearing Member may not take any action against Segregated CDS Customer that may interfere with the Default Portability Rule resulting in Segregated CDS Customer discharging its obligations to Clearing Member as provided for in Section 6(e) below. Save for such restriction, nothing in these Standard Terms will limit Clearing Member's remedies under the Customer-Clearing Member Agreement in respect of Customer-CM CDS Transactions if an event of default or termination event (or similar concept) with respect to Segregated CDS Customer occurs under the Customer-Clearing Member Agreement.

6. ***Post-default Portability; Termination and Valuation of Cleared Transactions.***

- (a) Segregated CDS Customer shall indicate to Clearing Member in such manner as the Clearing House may direct:
- (i) Segregated CDS Customer's preference as to whether, in the event of an ICE-Declared Default, it would prefer the Clearing House to apply the Default Portability Rules and related processes to the Segregated CDS Customer's Customer-CM CDS Transactions and related CDS Contracts; and
- (ii) the identity of any one or more designated "preferred" Transferee Clearing Member(s) to which it would prefer its Customer-CM CDS Transactions (and related CDS Contracts) to be Transferred pursuant to the Default Portability Rules in the case of an ICE-Declared Default (any such preference, a "Default Portability Preference").

Any Default Portability Preference notified by Segregated CDS Customer must apply to all Customer-CM CDS Transactions with Clearing Member. Any such Default Portability Preference by Segregated CDS Customer may be amended by notice to Clearing Member (who will, in turn, notify the Clearing House in accordance with the Rules and the Procedures), at any time prior to the occurrence of an ICE-Declared Default in respect of Clearing Member or, at the discretion of the Clearing House, by notice directly to the Clearing House in accordance with the Rules and the Procedures, following the occurrence of such an ICE-Declared Default.

- (b) Segregated CDS Customer hereby consents and agrees that, in the event of an ICE-Declared Default, whether or not Segregated CDS Customer has specified a Default Portability Preference, the Clearing House shall be entitled (but shall not be obliged) to apply the Default Portability Rules with respect to CDS Contracts

including without limitation execution of documentation confirming or agreeing to any terms specified by Transferee Clearing Member pursuant to Rule 904(l)(ii).

- (e) In connection with any Transfer of Customer-CM CDS Transactions pursuant to the Default Portability Rules, any termination payments owed between Segregated CDS Customer and Clearing Member in respect of the relevant Customer-CM CDS Transactions (determined in accordance with the Rules and the provisions of the Customer-Clearing Member Agreement), any termination payments owed between Clearing Member and the Clearing House in respect of the related CDS Contracts (which in each case shall be determined by the Clearing House pursuant to its default rules), any upfront Mark-to-Market Margin payments owed between Segregated CDS Customer and the Transferee Clearing Member with respect to the initiation of the replacement cleared transactions and any upfront Mark-to-Market Margin payments owed between such Transferee Clearing Member and the Clearing House with respect to the initiation of replacement CDS Contracts shall be equal.
- (f) In the event of an ICE-Declared Default:
- (i) If, as of the end of the period of up to three Business Days following an ICE-Declared Default in respect of Clearing Member during which the Clearing House will seek to apply its Default Portability Rules and related processes to Customer-CM CDS Transactions (the **“Transfer Period”**), the Customer-CM CDS Transactions have not been transferred or replaced pursuant to the Default Portability Rules, such Customer-CM CDS Transactions shall be deemed to have been terminated, and in such case an early termination date (or similar concept) in respect of the Customer-CM CDS Transactions shall occur under the Customer-Clearing Member Agreement, on the applicable date on which the Clearing House terminates the related CDS Contracts pursuant to Part 9 of the Rules.
- (ii) Notwithstanding anything to the contrary in the Customer-Clearing Member Agreement or any other agreement or arrangement between Clearing Member and Segregated CDS Customer, the amount payable pursuant to the Customer-Clearing Member Agreement in respect of the termination of the Customer-CM CDS Transactions (the **“Cleared Transactions Termination Amount”**) shall be determined on the basis of the termination value calculated by the Clearing House for the corresponding CDS Contracts pursuant to Part 9 of the Rules but subject always, in the case of amounts due from Clearing Member, to Section 8(c) below. Segregated CDS Customer hereby agrees and acknowledges that any determination made by the Clearing House with respect to the termination value of a CDS Contract or a Customer-CM CDS Transaction shall be conclusive and binding upon Segregated CDS Customer for this purpose to the same extent that any ‘net sum’ declared by the Clearing House is conclusive and binding on Clearing Member.

obliged to pay to Clearing Member an amount equal to such additional amount (or the applicable portion thereof), but without duplication of any additional amount payable by Segregated CDS Customer under any relevant provision of the Customer-Clearing Member Agreement, (ii) for the avoidance of doubt, and without prejudice to the above, if Clearing House deducts or withholds any amount otherwise payable to Clearing Member on a CDS Contract pursuant to Rule 301 or the Contract Terms, Clearing Member shall be entitled to make a corresponding deduction from any amount otherwise payable by Clearing Member to Segregated CDS Customer under a corresponding Customer-CM CDS Transaction, and (iii) where such additional amount or deduction may be attributable to both Customer-CM CDS Transactions and to Customer-CM CDS Transactions of other customers, Clearing Member shall allocate such additional amount or deduction among such contracts on a pro rata basis.

10. ***Reliance on CDS Trade Particulars and submissions to Deriv/SERV etc.***

The Clearing House shall be entitled to assume, without enquiry, that (i) at each Acceptance Time at which a Customer-CM CDS Transaction arises, the respective obligations of Clearing Member and Segregated CDS Customer under such Customer-CM CDS Transaction constitutes its legal, valid and binding obligations enforceable in accordance with their respective terms, subject to applicable bankruptcy, reorganisation, insolvency, moratorium or similar laws affecting creditors' rights generally and subject, as to enforceability, to equitable principles in general application (regardless of whether enforcement is sought in a proceeding in equity or at law); (ii) where Segregated CDS Customer or Clearing Member are acting out of an office in the United States of America, each of Clearing Member and Segregated CDS Customer represents to the other and to the Clearing House that it is an "eligible contract participant" as defined in the US Commodity Exchange Act, as amended and (iii) that the Clearing House is duly authorised by Clearing Member and Segregated CDS Customer to submit, in accordance with the Rules and the Procedures, details of any CDS Trade Particulars or Customer-CM CDS Transaction to Deriv/SERV or another service specified by the Clearing House and to amend or delete such records from time to time in accordance with the Rules and the Procedures, in each case subject to Applicable Law. For the avoidance of doubt, Clearing Member shall not take any actions in Deriv/SERV of a nature specified in this paragraph and neither the Clearing House nor Clearing Member will be liable to Segregated CDS Customer for any action or omission of the Clearing House as a result of having made such submissions. The sole remedy of Segregated CDS Customer in the case of any error shall be to request that Clearing Member request the Clearing House to amend or correct any error pursuant to the Rules or Procedures.

11. ***Third Party Rights.***

The Clearing House shall be entitled to rely upon and enjoy the benefit of the representations, warranties, agreements, obligations and covenants of the Customer under these Standard Terms and shall have the right to enforce such representations, warranties, agreements, obligations and covenants against the parties under the Contracts (Rights of Third Parties) Act 1999. Other than as set out in this Section 11, no persons other than

EXHIBIT 2**ICE CLEAR EUROPE LIMITED****SETTLEMENT AND NOTICES TERMS****1. APPLICATION AND INTERPRETATION**

These settlement and notices terms (the "**Settlement and Notices Terms**") apply to all Customer-CM CDS Transactions and, where specified, to the clearing arrangements between an FCM/BD CDS Clearing Member and its FCM/BD Customers and, in each case, to the related CDS Contracts (the term "**CDS Contract**", as used in these Settlement and Notices Terms, is restricted to such CDS Contracts). Notwithstanding the previous sentence, a Clearing Member and its Customer may agree in their clearing arrangements or otherwise to vary or override the terms of these Settlement and Notices Terms in respect of Customer-CM CDS Transactions, in each case through their clearing arrangements or otherwise.

These Settlement and Notices Terms are published by the Clearing House as an exhibit to the Rules but do not form part of the Clearing House's Rules (the "**Rules**"), Procedures or Standard Terms. They constitute a separate document that is incorporated by reference in the Standard Terms and forms part of the terms of CDS Contracts and Customer-CM CDS Transactions (or, in relation to FCM/BD CDS Clearing Members, clearing agreements between FCM/BD CDS Clearing Members and their Customers). These Settlement and Notices Terms shall be governed by and construed in accordance with the law governing the CDS Contract, Customer-CM CDS Transaction or clearing arrangement to which they relate in any instance and subject to such dispute resolution mechanisms and procedures and such courts or other forum for hearing disputes as are applicable in respect of the CDS Contract, Customer-CM CDS Transaction or clearing arrangement to which they relate. Each Clearing Member and Customer to which these Settlement and Notices Terms apply hereby waives any right to object to any such choice of law or proceedings on the basis of *forum non conveniens*, that the governing law or forum is not specified on the face of this document or otherwise.

These Settlement and Notices Terms are intended to apply in their present form pending broader industry discussion of other possible solutions, possibly in connection with technological progress and may be amended as any further technological or industry developments take place. Any amendments, modifications, restatements or supplements in respect of these Settlement and Notices Terms shall be effective if made by the Clearing House pursuant to the provisions of Rule 109 as if these Settlement and Notices Terms were Rules and as if Rule 109 applied to Customers of CDS Clearing Members in addition to, and in the same way as it applies to, Clearing Members. At the request of a CDS Clearing Member or the Clearing House, a Customer of that CDS Clearing Member will enter into a written confirmation of the terms of these Settlement and Notices Terms or any amendment, modification, supplement or restatement made to them.

(I) CLEARING PROCEDURES

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1. SYSTEMS

1.1 The Clearing House’s primary systems, to which Clearing Members require interfaces, consist of:

- (a) Post-trade administration/clearing and settlement processing: [ICE clearing systems including ECS, PTMS and ACT and, for LIFFE Contracts, Guardian and UCP](#) (“the ICE Post Trade and Clearing Systems” or “the ICE Systems”);
- (b) Risk management: the ICE Systems and SPAN®;
- (c) Banking: ECS;
- (d) Deliveries: ICE in-house system [and, for LIFFE Contracts, Guardian and UCP](#); and
- (e) Billing: ICE in-house system.

1.2 These Clearing Procedures deal primarily with matters relating to post-trade administration, clearing and settlement and risk management. Details relating to finance and deliveries are set out in the Finance Procedures and Delivery Procedures respectively.

1.3 Clearing Members should immediately inform the Clearing House of any event, system-related or otherwise, that would prevent them from operating timely and accurately on the Markets cleared by the Clearing House. Clearing Members must, at all times, ensure that they are able to continuously monitor communication facilities for receipt of communications from the Clearing House.

~~1.4 These Clearing Procedures apply only to Energy Contracts.~~

2. TRADE CLEARING AND POSITION MANAGEMENT

2.1 The Clearing Systems

- (a) The components of the ICE Systems are licensed to, and supplied and maintained for the benefit of, the Clearing House. The ICE Systems are integrated trade registration and clearing processing systems used for the clearing of the relevant Market.
- (b) The ICE Systems work together to process transactions from the time of trading and entry into the system, through the maintenance and settlement of Open Contract Positions, the calculation of Margin, and the delivery/expiry of Contracts.

2.2 Trade registration and clearing process

- (a) The instant a Contract is formed pursuant to Rule 401, the Clearing House becomes the Buyer to the Selling Clearing Member and the Seller to the Buying Clearing Member.
- (b) Data in relation to matched trades will automatically pass to the ICE Systems.
- (c) The ICE Systems receive details of trades in real-time from the relevant Market. It allows Clearing Members and their Representatives to perform the following functions, among others:
 - (i) assign trades to one of various accounts described below;
 - (ii) allocate trades to other Clearing Members (within one hour of trading) as allowed under Rule 408(a)(ii) and Market Rules or between position keeping accounts;

- (iii) accept trades allocated or split by other Clearing Members (within one hour of trading) as allowed under Rule 408(a)(ii) and Market Rules;
 - (iv) allocate or split trades between different position keeping accounts;
 - (v) enter position settlement instructions;
 - (vi) input consolidation crosses in order to consolidate trades at various prices into average prices; and,
 - (vii) view trading history and status of trades.
- (d) Clearing Members should refer to the ICE Systems user guides for more detailed information concerning the ICE Systems' functionality.
- (e) The ICE Systems will allow Clearing Members to perform the following functions, among others:
- (i) monitor Open Contract Positions;
 - (ii) close out open Contracts by netting off equal and opposite Contracts in its Customer Accounts;
 - (iii) process physical delivery of Commodities pursuant to Futures Contracts;
 - (iv) review Margin requirements; and,
 - (v) exercise or abandonment of Option Contracts.
- (f) Clearing Members should refer to the ICE Systems user guide for more detailed information concerning ICE Systems' functionality. A number of reports are available in the ICE Systems, the list and details of which are available in the ICE Systems user guide and ICE Clear Europe Systems user guide.
- (g) In the event of any system errors or other systemic issues connected with the ICE Systems, Clearing Members should contact the Clearing House's Operations department.
- (h) In the event of any processing errors or error in communications with the Clearing House, Clearing Members should contact the Clearing House's Operations department.

2.3 Position keeping

- (a) Position-keeping activities are governed by Market Rules. In the event of any conflict between these Procedures and Market Rules in relation to position-keeping, Market Rules shall prevail.
- (b) Open Contract Positions can be ~~kept~~maintained in ~~up to six~~several accounts within the ICE Systems, identified in the ICE Systems by one letter as follows:

Accounts linked to Proprietary Account for purposes of the Rules:

- (i) H – House;
- (ii) N - Non-Segregated Client;
- (iii) L - Individual Trader (not available for FCM Clearing Members);

- (iv) D - Default (trades not assigned to a specific account or sought to be allocated but left unclaimed by another Clearing Member will automatically clear in the default account);
- (v) G – Gas Associate (not available for FCM Clearing Members);
- (vi) U – Unallocated (for intra-day usage only);
- (vii) M –Market Maker (for LIFFE Contracts only); and
- (viii) such other accounts as are made available to Clearing Members for Proprietary Accounts by the Clearing House.

Accounts linked to a Customer Account:

- (ix) ~~(vii)~~ S (and C) - segregated client (the only available Customer Account for Clearing Members that are not FCM Clearing Members ~~but~~ maps to General Customer Account (either a CDS Customer Account or Non-CDS Customer Account, as applicable), also available for FCM Clearing Members; ~~maps to General Customer Account)~~;
 - ~~(viii) F maps to DCM for Non-DCM/Swap Customer Account (only available for FCM Clearing Members);~~
 - (x) ~~(ix)~~ W – maps to Swap DCM Customer Account (only available for FCM Clearing Members);
 - (xi) ~~(x)~~ Z – maps to Non-DCM/Swap Customer Account (only available for FCM Clearing Members);
- (c) Clearing Members may maintain separate position-keeping accounts for each Exchange member or OTC Participant for whom they provide clearing services.
 - (d) Where a Clearing Member holds accounts of Exchange members or OTC Participants who are not Clearing Members, the mapping of these accounts to the Customer Account or Proprietary Account will be determined by the Clearing Member in conjunction with the relevant Market. Segregated accounts will however always map to a Customer Account.

2.4 Open Contract Positions and Close-outs

- (a) The House (H), Individual Trader (L), Market Maker (M) and Gas Associate (G) accounts will only reflect net Open Contract Positions. Systematic netting will take place before any Option exercise or delivery allocation.
- (b) The Non-Segregated Client (N), Default (D) and various Customer Account related (S, ~~F~~, W, Z) accounts will hold gross Open Contract Positions, showing all sell and all buy positions that have not been netted or closed out as Open Contract Positions. The ICE Systems allow Clearing Members to close out Open Contract Positions that are held gross. In order to ensure a true representation of Open Contract Positions, Clearing Members are required to perform manual close-outs (netting) in the accounts where gross Open Contract Positions are maintained (N, D, S, ~~F~~, W and Z). Clearing Members are responsible for inputting any required manual netting or close-out instructions in relation to such accounts.
- (c) Any close-outs should be performed in a fashion and at a time in accordance with Exchange Rules and in any event before Options expire or delivery processes commence. Position transfers between accounts in the ICE Systems must be complete at or before 10:00 am in

order to be reflected in Open Contract Positions and Margin calls calculated at the end of that day.

2.5 Invoicing Back, Void Contracts, etc.

- (a) Any Contracts which are subject to Invoicing Back will be reflected by the entry into by the Clearing House through the ICE Systems of a new Contract of opposite effect to the original Contract (or pursuant to such other terms or prices as are determined by the Clearing House pursuant to the Rules). Clearing Members will be notified of Contracts subject to Invoicing Back or amendment by the Clearing House's Operations department. Each such event will be confirmed in writing.
- (b) Any Contracts which are void or voided will be deleted from the ICE Systems by the Clearing House. Clearing Members will be notified of Contracts which are void or voided by the Clearing House's Operations department. Each such event will be confirmed in writing.
- (c) The Clearing House may make other trade or Open Contract Position adjustments as directed by the relevant Market. In each such event, the Clearing House's Operations department will contact the Clearing Member and confirm such adjustment in writing.

3. FINANCIAL ACCOUNTS

3.1 Margining accounts

- (a) While Open Contract Positions are held in ~~up to six~~ several different accounts through the ICE Systems, the margining of Open Contract Positions will be consolidated through two accounts as follows:
 - (i) H, N, L, D, G, M and U will be margined together via the House (H) account (referred to as the "Proprietary Account" under the Rules); and
 - (ii) S and C will be margined ~~separately~~ together via the "General Customer Account" ~~under the Rules;~~
 - ~~(iii) F will be margined separately via the "DCM (either a CDS Customer Account or Non-CDS Customer Account, as applicable, for Non-FCM Clearing Members) or "Non-DCM/Swap Customer Account" under the Rules (for FCM Clearing Members) under the Rules (this may also be referred to as CSEG);~~
 - ~~(iii)~~ (iii) ~~(iv)~~ W will be margined separately via the "~~Swap~~ DCM Customer Account" under the Rules (this may also be referred to as CSEGW);
 - ~~(iv)~~ (iv) Z will be margined separately via the "~~Non-DCM~~/Swap Customer Account" under the Rules (this may also be referred to as CSEGZ).
- (b) Proprietary Account and each separate Customer Account will be subject to calculations and calls for Margin separately. Transfers or offsets between any two such accounts will not be possible. These accounts are also all treated separately following any Event of Default, under Part 9 of the Rules.
- (c) Records of all financial information including, but not limited to, Margin requirements, cash balances, Collateral, contingent Margin, Buyer's Security and Seller's Security will be held in ICE Clear Europe's Extensible Clearing System ("ECS") within the ICE Systems. The naming convention for the accounts in ECS will be the Clearing Member's three letter mnemonic followed by the account type (e.g. XXXH for a Proprietary Account).

- (d) Clearing Members can find more information about ECS functions and facilities in the ICE Systems user guide.

3.2 **Guaranty Fund account**

- (a) Each Clearing Member’s Guaranty Fund Contribution will be held in a separate account, recorded in ECS under the name XXXH-GUAR.

Table A: Summary of Account Codes

Position Account	ICE Systems Term	ECS Term	ECS Account name	Rulebook
N/A	N/A	Guaranty Fund Account	XXXH-GUAR	Guaranty Fund Contribution
H N L D G <u>M</u> U	House Non-Segregated Client Individual Trader Default Gas Associate <u>Market Maker</u> Unallocated	House Account (H)	XXXH (<u>may also be referred to as HOUSE segregation</u>)	Proprietary Account
<u>S</u> <u>C</u>	<u>Segregated Client</u> Segregated Client	General Client Account (C)	XXXC (<u>may also be referred to as CSEG segregation and, in respect of FCMs only, may be referred to as Secured or 30.7 segregation</u>)	General Customer Account (<u>either a CDS Customer Account or Non-CDS Customer Account, as applicable</u>) for <u>Non-FCM Clearing Members. Non-DCM/Swap Customer Account for FCM Clearing Members</u>
FW	DCM Client	DCM Client Account (FW)	XXXFW XXXW (<u>may also be referred to as CSEGW segregation, or Regulated or 4d(a) segregation</u>)	DCM Customer Account
WZ	Swap Client	Swap Client Account (WZ)	XXXW XXXZ (<u>may also be referred to as CSEGZ segregation, or Swaps or 4d(f) segregation</u>)	Swap Customer Account
Z	Non-DCM/Swap Client	Non-DCM/Swap Client Account (Z)	XXXZ	Non-DCM/Swap Customer Account

4. MARGIN PROCEDURES

4.1 General

The matters described in this section will be recorded through ECS and will form part of the Clearing House's daily Margin processes. Margin requirements will determine whether funds are needed to be paid to, or received from, the relevant Clearing Member. Any required payments will be effected through Approved Financial Institutions that participate in the Assured Payment System (APS), as described in the Finance Procedures.

4.2 Original Margin

- (a) Original Margin calculations are made separately in respect of a Clearing Member's Proprietary Account and each of its Customer Accounts. No Margin offset is possible between any of these accounts. Original Margin calculations for the Proprietary Account and for the Customer Accounts of Clearing Members that are not FCMs will be applied to net positions for each Contract Set rather than the sum of the gross positions for a Set.
- (b) Original Margin parameters are set by the Clearing House within the framework of the policy approved by the Risk Committee. Margin parameters applicable from time to time will be issued and amended by Clearing House Circular and published on the Clearing House's website.
- (c) The Clearing House will notify Clearing Members of any change to Original Margin parameters by Circular no later than the day before calls are made based on the new parameters. For routine changes, the Clearing House will provide five Business Days' advance notice of changes to Margin parameters, unless another period is specified in the relevant Circular.
- (d) Original Margin requirements will be calculated at close of business on a daily basis, for both Proprietary Accounts and Customer Accounts, using the SPAN®* algorithm.

4.3 Variation Margin

With the exception of Premium Up-Front Options (discussed in paragraph 4.4(c) below), all open Contracts are marked to market daily in accordance with the Contract Terms (which includes, for ICE Futures Europe Contracts, the contract terms set out in ICE Futures Europe Rules). Profits and losses are credited to or debited from the relevant Nominated Customer Account or Nominated Proprietary Account of each Clearing Member as set out in the Finance Procedures.

4.4 Options Premium

- (a) The Clearing House clears two types of Options with different margining methodology, "Premium Up-Front" and "Future-Style".
- (b) Future-Style Options (e.g. Brent) are marked to market and subject to Variation Margin calls daily in the same way as for Future Contracts.
- (c) Premium Up-Front Options (e.g. Emissions) are subject to a full premium charge or credit on the day on which the Option Contract first arises under the Rules (i.e. the day of trading) as part of the overnight margining process. After the premium has been paid, Margin is calculated on an ongoing basis with reference to the difference between the Strike Price and the relevant daily Settlement Price (net liquidating value).

* SPAN is a registered trademark of Chicago Mercantile Exchange Inc., used herein under license. Chicago Mercantile Exchange Inc. assumes no responsibility in connection with the use of SPAN by any person or entity. SPAN is a risk evaluation and margin framework algorithm.

- (d) ~~The table below~~ Clearing Members are referred to the applicable Contract Terms for details on the premium types for the Options currently cleared by the Clearing House as well as their exercise style (discussed further in paragraph 5 of this section).

Options Contract	Premium type	Exercise style
Gas Oil	Future Style	American
Brent	Future Style	American
WTI	Premium Up Front	American
Emissions (ECX and CER)	Premium Up Front	European
Henry Hub (PHE)	Premium Up Front	European
Henry Hub (PHH)	Future Style	European
Brent APO (I)	Premium Up Front	Asian
Gas Oil APO (GSP)	Premium Up Front	Asian
WTI APO (R)	Premium Up Front	Asian
Brent EU Style (BUL)	Premium Up Front	European
Gas Oil EU Style (GUL)	Premium Up Front	European
WTI EU Style (WUL)	Premium Up Front	European
PJM Mini (PMI)	Premium Up Front	American
SP 15 Mini (SPY)	Premium Up Front	American

4.5 Cash Settlement

- (a) When it reaches maturity, a Contract can give rise either to cash settlement (if determined by the Contract Terms or, where permitted by the Contract Terms, if the Clearing Member opts out of the delivery via EFP) or delivery obligations.
- (b) Cash settlement will be determined by the difference between the Market Delivery Settlement Price and the previous day's Settlement Price, as determined in accordance with Part 7 of the Rules.
- (c) Details relating to deliveries are set out in the Delivery Procedures.

4.6 Contingent Variation Margin

- (a) A contingent Variation Margin amount will be calculated and called daily for Gas Oil Futures Contracts under tender. This contingent Variation Margin will result from the difference between the Market Delivery Settlement Price for the Contract under tender and the Settlement Price for the next maturing Contract Set of otherwise equivalent specifications.
- (b) Clearing Members will not receive repayment in respect of any contingent Variation Margin in cash. However, they will be able to use any excess against Margin requirements on the Contracts in respect of which contingent Variation Margin is called and other Contracts. If contingent Variation Margin is a debit, it will be possible for Clearing Members to use assets, as permitted by these Procedures and updated by Circular, as Permitted Cover.
- (c) Contingent Variation Margin will be released:
- (i) for the Buyer, on payment of the Buyer's Security; and
 - (ii) for the Seller, once all relevant deliveries are completed,

as detailed in the Delivery Procedures.

4.7 **Contingent Credit**

When a Seller satisfies its daily delivery obligations under ~~ICE Futures Europe~~Market Rules for Natural Gas Futures and Electricity Futures Contracts, the Clearing House will take into account a “Contingent Credit” equivalent to the amount or number of underlying Commodities already delivered in respect of which payment has not been made to the Seller. This credit will not be made available to the Seller in cash but may be used to cover Original Margin requirements on the Contracts in respect of which the contingent credit is applicable and other Contracts.

4.8 **Buyer’s Security and Seller’s Security**

In accordance with ~~ICE Futures Europe~~Market Rules and the Delivery Procedures, Clearing Members will be liable for Buyer’s Security and Seller’s Security in respect of Contracts undergoing deliveries. Such amounts will be included in the Margin call process.

4.9 **Intra-day or *ad hoc* margin calls**

If market conditions dictate, the Clearing House may decide to proceed to an intra-day or *ad hoc* Margin call for certain, or all, Contract Sets or for all or particular Clearing Members. In the event of an intra-day or *ad hoc* call applying, any increased Margin requirements will be reflected in ECS. If there is a shortfall, ECS will generate a call which must be met in accordance with the Finance Procedures. Affected Clearing Members will be informed of the call by the Clearing House and such call will be confirmed by e-mail to a designated mail account of each affected Clearing Member.

4.10 **Contingency Holidays**

If there is a bank holiday in the country of a particular currency, the Clearing House will call cash in another currency, as described in the Finance Procedures.

5. **OPTIONS EXERCISE AND EXPIRY**

5.1 **Definitions**

In these Procedures:

- (a) The term “**American-Style Option**” means an Option that can be exercised at any time between the purchase date and the expiration date under its Contract Terms.
- (b) The term “**European-Style Option**” means an Option that can only be exercised on the expiry date under its Contract Terms.
- (c) The term “**At The Money**”, in respect of an Option Contract or Set of Option Contracts, means where the Strike Price equals the Reference Price.
- (d) The term “**In The Money**”, in respect of an Option Contract or Set of Option Contracts for a Person with a Long Position: for a Put Option, means where the Strike Price is greater than the Reference Price; and, for a Call Option, means where the Strike Price is less than the Reference Price.
- (e) The term “**Out Of The Money**”, in respect of an Option Contract or Set of Option Contracts for a Person with a Long Position: for a Put Option means, where the Strike Price is less than the Reference Price; and, for a Call Option, means where the Strike Price is greater than the Reference Price.

5.2 **General**

- (a) Options may only be exercised by Clearing Members in accordance with the Rules, the applicable Contract Terms and these Procedures.
- (b) Options may be exercised either:
 - (i) by an exercise notification entered manually to the ICE Systems (as described in the ICE Systems user guide);
 - (ii) automatically through the ICE Systems (as described in the ICE Systems user guide); or
 - (iii) automatically in accordance with the Contract Terms.

Those Options which are not so exercised by the time of expiry will expire (be abandoned) and will terminate.

- (c) The Contract Terms determine the days on which, and the times by which, notification of exercise of an Option may, or must, be made.
- (d) When an Option is exercised, a Future Contract at the Strike Price of the Option will arise in accordance with Rule 401.

5.3 Early Exercise

- (a) It is possible for Clearing Members to exercise Long American-Style Options at any time when the ICE Systems are open via the ICE Systems exercise notification screen. Such exercises must be input by Clearing Members before the daily exercise cut-off time specified in the Contract Terms, which is currently set at 17:00 hours.
- (b) Clearing Members may not manually enter an exercise notification on to the ICE Systems for Options other than American-Style Options.

5.4 Manual Exercise

- (a) Clearing Members are permitted manually to input exercise notifications on to the ICE Systems exercise notification screen in the manner set out in the ICE Systems user guide at any time within the deadlines specified in the Contract Terms.
- (b) Where permitted by the Contract Terms, Clearing Members wishing to exercise an Option which is Out Of The Money, or an Option that will not automatically exercise, must input a manual Option exercise notification in accordance with the ICE Systems user guide.

5.5 Automatic exercise

- (a) On the relevant expiry day, once the exercise deadline has passed for an Option Set, the Clearing House will input into the ICE Systems the Reference Price communicated by the relevant Market and will instruct the ICE Systems to process an Option Set expiry. The ICE Systems will effect the automatic exercise of all Options in the relevant Set meeting the criteria in the Automatic Exercise Instruction facility and the relevant Contract Terms.
- (b) The default setting of the Automatic Exercise Instruction facility is that all Options that are one or more minimum price variation or greater In The Money will be subject to automatic exercise (e.g. in the case of ICE Brent Options, one 'tick' In The Money).
- (c) For European-Style Options, it is not possible to modify the parameters of the Automatic Exercise Instruction Facility. As a result, all European-Style Options will be exercised in line with the default value.

- (d) For American-Style Options, Clearing Members can, on the day of the expiry and up to the instant the ICE Systems deadline is applied, modify the automatic exercise settings through the ICE Systems in accordance with the ICE Systems user guide. If exercise settings are modified, they will revert to default settings after the expiry is complete for any subsequent Option Set expiry. Clearing Members are advised to make any changes to Option exercise settings well in advance of any deadline.
- (e) **Clearing Members must check their automatic exercise settings before each expiry of an Option Set.**
- (f) Where permitted by the Contract Terms, Clearing Members wishing to exercise an Option that will not be automatically exercised must do so by inputting, before the deadline is applied, an instruction as described above for manual exercises. This is however only possible for American-Style Options. As detailed above, European-Style Options cannot be manually exercised.
- (g) Members experiencing difficulties with any aspect of an Option exercise or who have any doubt about how to carry specific exercise or abandonment instructions must contact the Clearing House's Operations department in advance of the expiry deadline. Failure to do so may result in the abandonment of In The Money Options.

5.6 **Reference Price**

- (a) The Reference Price used by the ICE Systems automatic Option exercise facility to determine whether an Option is In The Money is the Settlement Price of the relevant Futures Contract on the day of the expiry of the Option.
- (b) For example:
 - (i) for all ICE Futures Europe Options, the Reference Price will be (except in unusual circumstances) the Settlement Price of the underlying Future on the expiry day; and
 - (ii) for the ICE OTC Natural Gas Swap, the Reference Price will be (except in unusual circumstances) the published monthly penultimate Settlement Price for the Henry Hub Natural Gas Contract.

5.7 **Exercise Deadlines on Expiry Day**

- (a) Pursuant to Market Rules and the Contract Terms, Clearing Members have a limited period after the time when trading in an Option Set ceases to enter exercise notifications and/or amend automatic exercise settings in the ICE Systems for American-Style Options. Once the ICE Systems deadline has passed for the exercise of an Option Set, it will not be possible to input any exercise instructions or alter the automatic exercise settings. Options which have not been exercised in accordance with these Procedures at that time will be abandoned.
- (b) Clearing Members are advised via the ICE Systems messages of the time by which all position maintenance instructions for expiring Options must be inputted and when the ICE Systems Delivery/Exercise HIT report is available by selecting the relevant menu item in the ICE Systems.
- (c) **Table B** [Clearing Members are referred to the applicable Contract Terms for details on the deadlines for exercise of the American-Style Options currently supported by the Clearing House:](#)

Table B: Exercise Deadlines on Expiry Day

Contract	Time Option ceases trading	Time before which Option may be manually exercised
ICE Brent Options	19:30	20:30
ICE Gasoil Options	16:30	17:30
ICE ECX CFI EUA and CER Options	16:15	N/A
ICE WTI Options	19:30	22:30
Natural Gas Swap Fixed Price for NYMEX Penultimate Options	21:30	N/A
Brent APO (I)	19:30	N/A
Gas Oil APO (GSP)	16:30	N/A
WTI APO (R)	19:30	N/A
Brent EU Style (BUL)	19:30	N/A
Gas Oil EU Style (GUL)	16:30	N/A
WTI EU Style (WUL)	19:30	N/A
PJM Mini (PMI)	20:30	21:30
SP-15 Mini (SPY)	20:30	21:30

~~(d)~~ All specified times in Table B are UK times. Time differences with other locations will vary as a result of British summer time and US daylight saving time.

~~(d)~~ **(e)** In the event that a Clearing Member's ICE Systems Options Exercise facilities are unavailable, it is essential that the Clearing House's Operations department and the relevant Market's compliance department are informed. In such circumstances the Clearing House will determine appropriate steps to be taken in order to ensure exercise instructions can be processed, as appropriate.

~~(e)~~ **(f)** The Clearing House can modify any exercise deadline at its discretion in accordance with the Rules. Any such modification shall take effect as an amendment to Contract Terms pursuant to Rule 104. Amendments to deadlines may occur following a Force Majeure Event and otherwise at the Clearing House's discretion.

5.8 Assignments Allocation

(a) If, in relation to exercise of a particular Option Set, there are more open Short Options than are exercised by the holders of Long Options, the Clearing House will select Clearing Members with Short Open Contract Positions in the same Option Set against which to exercise a corresponding Option or Options and subsequently become party to a Future Contract or Contracts.

(b) Option assignment is performed by reference to each Clearing Member's ICE Systems position-keeping accounts i.e. assignments are made separately for the Proprietary Account and each Customer Account of a Clearing Member, as follows:

(i) Clearing Members holding Short Open Contract Positions in the same Option Set will first be assigned with the following number of exercised Short Options (and hence, Future Contracts):

$$\text{SOCP(CM)} \times \text{LOCP(all)} / \text{SOCP(all)}$$

where:

SOCP(CM) = the Short Open Contract Position for the relevant position-keeping account of the relevant Clearing Member;

LOCP (all) = the total number of Long Options of the relevant Option Set being exercised from all relevant position-keeping accounts by all Clearing Members; and

SOCP (all) = the total number of Short Open Contract Positions in the relevant Option Set in all relevant position-keeping accounts of all Clearing Members,

- (ii) any fractions produced by the calculation in paragraph (i) shall be rounded down and Clearing Members shall not be assigned fractions of a Future Contract; and
- (iii) remaining unassigned Future Contracts following completion of the processes described in paragraphs (i) and (ii) shall be distributed among position-keeping accounts of Clearing Members with unassigned Short Aggregated Contract Positions, one lot at a time, to the largest remaining fractional quantities until the whole quantity is distributed.

(c) Below is an example of this allocation method, where 71 of 111 Contracts are exercised:

Clearing Member	Short Open Contract Position	Calculated allocation	Rounded allocation	Residual	Fraction remaining	Residual allocation	Total allocated
AAA-H	13	8.8153	8		0.8153	1	9
AAA-S	13	8.8153	8		0.8153	1	9
BBB-H	18	11.5135	11		0.5135		11
CCC-H	45	28.7838	28		0.7838		28
DDD-H	22	14.0721	14		0.0721		14
Totals	111	71	69	2	2.00	2	71

6. CLEARING PROCEDURES APPLICABLE TO ICE OTC TRANSACTIONS

6.1 Introduction

- (a) Pursuant to Annex K of the ICE OTC Participant Agreements, all of the rights, duties and obligations of ICE OTC Participants with respect to the formation of cleared contracts and the clearing process for cleared products based on ICE OTC Transactions are those set forth in the Rules and Procedures. All ICE OTC Participants have therefore agreed to the application of the provisions in this section 6, regardless of whether or not they are a Clearing Member.
- (b) Where an ICE OTC Participant is authorised to have its Eligible Transactions submitted for clearing, the provisions of this section 6 shall be incorporated into and form part of: (i) the Contract Terms of the Contract between the Clearing Member and the Clearing House; and (ii) the terms and conditions of any Corresponding Contract between an ICE OTC Participant which is not a Clearing Member and its Clearing Member (if applicable). In the event of a conflict between any provision of any such agreement and any provision of this section 6, the provision of this section 6 shall prevail.

- (c) In this section, the terms “**Broker**”, “**Exchange**”, “**FCM**”, “**System**” and “**Trade Give-Up**” have the same meaning as that given to such term in the standard form of ICE OTC Participant Agreement published by the ICE OTC Operator from time to time.
- (d) For the avoidance of doubt, this section 6 creates Bilateral Obligations for purposes of Rule 102(n).

6.2 Pre-requisites to clearing of ICE OTC Transactions

Rule 401(a)(ii) and 401(a)(iv) provide for Contracts to arise pursuant to ICE OTC Transactions in any instance in which, in accordance with relevant ICE OTC Participant Agreements and the Procedures, the Transaction is to proceed to clearing. This section 6.2 sets out the instances in which such a transaction is to proceed to clearing. For transactions not submitted through Brokers, in order for an ICE OTC Transaction to proceed to clearing, both ICE OTC Participants must be Eligible Participants and the transaction must be in an Eligible Transaction, in each case as defined below. For transactions submitted through Brokers, in order for an ICE OTC Transaction to proceed to clearing, the Broker submitting the ICE OTC Transaction must be an “Eligible Broker” (as defined below) and the ICE OTC Transaction must be submitted in accordance with the applicable ICE OTC Participant Agreement and ICE OTC Broker Agreement.

(a) “Eligible Participant”

In order to be an Eligible Participant (i.e. able to submit Eligible Transactions (as defined below) for clearing):

- (i) An ICE OTC Participant must either (A) have duly designated a Clearing Member to clear Eligible Transactions on its behalf (either directly or through a duly registered broker that clears its customers’ trades through the Clearing Member (e.g., an Affiliate of the Clearing Member that is a U.S. futures commission merchant (“**FCM**”)) in the System; *or* (B) be itself a Clearing Member that is authorised by ICE Clear Europe to clear ICE OTC Transactions (and therefore “self-clear”); and
- (ii) the Clearing Member in question must be authorised by the Clearing House and the ICE OTC Operator for clearing Eligible Transactions through the Clearing House and be set up on the System to do so.

(b) “Eligible Transactions”

To be an Eligible Transaction (i.e. an ICE OTC Transaction that is eligible for clearing):

- (i) the ICE OTC Transaction must relate to a contract of a kind specified in the Contract Terms Procedures;
- (ii) each party to the relevant ICE OTC Transaction must satisfy the Eligible Participant requirements specified above; and
- (iii) the Clearing Member’s credit filter and risk controls in the System must allow the relevant ICE OTC Transaction to be processed. Credit filter approval for option orders is limited to a maximum volume check on each order.

(c) “Eligible Broker”

To be an Eligible Broker (i.e. eligible to submit an Eligible Transaction for clearing on behalf of an ICE OTC Participant using the Trade Give-Up service), a Broker must:

- (i) be party to an ICE OTC Broker Agreement with the ICE OTC Operator;

- (ii) be authorised by the ICE OTC Operator for the Trade Give-Up service and be set up on the System to do so; and
- (iii) have all necessary permissions from that ICE OTC Participant within the System to do so.

6.3 Order Entry and Routing

Rule 401(a)(ii) and 401(a)(iv) provide for Contracts to arise pursuant to ICE OTC Transactions in any instance in which, in accordance with relevant ICE OTC Participant Agreements and the Procedures, the Transaction is to proceed to clearing. The applicable processes for order entry and routing are set out in this section 6.3.

(a) ICE OTC Matched Transactions

When an ICE OTC Participant who has designated a Clearing Member or who itself is a Clearing Member enters an order on the Exchange for an Eligible Transaction, the order is routed to the Clearing Member's credit filter and risk controls in the System. If the order passes both relevant Clearing Members' credit filter and risk controls (as described in paragraph 6.2(b)(iii)), the order may be transmitted to the Exchange and made available for execution. ICE OTC Matched Transactions are only subject to clearing by the Clearing House if both the ICE OTC Participant acting as buyer and the ICE OTC Participant acting as seller choose for the ICE OTC Matched Transaction to be subject to clearing within the System.

(b) ICE OTC Block Transactions

When an ICE OTC Block Transaction is submitted for clearing, the ICE OTC Block Transaction is routed to the credit filter and risk controls of each relevant ICE OTC Participant's Clearing Member in the System. If the ICE OTC Block Transaction passes the Clearing Members' credit filter and risk controls (as described in paragraph 6.2(b)(iii)), it will be automatically submitted for clearing.

6.4 Corresponding Contracts and Agency Relationships (inapplicable to an ICE OTC Participant which is itself the Clearing Member in relation to an ICE OTC Transaction)

- (a) Pursuant to Rule 401(l), for Clearing Members that are not FCM Clearing Members, where an Energy Contract arises as a result of ICE OTC Transaction as a result of trading, submission of trade data or other action by a Customer of a Clearing Member, a corresponding contract shall arise between the Customer and that Clearing Member (and may be void or voided) in the manner specified by and in accordance with the Procedures. This section 6.4 sets out certain terms, conditions and other details of such corresponding contracts (each, a "**Corresponding Contract**") and how they arise and are void or voided. For FCM Clearing Members, there may be an agency relationship between the FCM Clearing Member and its customer, pursuant to the terms of the agreement between them (such relationship, an "**Agency Relationship**"). No Corresponding Contract shall arise where the Clearing Member is an FCM Clearing Member acting for a Customer where the FCM Clearing Member and Customer in question have an Agency Relationship. Accordingly, Rule 401(l) does not apply to FCM Clearing Members or their Customers (when acting in such a capacity).
- (b) Simultaneously with the establishment of any Contract in the name of a Clearing Member (that is not an FCM Clearing Member) selected by an ICE OTC Participant, an opposite Corresponding Contract shall arise between the Clearing Member and its Customer, with the Selling Clearing Member as buyer or the Buying Clearing Member as seller, as applicable. The Corresponding Contract shall be on the same terms as the Contract except that it is not a cleared Contract (with the result that certain terms applicable only to cleared Contracts will

not apply) and that it shall be subject to such amended or different terms and conditions as are or have been agreed between the ICE OTC Participant and such Clearing Member.

- (c) A Corresponding Contract will automatically terminate without any obligation or liability of any party to such Corresponding Contract in the event that the Contract is void or voided pursuant to the Rules, at the same time as the Contract terminates and without need for any further action on the part of any person.
- (d) The Clearing Member selected by an ICE OTC Participant which is its Customer may be suspended, have its membership terminated or be subject to default proceedings by the Clearing House. ICE OTC Participants that are not Clearing Members should be aware that such events may have effects upon Corresponding Contracts or a Customer's ability to enforce their rights under Corresponding Contracts or more generally. ICE OTC Participants should refer to Parts 2, 9 and 10 of the Rules in particular for further details and to other references to Customers in the Rules and Procedures.
- (e) If the Clearing House takes any action in relation to a Contract, without limitation including pursuant to Rule 103 (Delay in performance by the Clearing House), 104 (Invoicing back and specification of terms), 107 (Conversion to other Eligible Currency), 109 (Alteration of Rules, Procedures, Guidance and Circulars), 110 (Extension or Waiver of Rules) or 112 (Force majeure and similar events), each affected Clearing Member may take equivalent action as against the Customer under the Corresponding Contract or Agency Relationship.
- (f) Each Customer agrees and acknowledges that Clearing Member does not guarantee the Clearing House's performance of any of the Clearing House's obligations under the Rules or any Contract. In the event that the Clearing House fails to make any payment or performance of any obligation owed by it in respect of a Customer Account position corresponding to a Corresponding Contract, the Clearing Member will be entitled to make a corresponding deduction from any payment or forbear any performance otherwise owed by it under a Corresponding Contract (or to the Customer under its Agency Relationship, as applicable). Where any such deduction or forbearance may be attributable to Corresponding Contracts or Agency Relationships with more than one Customer, the Clearing Member shall allocate such deduction or forbearance among such Customers on a *pro rata* basis. If such payment or performance is subsequently obtained by the Clearing Member from the Clearing House (in whole or in part), the Clearing Member shall thereupon make the corresponding payment or performance (or portion thereof) to the Customer or *pro rata* to the relevant Customers.
- (g) Where an ICE OTC Transaction is submitted by a Clearing Member that is an Affiliate of an FCM in accordance with section 6(h) of an ICE OTC Participant Agreement and any applicable ICE OTC Broker Agreement and the FCM is in turn acting for one of its customers, the FCM shall be treated as the Customer of the Clearing Member for purposes of this section 6.4 and shall enter into a Corresponding Contract or Agency Relationship with the Clearing Member in question. In such circumstances, an agency relationship shall arise between the FCM and its customer on equivalent terms to the Corresponding Contract or Agency Relationship between the Clearing Member and the FCM, subject to such amended or different terms and conditions as are or have been agreed between the FCM and its customer.

6.5 ICE OTC Participant representations

Each ICE OTC Participant is hereby deemed to acknowledge, represent and agree that:

- (a) as further detailed in Rule 111, the Clearing House has no obligation or liability to an ICE OTC Participant that is not a Clearing Member (except any liability for fraud, death or personal injury or any other liability which under Applicable Laws may not be excluded);

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- (b) in accordance with the Rules, the Clearing House has the right to suspend or terminate the clearing of Eligible Transactions, either generally or in relation to a particular Clearing Member, without notice; and
- (c) the ICE OTC Participant has read and understood this section 6 of the Clearing Procedures, the Rules, the rest of the Procedures and the ICE OTC Participant Agreement and agrees to comply with all such provisions in relation to Corresponding Contracts and Eligible Transactions that are submitted for clearing.

(II) FINANCE PROCEDURES

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GENERAL

- 1.1 **These Finance Procedures set out details on how Clearing Members' financial obligations are met, including the provision of cash and securities to the Clearing House.**
- 1.2 The Clearing House will execute and initiate a range of financial transactions on a daily basis to manage Clearing Members' requests, rights, liabilities and obligations. Such transactions will result in payments being made to cover Margin obligations and to pay fees, among others. ICE Clear Europe has established a network of Approved Financial Institutions for this purpose. This is also known as the "Assured Payment System" or "APS".
- 1.3 These Finance Procedures apply in relation to both [Energy F&O](#) Contracts and CDS Contracts.

2. CASH COLLATERAL

- 2.1 The Clearing House will support transactions and account holdings in six currencies: USD, GBP, EUR, CAD, CHF and SEK. Initial and Original Margin obligations may be met only in USD, GBP and EUR. CAD, CHF and SEK may be used by Clearing Members only for the receipt of income on non-cash Permitted Cover with coupons payable in those currencies. CAD may also be used for Variation Margin and settlement payments only for Energy Contracts which settle in CAD. CHF, CZK, DKK, HUF, JPY, NOK, PLN, SEK and TRY may also be used for Variation Margin and settlement payments only for LIFFE Contracts which settle in such currencies.
- 2.2 The Clearing House supports cross currency collateral, which means that it is not necessary to cover Margin requirements in the same currency as the underlying Contract. The relevant exchange rate applied is the rate determined by the daily concertation procedure between central banks within and outside the European System of Central Banks (currently published by the European Central Bank at <http://www.ecb.int/stats/exchange/eurofxref/html/index.en.html#latest>) on the day or business day prior to the date on which the exchange rate is calculated by the Clearing House or, in the event that such rate is not available, a reasonable exchange rate determined by the Clearing House at its discretion. Cross currency coverage will result in the application of a "haircut" to cover fluctuations in exchange rates. Applicable exchange rate haircuts will be published from time to time by Circular. Haircuts will be determined and published as set out in section 10 of these Finance Procedures.

3. TRIPARTY COLLATERAL

General

- 3.1 Clearing Members may use Triparty Collateral to cover Original Margin requirements for certain accounts, as specified in Circulars concerning the use of Permitted Cover. This facility is available to Clearing Members at the discretion of the Clearing House. The Clearing House reserves the right to terminate this arrangement at any time. The service is provided in cooperation with Triparty Collateral Service provider:
- Euroclear Bank, 1 Boulevard du Roi Albert II, 1210 Brussels, Belgium.
- 3.2 This Clearing House procedure should be read in conjunction with the Terms and Conditions and the Operational Procedures of the Triparty Collateral Service provider. The legal basis underpinning the collateral consists of the Collateral Service Agreement (CSA) of the Triparty Collateral Service provider and the Clearing Member Agreement (CMA) of the Clearing House. The Collateral Giver (CSA) must be the same legal entity as the Clearing Member (CMA).
- 3.3 The following definitions apply to these Triparty Collateral Procedures:
- (a) The term "Triparty Collateral Service provider" or "Provider" means the institution offering the Triparty Collateral Service.

- (b) The term "Triparty Collateral instruction" or "Instruction" means the instruction to deposit or withdraw sent to the Clearing House by the Clearing Member or the initiation, amendment or closure instructions sent by the Clearing House or the Clearing Member to the Triparty Collateral Service provider.
- (c) The term "Triparty Collateral transaction" or "Transaction" means the transaction which is created after matching and settlement of the instructions from both the Clearing house and the Clearing Member at the Triparty Collateral Service provider.
- (d) The term "Fill" or "Filling" means the transfer of eligible securities and cash from the Clearing Member to the Clearing House in accordance with the Triparty Collateral transaction.

Collateral Service Agreement

- 3.4 In order to use Triparty Collateral a CSA has to be signed between the Clearing Member, the Clearing House and the Provider. This CSA contains terms and conditions, eligible securities and cash (Annex I), Eligibility Set profiles (Annex II) and Fee specifications (Annex III).
- 3.5 The Clearing House retains the right to add, adjust or remove any currency or any collateral type from the relevant list of eligible securities or change other components in the Eligibility Set profile at any time. The Clearing House will inform the Clearing Member and provide him with revised documentation as appropriate. The Clearing Member will be deemed to accept the revision proposed by the Clearing House and must inform the Provider of its acceptance within five business days. Rejection or delay in informing the Provider may result in a reduction in collateral value of the Triparty Collateral.
- 3.6 The Clearing Member may request an exclusion of asset types from the list of eligible securities and cash. Adjustments to other parts of the CSA will not be accepted by the Clearing House.

Triparty Collateral Service

- 3.7 The Clearing Member is allowed to deposit Triparty Collateral in the ~~six~~three currencies currently supported by the Clearing House [for Original or Initial Margin](#) (USD, GBP, ~~EUR, CAD, CHF~~ and ~~SEK~~[EUR](#)).
- 3.8 Instructions can be given for same day or for next business day settlement. Same day instructions will adjust the relevant collateral value when the Instructions are matched and settled and the Transaction is filled. Deposits for next day settlement will receive collateral value in the next overnight clearing process of the Clearing House. Withdrawals for next day settlement will have an immediate effect on the value of the Clearing Member's collateral but will actually settle in the market in the next overnight settlement process of the Provider.
- 3.9 ICE Clear Europe has opened an account at Euroclear bank for the sole purpose of Triparty Collateral:
EUROCLEAR account number 16900.

Instruction

- 3.10 **In order to initiate, amend or close a Transaction the member must instruct the Clearing House using the ECS system. The mandatory fields to be completed are:**
 - (a) Asset type
 - (b) Service provider
 - (c) Risk profile

- 3.21 Any instruction after this time will not be accepted by the ECS system. Instruction prior to the deadline will be released to the Provider and have the possibility to match and settle until the end of the Provider's business day.

Holidays affecting settlement systems

- 3.22 On bank holidays ~~it will~~ and other days on which payments are required to be made in another currency pursuant to paragraph 6.1(h)(viii), it will or may not be possible to create Instructions. These dates will be advised ~~in advance~~ by Circular from the Clearing House. ~~During~~ On these ~~holidays~~ days, Clearing Members will need to use alternative settlement systems and/or types of collateral to cover relevant ~~margin~~ Margin requirements.

Collateral transfers (transaction filling)

- 3.23 It is the Clearing Member's responsibility to make sufficient cash or securities available to transfer to the account of the Clearing House up to the value of the Transaction. The Clearing House will have the right to raise an additional margin requirement when insufficient cash or securities are transferred to the Clearing House to Fill in accordance with the Transaction.
- 3.24 An intraday requirement will be raised for the value of the uncovered part of the Transaction. After the deadline has passed the Clearing House will calculate and raise the intraday requirement using the information provided by the Triparty Collateral Service provider.

Deadline Triparty Collateral 9.00 am (UK TIME).

- 3.25 The additional requirement will not be released before the next end-of-day clearing process.
- 3.26 Cash might be used as collateral for the Triparty Collateral during the day. Cash remaining in a Transaction overnight on the account of the Clearing House will not be treated as cash collateral on deposit and no interest return will be paid.

Collateral value of Triparty Collateral

- 3.27 The Clearing House is allowed to adjust the collateral value of the Triparty Collateral Transaction by applying a haircut to the Triparty Collateral. Notification in advance by the Clearing House will not be provided.

Termination of the Collateral Service Agreement

- 3.28 The Clearing House reserves the right to terminate a Collateral Service Agreement at any time at its own discretion. Pending Triparty Collateral Transactions must be replaced by alternative permitted cover before the Transactions are closed.

Corporate actions

- 3.29 Transfer of cash and securities into the Clearing House accounts will be executed with a transfer of title. The Clearing House will become beneficial owner of all proceeds resulting from the holdings and will receive the funds into the Clearing House's account. All proceeds from Triparty Collateral will be passed on to the member by the Triparty Collateral Service Provider. The Clearing House, as collateral taker, provides access to information on income payments, redemptions or corporate events in relation to collateral securities provided to the collateral taker.
- 3.30 The Clearing House is the beneficial owner and the withholding of tax is based on the tax status of the Clearing House. We strongly recommend that the Clearing Member should withdraw or exclude the collateral which is subject to the corporate action as the Clearing House is not liable for any deviations in taxation and does not assist in the reclaiming of tax.

Default

- 3.31 The Clearing House will inform the Triparty Collateral Service provider of an event of default of the Clearing Member according to the terms and regulations of the CSA. The Clearing House Rules regarding the liquidation of the collateral can be found in the Clearing Member Agreement.

4. ASSURED PAYMENT SYSTEM: ACCOUNTS

- 4.1 Each Clearing Member must as a minimum maintain the following accounts at one or more Approved Financial Institutions:
- (a) up to six Nominated Proprietary Accounts (also known as 'house' accounts) linked to its Proprietary Account, denominated in up to one each of USD, GBP, EUR, CAD, CHF and SEK, ~~with a minimum of two such accounts, denominated in USD and one of GBP or EUR as follows~~, subject to paragraph 4.2;
 - (i) all F&O Clearing Members must have an account, denominated in USD;
 - (ii) all CDS Clearing Members must have an account denominated in EUR;
 - (iii) all F&O Clearing Members must additionally have at least one further account denominated in either GBP or EUR;
 - (iv) all CDS Clearing Members must additionally have at least one further account denominated in either GBP or USD;
 - (v) a Clearing Member which has an Open Contract Position in a contract for which EUR, GBP, USD or CAD is the settlement currency must have an account denominated in such currency;
 - (vi) a Clearing Member which transfers non-cash Permitted Cover to the Clearing House which pays a coupon, interest or redemptions in USD, EUR, GBP, CAD, CHF or SEK must have an account in that currency; and,
 - (vii) An F&O Clearing Member that is a LIFFE Clearing Member and is party to LIFFE Contracts which settle in CAD, CHF, CZK, DKK, HUF, JPY, NOK, PLN, SEK or TRY must have an account in each such currency.
 - (b) for an ~~Energy~~F&O Clearing Member that is not an FCM Clearing Member, ~~up to six additional~~ Nominated Customer Accounts (also known as 'client' accounts) linked to its Customer Account, denominated in USD, GBP, EUR, CAD, CHF ~~and SEK, with a minimum of two such accounts, denominated in USD and one of GBP or EUR, SEK, CZK, DKK, HUF, JPY, NOK, PLN, SEK and TRY based on the same principles as set out in 4.1(a)(i) to (vii);~~
 - (c) for an ~~Energy~~F&O Clearing Member that is an FCM Clearing Member and which has one or more Customer Accounts, ~~up to thirty additional~~ Nominated Customer Accounts (also known as 'client' accounts), one for each currency for each of its Non-DCM/Swap Customer Account, Swap Customer Account, DCM Customer Account and General Customer Account, the relevant currencies being USD, GBP, EUR, CAD, CHF, SEK, CZK, DKK, HUF, JPY, NOK, PLN, SEK and ~~SEK, with a minimum of two different currency accounts per Customer Account, those being accounts denominated in USD and one of GBP or EUR~~TRY, based on the same principles as set out in 4.1(a)(i) to (vii) for each such Customer Account;
 - (d) for ~~Energy~~F&O Clearing Members, a Guaranty Fund account denominated in USD (which may be the same account as a USD Nominated Proprietary Account or a USD guaranty fund account for CDS);

- (e) for CDS Clearing Members, Guaranty Fund account, denominated in EUR for CDS (which may be the same account as a EUR Nominated Proprietary Account); and
- (f) if a CDS Clearing Member is approved to become party to Sovereign Contracts, an additional Guaranty Fund account denominated in USD (which may be the same account as a USD Nominated Proprietary Account or the USD Guaranty Fund account for [EnergyF&O Guaranty Fund Contributions](#)).

4.2 If a Clearing Member is both an [EnergyF&O](#) Clearing Member and a CDS Clearing Member, that Clearing Member is treated for the purposes of the Clearing House's banking systems as if it were two Clearing Members. Such a Clearing Member may specify the same accounts for a particular account for both CDS and [EnergyF&O](#) or may use different accounts for the different product classes. Accordingly, it may have up to twelve Nominated Proprietary Accounts, one for each currency for each of CDS and [EnergyF&O](#).

Nominated Proprietary Accounts, Nominated Customer Accounts and Guaranty Fund accounts must be accounts at Approved Financial Institutions but need not all be at the same Approved Financial Institution.

4.3 The Clearing House's Extensible Clearing System ("ECS") will be used for payments. Successful applicants for membership will be issued with log-ins and given training in the use of ECS. ECS will be used by Clearing Members to give instructions in respect of certain transactions relating to the transfer of cash and securities to the Clearing House and when there is excess Permitted Cover in place that the Clearing Member requests be returned. The accounts described in section 3.1 are the only accounts that may be used for day-to-day transfers to and from the Clearing House through ECS.

4.4 The Clearing House operates Clearing House Accounts in each of the currencies at each Approved Financial Institution and separately for each different Customer Account and Proprietary Account business of Clearing Members and separately for [EnergyF&O](#) and CDS, as mentioned in paragraph 3.2. Such separation by the Clearing House is undertaken to comply with Applicable Laws and provide administrative benefits to Clearing Members. Upon an Event of Default being declared, amounts in all Proprietary Accounts may be combined and set off, and amounts relevant to a single separate Customer Account may be combined and set off, in each case only to the extent expressly permitted pursuant to the Rules.

4.5 Additionally, the Clearing House will hold Clearing House Accounts at a Concentration Bank in order to facilitate transfers between accounts at Approved Financial Institutions.

5. ASSURED PAYMENT SYSTEM: PROCEDURES

5.1 Clearing Members will be required to have in place at all times a standard debit mandate, allowing the Clearing House to call funds from its Nominated Accounts, established in the relevant Approved Financial Institution's standard form ("Third Party Authority Form"). Pursuant to the Clearing Membership Agreement, each Clearing Member must at all times have in place a duly executed Third Party Authority Form in favour of each Approved Financial Institution used by it and in respect of each of its Nominated Accounts. Pursuant to Clearing Membership Agreements and arrangements between the Clearing House and Approved Financial Institutions, the Clearing House is given various powers, including to take any action as it in its discretion determines in the Clearing Member's or the Clearing House's name in connection with a Clearing Member's Nominated Accounts. Approved Financial Institutions will act upon any instructions received from the Clearing House in relation to the Nominated Accounts without any further reference to, or authority from, a Clearing Member.

5.2 Changes in APS account details must be notified at least five Business Days in advance.

5.3 It is the responsibility of each Clearing Member to have sufficient funds in its Nominated Accounts to enable all cash transfers required under the Rules to be settled. Approved Financial Institutions will

not be able to reverse any payment from or to a Clearing House Account without receipt of authorisation from the Clearing House evidenced in writing.

- 5.4 Clearing Members will be advised of debits from or credits to their physical accounts by the standard SWIFT advices of debit and credit (MT900 and MT910 respectively) or otherwise in accordance with arrangement established with Approved Financial Institutions.
- 5.5 [Clearing Members must ensure that](#) Approved Financial Institutions ~~must~~ make payment to the Clearing House [Account at the relevant Approved Financial Institution](#) within the time periods specified in Table 1. The Clearing House will notify all affected Approved Financial Institutions if a contingency method is to be invoked. In the event that no payment notification is received from an Approved Financial Institution by the time specified in Table 1, the Clearing House will be permitted to act as if the funds have not and will not be received, which includes the declaration of an Event of Default in respect of any affected Clearing Member. In such circumstances, the Clearing House will use its reasonable endeavours to determine the cause of the late notification with the relevant Approved Financial Institutions. The remittance of funds remains at all times the responsibility of Clearing Members. [The Clearing House may otherwise treat funds as not having been received and take similar actions as a result of Rule 301\(f\). In the case of the failure or Insolvency of an Approved Financial Institution used by a Clearing Member in circumstances in which an amount is not treated as having been paid as a result of Rule 301\(f\), the amount must still be paid \(through a further payment, if necessary\) by a Clearing Member using alternative methods or a different Approved Financial Institution, in order to discharge the Clearing Member's liabilities.](#)
- 5.6 If the Clearing House holds excess cash for any Clearing Member, the Clearing Member is entitled to request repayment through ECS, either on an *ad hoc* basis or automatically on a daily or other regular basis. Such repayments will take place through the same systems and accounts as for payments to the Clearing House.

TABLE 1: TIME PERIODS FOR DELIVERY OF FUNDS AND SWIFT MT900/MT910

Type of Instruction	Time for Receipt of Instruction	Latest time for APS Bank to make payment of amount specified in Instruction and send SWIFT MT900/MT910
Routine End-of-day Instruction	On or after 00:00:00 London Time on Business Day X+1 but on or before 07:59:59 on Business Day X+1	Before 09:00:00 London time on Business Day X+1
Routine End-of-day Instruction for LIFFE Contracts that settle in JPY only	On or after 00:00:00 London Time on Business Day X+1 but on or before 07:59:59 on Business Day X+1	Before 09:00:00 London time on Business Day X+2
Intra-day Instruction (contingency)	On or after 08:00:00 on Business Day X but on or before Cut-Off Time on Business Day X	Within one hour of instruction on Business Day X

6. PAYMENTS TO AND FROM THE CLEARING HOUSE

6.1 General

- (a) Pursuant to Part 3 of the Rules, all payments between the Clearing House and a Clearing Member may be set off and consolidated into a single end-of-day or *ad hoc* payment (subject

to the segregation of each separate Customer Account and Proprietary Account transfers). Adjustments in Margin calls resulting from price changes in underlying open Contracts will result in either a payment from the Clearing Member's relevant Nominated Account by direct debit or a payment from a Clearing House Account to a Clearing Member's Nominated Account. Margin payments are combined with all other amounts due and payable pursuant to the Rules and discussed further in this section.

- (b) Payments will be executed as an intra-APS-bank, between accounts, book transfer from the relevant Nominated Account to a Clearing House Account at the same Approved Financial Institution. Payment into Clearing Members' Nominated Accounts will generally take place through a similar book transfer. However, if insufficient funds are available within the relevant Clearing House Account at that Approved Financial Institution, the remaining balance may be transferred from a Clearing House Account at another Approved Financial Institution or Institutions.
- (c) In ECS, Clearing Members have the ability to set standing instructions to return all funds above applicable Margin requirements or above a threshold (if higher). Such standing instructions can only be set for cash collateral. For currencies which can be used only for Variation Margin and settlement payments, credits are automatically returned to the Clearing Member's account regardless of any standing instructions to the contrary.
- (d) If a Clearing Member has not established standing instructions in ECS, it may manage its cash accounts by giving manual instructions. An increase in cash positions through ECS will result in a direct debit from the relevant Nominated Account of the Clearing Member. A reduction in cash positions will result in a payment from a Clearing House Account to one of the Clearing Member's Nominated Accounts. ECS does not permit requested reductions or standing instructions to result in a Clearing Member holding any positions below applicable Margin and Guaranty Fund Contribution requirements.

All cash instructions should be instructed before:

Currency	Instruction deadline
GBP	Same day 10.00 a.m.
EUR	Same day 10.00 a.m.
USD	Same day 16:00 p.m.
CAD	Same day 10.00 a.m.
CHF	Same day 10.00 a.m.
SEK	Same day 9.00 a.m.

- (e) No withdrawal will be possible after these deadlines. Clearing Members are able to enter cash deposits for value next day. These requests need to be entered and approved by Clearing Members prior to end of day, but will only be accepted by the Clearing House on the following morning. Following acceptance by the Clearing House, the changes will take effect immediately. The Clearing House may require any Clearing Member to reduce excess cash on account with the Clearing House or may specify that excess cash on account above a certain threshold does not receive interest.
- (f) Overnight payments must be made to the Clearing House at or before 09:00 on the morning following a call. *Ad hoc* payments must be made within one hour of an instruction being issued by the Clearing House through ECS. In relation to overnight pending transactions, any withdrawals or deposits instructed after the relevant deadline will be rejected by ECS.

- (g) The Clearing House will not provide Clearing Members with any specific notifications or confirmations after the execution of a cash movement. Clearing Members may instead find details of all instructions in daily and other reports available through the ECS-GUI. After execution, the status of an instruction within ECS will change from 'pending' to 'processed'.
- (h) The following sections describe the various payments that may be included in any cash transfer:

- (i) *Variation Margin (for ~~Energy~~F&O Contracts) and Mark-to-Market Margin (for CDS Contracts)*⁴

Daily Calls: Pursuant to Rule 503, all Contracts will be revalued and subject to Variation Margin or Mark-to-Market Margin calls on a daily basis- for settlement next day for payments in JPY or same day for payments in other currencies in accordance with Table 1. Variation Margin or Mark-to-Market Margin is calculated and settled only in cash. Adjustments will be calculated and payments will ordinarily be executed in the currency of the relevant Contracts (or underlying Contracts). Liabilities resulting from Variation Margin or Mark-to-Market Margin requirements will be included in the overnight call or return.

Intra-day Calls: Contracts may also be ~~revalued~~marked to market and subject to an additional Initial or Original Margin call (the proceeds of which may be applied against future Variation Margin or Mark-to-Market Margin calls) on an *ad hoc* intra-day basis. Affected Clearing Members will be informed (not in writing) by the Clearing House in the event of an intra-day call being applicable. If the call affects a significant number of Clearing Members, the Clearing House will issue a Circular. Intra-day calls will be executed via a direct debit from the Clearing Member's Nominated Account at an Approved Financial Institution. Payment must be made within one hour. Intra-day calls will only be in USD, GBP or EUR.

JPY payments: Any obligation to pay Variation Margin or settlement amounts in JPY must be covered with cash or non cash Original Margin in a different currency between the time of instruction and settlement.

- (ii) *Original Margin (for ~~Energy~~F&O Contracts) and Initial Margin (for CDS Contracts)*

Daily Calls: Pursuant to Part 5 of the Rules, Original Margin and Initial Margin requirements will be recalculated on a daily basis. Requirements will be calculated and payments will ordinarily be executed in the currency of the relevant Contracts (or underlying Contracts). Liabilities resulting from Original Margin and Initial Margin requirements will be included in the overnight call or return.

Intra-day Calls: Original Margin and Initial Margin may also be subject to *ad hoc* intra-day recalculations and calls. Affected Clearing Members will be informed (not in writing) by the Clearing House in the event of an intra-day call being applicable. If the call affects a significant number of Clearing Members, the Clearing House will issue a Circular. Intra-day Original Margin and Initial Margin calls will be executed via a direct debit from the Clearing Member's Nominated Account at an Approved Financial Institution. Payment must be made within one hour. Intra-day calls will only be in USD, GBP or EUR.

Clearing Members can specify the currency in which Original Margin deficits are called. In order to enable this facility Clearing Members will have to complete and return the ICE Clear Europe Margin Deficit Currency Form.

⁴ Amended 27 July 2009

As explained in the Clearing Procedures, in the event that an intra-day Margin call is anticipated, the Clearing House will contact the Clearing Member by phone to notify them of the requirement. This will be followed by written notification distributed by email. Intra-day Margin calls can be made between 09:00 and 19:00 London Time and must be met within 60 minutes of notification by the Clearing House. Clearing Members will be able to answer the call by reducing positions (e.g. reallocation of trades/clearing give-ups), generating profits through trading activities or submitting new cash and/or collateral. Margin calls are not rounded to the nearest major currency unit.

(iii) *Guaranty Fund adjustments*

Each relevant Guaranty Fund Period, the total value of the Guaranty Funds and required Guaranty Fund Contributions of Clearing Members are reviewed and may be amended. Clearing Members will be informed of the total Guaranty Fund Contribution requirements at each Guaranty Fund Period end by Circular. The Clearing House's contributions to the Guaranty Funds (if any) will also be specified in such Circulars. Adjustments to Guaranty Fund Contributions will be notified to individual Clearing Members by e-mail to a nominated e-mail account of each Clearing Member the Business Day after the end of the relevant Guaranty Fund Period. For the [EnergyF&O](#) Guaranty Fund, adjustments will be made ten Business Days after the date of notification unless the relevant Circular specifies otherwise. For the CDS Guaranty Fund, adjustments will be made two Business Days after the date of notification unless the relevant Circular specifies otherwise. Other than in exceptional circumstances, any additional required Guaranty Fund Contribution payments will be included together with overnight calls and details will be included in daily reports provided to Clearing Members through ECS.

(iv) *Interest*

The Clearing House will notify Clearing Members of its interest rate in each currency on the Business Day following the day to which the rate applies. The Clearing House rates payable on Original Margin or Initial Margin are referred to as the ICE Deposit Rate (IDR). Interest rates payable on Mark-to-Market Margin for CDS Contracts are specified in the CDS Operational Procedures.

Payments in respect of interest will be made to Clearing Members in respect of cash, assets and securities in the guarantee fund held by the Clearing House as Margin, Guaranty Fund Contributions or Permitted Cover. The rate of return may vary for different cash and asset classes and between types of cover. IDR and accumulated interest over each month will be available to Clearing Members through the ECS-GUI.

Interest will be calculated on a simple daily basis and will become available for payment to Clearing Members, subject to any required deduction or withholding tax, monthly, on the fourth Business Day after the end of each month. Once credited, the interest is available to meet Margin payments or may be withdrawn by Clearing Members. If used to meet Margin payments, the interest then itself becomes eligible to accrue interest.

(v) *Income (interest and collateral) and Redemption*

The Clearing House will make payment to Clearing Members in respect of income and redemptions on non-cash assets transferred to the Clearing House as Margin, Guaranty Fund Contributions or Permitted Cover. Distributions will be executed direct to the Clearing Member by the relevant custodian pursuant to a standing instruction made by the Clearing House based on account information provided by

the Clearing Member. Clearing Members are required to provide account details in relation to accounts in all applicable currencies to the Clearing House. Changes in account details must be notified at least five Business Days in advance.

Payments in respect of income on non-cash assets will be paid to Clearing Members in the same currency as the income is distributed by the relevant issuer or payment agent to the Clearing House. Any required foreign exchange transaction following payment must be arranged by the Clearing Member and the costs of the same must be met by the Clearing Member. No currency exchange will be arranged by the Clearing House or its custodian.

If there is a failed payment in respect of income or redemption (e.g. as a result of account details being unavailable or incorrect), income may be retained by the Clearing House or custodian but will not be treated by the Clearing House as Permitted Cover. The Clearing House makes no representation or warranty to Clearing Members in respect of the promptness of payment by any issuer or payment agent, the custodian or any of its sub-custodians or agents (save for any liability which by law may not be excluded).

(vi) *Fees and rebates*

All Market fees, OTC Participant fees, ICE Futures US fees, Clearing House fees, delivery fees, ~~rebates~~ and other fees payable to the Clearing House or a Market will be calculated and charged to each Clearing Member as such fees accrue (typically on a monthly basis).

Rebates, fee discounts and incentive program payments which have been directed by the payee or beneficiary to be paid to the account of a Clearing Member will be calculated and credited to the relevant account of the Clearing Member as such rebates, fee discounts and incentive program payments accrue (typically on a monthly basis) and may include payments for which the payer is a Market, payments for which the payer is the Clearing House or both.

The following additional provisions apply in respect of rebate, fee discount or incentive program payments except to the extent agreed or notified otherwise by the Clearing House from time to time. Terms, conditions and amounts of rebate, fee discount or incentive programs may be periodically modified by the Clearing House at its sole discretion. In certain circumstances, the Clearing House may make the availability of a rebate, fee discount or incentive program contingent on certain cleared volume levels. Rebate, fee discount and incentive programs may be withdrawn by the Clearing House or any relevant Market at any time. Persons may be required to meet participation criteria, conditions and obligations applicable to participants in this scheme as the same may be amended or added to from time to time, in order to be able to continue to be able to participate in any such program. Where a rebate, fee discount or incentive program relates to a service for which both Market trading, clearing or other fees or Clearing House clearing fees are applicable, the payer of the rebate, fee discount or incentive program payment is the Clearing House as to the total amount of the Market and Clearing House rebate, fee discount or incentive program payments multiplied by the percentage that Clearing House fees represent of the sum of Clearing House and Market fees. The legal entity operating the relevant Market will be the payer of the remainder of the rebate, fee discount or incentive program payment. Where only Clearing House fees are charged or a rebate, fee discount, the payer of the entire rebate, fee discount or incentive program payment is the Clearing House. The Clearing House or the operator of the relevant Market may arrange for one of its Affiliates or the Clearing House to make any payment in respect of rebates, fee discounts or incentive programs on the payer's

behalf. The payee in respect of a fee discount or incentive program is the person who participates in the program, regardless of whether such person is or is not a Clearing Member or member or participant of the relevant Market. A qualifying participant in a rebate, fee discount or incentive program may from time to time direct that relevant payments be made directly to their account or to the account of their Clearing Member, exchange member, execution platform participant or any other third party. Any payment in accordance with such instructions shall constitute due and final payment by the Clearing House or Market to the account of the rebate, fee discount or incentive program participant. Rebate, fee discount or incentive program participants may direct changes to such payment arrangements from time to time by providing notice in writing to the Clearing House or the relevant Market. In the absence of any payment instructions, the Clearing House shall be entitled (but shall not be required) to make payment in respect of any rebate, fee discount or incentive program payment by crediting amounts to the Proprietary Account or Customer Account of the relevant Clearing Member and in doing so shall have made good discharge of its obligations and those of any Market in relation to the relevant rebate, fee discount or incentive program payment.

Fee invoices will be made available via ECS on the fourth Business Day of each month. Fees and any applicable rebates, incentive payments or discounts will be included in the overnight call or return on the fifth Business Day after the end of each month. All fees are collected through a Clearing Member's Nominated Proprietary Account. Rebates, incentive payments or discounts may be credited to a Clearing Member's Nominated Proprietary Account or Nominated Customer Account, as instructed from time to time by the payee.

Clearing Members that wish to query a fee invoice should contact the Clearing House Finance department on or before the 10th Business Day of the relevant month. Any required amendments will be reflected in the next billing cycle.

(vii) *Other Amounts*

Any amount payable by the Clearing Member to the Clearing House (or *vice versa*) pursuant to the Rules or any Contract may be included within an end-of-day or *ad hoc* payment. This may include settlement amounts, delivery-related payments (e.g. Buyer's Security and Seller's Security), fines, damages, amounts payable as a result of arbitration or disciplinary proceedings, dividends and coupons on Investments being delivered under LIFFE Contracts and other amounts payable under the Rules. Without prejudice to the Clearing House's ability to introduce other ad hoc procedures within ECS, CDS Contract coupon payments will be made in the manner set out in the CDS Operational Procedures.

(viii) Currency Holidays and payments in other currencies

Before the start of each calendar year, the Clearing House will publish a Circular setting out details of bank holidays relevant to the currencies supported by the Clearing House in different jurisdictions (each, a "**Currency Holiday**"). Transfer of funds in a currency will not take place on a Currency Holiday for that currency.

~~If, due to there is a Currency Holiday or otherwise, a transfer of funds of a currency is not possible, the Clearing House may will call and obtain Original Margin or Initial Margin payments~~ Clearing Members shall pay (or receive as applicable) Margin in another currency specified by the Clearing House. The sequence of alternative currencies to be used for ~~Energy Contracts~~ F&O Contracts in respect of Currency Holidays (in the absence of a Clearing Member specifying an alternative sequence for these three currencies in writing to the Clearing House) is as follows: USD, GBP,

~~EUR, CAD, CHF~~ and ~~SEK~~EUR. The sequence of alternative currencies to be used for CDS Contracts (in the absence of a Clearing Member specifying an alternative sequence for these three currencies in writing to the Clearing House) is as follows: EUR, USD and GBP.

If, due to a Force Majeure Event, Financial Emergency or otherwise, a transfer of funds of a currency is not possible or advisable, the Clearing House may call and Clearing Members shall pay (or receive as applicable) Margin, Guaranty Fund Contributions, fees, fines, interest, incentive payments, fee discount, rebates and all other payments (excluding final settlement payments under Contracts) in another currency specified by the Clearing House. If payments are to take place in a currency other than the contractual currency in circumstances other than a Currency Holiday, the Clearing House will issue a Circular specifying the currency to be used and the exchange rate to be applied.

Payments of Margin in a different currency on a Currency Holiday will not be netted against obligations in a currency other than that of the underlying Contract, nor paid in another currency. For Variation Margin and Mark-to-Market Margin, payment in a different currency from the contractual currency due to a Currency ~~Holidays~~Holiday will result in a delay of payments to the next ~~possible~~ day on which payment may be made in the contractual currency. Any obligation to pay Variation Margin or Mark-to-Market Margin ~~where payment is delayed~~ in a currency other than the contractual currency will result in an additional Original Margin or Initial Margin requirement, which must be covered with cash or non-cash collateral (which may be of, or be denominated in, a different currency). Any obligation to pay any other amount in a currency other than the contractual currency may result in an additional Original Margin or Initial Margin requirement, which must be covered with cash or non-cash collateral (which may be of, or be denominated in, a different currency). In the case of payment in a currency other than the contractual currency being required in instances other than a Currency Holiday, the Clearing House will specify in the relevant Circular how applicable obligations will be margined or netted.

Transactions in collateral on bank holidays in a relevant jurisdiction will not necessarily be rejected upon instruction but will be cancelled at the end of day and must be re-instructed by Clearing Members on a day which is not a bank holiday in the relevant jurisdiction.

7. CUSTODY ACCOUNTS

7.1 Pursuant to Rule 502, Original Margin and Initial Margin requirements are payable initially in cash but a Clearing Member may substitute such cash Original Margin or Initial Margin with other Permitted Cover by delivery of the replacement Permitted Cover to the Clearing House. Such transfers must first be notified to the Clearing House by the relevant Clearing Member through ECS and will not be effective and may not be made until after the Clearing House has approved the proposed transaction in ECS. Guaranty Fund Contribution requirements may also be satisfied through non-cash assets to the extent allowed under the Rules and these Procedures.

7.2 Pursuant to Clearing Membership Agreements, the Clearing House receives all non-cash assets provided to it for accounts that are not Pledged Collateral Accounts pursuant to title transfer. For Pledged Collateral Accounts, pursuant to the relevant Pledged Collateral Addendum, the Clearing House is beneficiary of a pledge over such assets. The Clearing House holds all non-cash assets provided to it as Permitted Cover with a third party custodian (which may in turn use sub-custodians). Non-cash assets transferred to the Clearing House by way of title transfer cease to belong to the Clearing Member upon transfer to the Clearing House. The Clearing House will operate up to six custody accounts in respect of each Clearing Member at its custodian in respect of ~~Energy~~F&O Contracts: a house account (in respect of Proprietary Account margin), up to four client accounts (one

in respect of each separate Customer Account) and a Guaranty Fund account. In addition, the Clearing House will operate up to two further custody accounts in respect of each Clearing Member at its custodian in respect of CDS Contracts: a house account and a Guaranty Fund account. Such accounts are labelled by the custodian with the name of the relevant Clearing Member, for administrative convenience only in the case of accounts that are not Pledged Collateral Accounts. Client accounts will not be maintained for Clearing Members undertaking only Proprietary Account business. This structure is intended to facilitate tax reporting and avoids unnecessary withholding of tax at source. Clearing Member returns on cash held in the Guaranty Fund account will be for the credit of the Proprietary Account.

- 7.3 In the event that a Clearing Member wishes to lodge U.S. Government securities as Permitted Cover, Clearing Members are required to complete and return a Form W-8BEN “Certificate of Foreign Status of Beneficial Owner for United States ~~Faw~~Tax Withholding” (non-U.S. entities) or a Form W-9 “Request for Taxpayer Identification Number and Certification” (U.S. entities). Clearing Members must inform the Clearing House of any changes in relevant tax status or the information provided in any such form. Late provision of information may result in unnecessary tax withholdings, deductions, penalties or costs. The Clearing House shall not be liable to Clearing Members for any such withholdings, deductions, penalties or costs, save as provided otherwise pursuant to the Contract Terms in relation to CDS Contracts. Where necessary, the Clearing House’s custodian will make available a tax certificate or other details which may be required for tax purposes from time to time. Declarations relating to ‘beneficial ownership’ on IRS Form W-8BEN or IRS Form W-9 are based upon U.S. tax law concepts and do not affect the transfer of title, pledge or property rights provided for under the Clearing Membership Agreements, nor do they put ICE Clear on notice of any Encumbrance.

8. PERMITTED COVER: SECURITIES

- 8.1 The Clearing House will publish by Circular a list from time to time setting out all security classes acceptable as non-cash Permitted Cover, specifying any restrictions for such Permitted Cover applicable by way of class or status of Clearing Member, account or Contract. Applicable ‘haircuts’ will also be published and amended by Circular. The amount of recognised Permitted Cover at the Clearing House attributable to a particular security is the market value of the relevant security multiplied by the applicable haircut. Within ECS, details of international security identification numbers (ISINs) for all acceptable Permitted Cover will be provided. New issues are automatically added to the list and can be selected for settlement and coverage. The Clearing House is entitled to remove securities from the list of accepted Permitted Cover or to vary haircuts at any time.
- 8.2 Clearing Members may suggest to the Clearing House’s Risk department that a new class or series of permitted cover be included within the list of acceptable Permitted Cover. A request form to lodge new Certificates of Deposit is available on the member-only section of the Clearing House website. New classes will only be added after approval by the Risk department. A limited sub-set of the acceptable securities are accepted by the Clearing House in respect of required Guaranty Fund Contributions. Clearing Members will be notified by Circular of the specific classes.
- 8.3 The Clearing House does not recognise any value for non-cash collateral as from the day falling one full Business Day prior to redemption or maturity. Clearing Members must arrange for substitute Permitted Cover on or prior to such time. The Clearing House will use endeavours (but shall not be required) to contact Clearing Members who have securities nearing maturity in order to assist with the timely lodgement of alternative Permitted Cover.

9. PERMITTED COVER: EMISSIONS ALLOWANCES

- 9.1 The following definitions apply to this part of the Finance Procedures:

(a) [The term “Account” means an account maintained by the Registry pursuant to the Registry Regulations in order to record the holding and transfer of EUAs and/or CERs.](#)

- (b) The term “**Allowance Type**” has the same meaning as that given to the term in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (c) ~~(a)~~ The term “**Carbon Emissions Allowance**” or “**Allowance**” ~~means a greenhouse gas emissions allowance under the Scheme.~~ EUA” has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (d) ~~(b)~~ The term “**Certified Emission Reduction**” or “**CER**” ~~means a unit issued by the UN Clean Development Mechanism Executive Board pursuant to Article 12 of the Kyoto Protocol and the decisions adopted pursuant to the UNFCCC or the Kyoto Protocol and is equal to one metric tonne of carbon dioxide equivalent.~~ has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (e) The term “**Competent Authority**” has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (f) ~~(e)~~ The term “**Eligibility Criteria**” ~~shall have the meaning set out in the ICE Futures Europe Contract Rules.~~ Emissions Allowance” shall mean an EUA or CER as the case may be.
- (g) ~~(d)~~ The term “**Emission Emissions Contracts**” where used in this part shall mean the ICE ECX EUA and CER Futures Contracts Futures EUA Futures Contract, ICE Futures EUA Daily Futures Contract, ICE Futures EUA Auction Contract, ICE Futures CER Futures Contract, ICE Futures CER Futures Daily Contract or any other Contract (as defined in the ICE Futures Europe Rules) referencing an Emissions Allowance which may be launched by ICE Futures Europe from time to time, to be delivered pursuant to and in accordance with the Delivery Procedures.
- (h) ~~(e)~~ The term “**Emissions Directive**” ~~means Directive 2003/87/EC of the European Parliament and the Council of 13 October 2003 establishing a scheme for greenhouse gas emissions allowance trading and amending Council Directive 96/61/EC, as amended from time to time.~~ has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (f) The term “**Holding Account**” ~~means a holding account maintained by a Registry pursuant to the Registry's regulations or relevant applicable law in order to record the holding and transfer of Allowances or CERs. A Clearing Member must hold one or more Holding Accounts for the holding and transfer of Allowances and one or more separate Holding Accounts for the holding and transfer of CERs.~~
- (i) ~~(e)~~ The term “**Kyoto Protocol**” ~~shall have~~ has the same meaning as ~~set out~~ that given to the term in the ICE Futures Europe ~~Contract~~ Rules.
- (j) The term “**Linking Directive**” has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (k) ~~(h)~~ The term “**Registry**” (i) in respect of an ~~Allowance, means any~~ EUA, or CER, means the single Union registry established pursuant to the Registry Regulations in order to ensure the accurate accounting of the ~~issue of~~ holding, transfer, acquisition, surrender, cancellation ~~and replacement of Allowances under the Scheme, which has been identified as a Registry by ICE Futures Europe from time to time;~~ and (ii) in respect of a CER, means any registry, (a) in an EU Member State meeting the Eligibility Criteria and which has implemented the Linking Directive in a manner that authorises private persons to hold CERs and has Person Holding Accounts established in order to ensure the accurate accounting of the ~~issue of~~ holding, transfer, acquisition, surrender, cancellation, and replacement of CERs under the Scheme; or, (b) in an Annex I Country that is not an EU Member State meets the Eligibility Criteria and has in place laws that authorise private persons to hold CERs and has Person Holding Accounts established in order to ensure the accurate accounting of the ~~issue of~~ holding,

~~transfer, acquisition, surrender, cancellation, and replacement of CERs under relevant applicable law, and which has been identified as a Registry by ICE Futures Europe from time to time provided however that, where the Clearing House identifies a Non-Eligible Registry which it will use for a contract month, any reference to a Registry shall mean the identified Non-Eligible Registry, and replacement of EUAs or CERs under the Scheme.~~

- (l) ~~(i)~~ The term “**Registry Regulations**” ~~means the EU Commission Regulation (EC) No- 2216/2004 for a standardised and secured systems of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision 280/2004/EC of the European Parliament and of the Council, as amended from time to time, including by EU Commission Regulation (EC) No. 916/2007.~~ has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (m) ~~(j)~~ The term “**Scheme**” means the scheme for transferring ~~allowances (including EUAs or CERs)~~ established pursuant to the Emissions Directive, as implemented by relevant national law.
- (n) ~~(k)~~ The term “**Transfer Request**” means ~~an Allowance Transfer Request or a request to effect a transfer of an Emissions Allowance, submitted by a Clearing Member to the Registry in the manner required by the Registry Regulations or relevant Applicable Laws and otherwise in accordance with the Rules and ICE Futures Europe Rules, and EUA Transfer Request or CER Transfer Request, as the case may be.~~ shall have the corresponding meanings, as applicable.
- (o) The term “UNFCCC” has the same meaning as that given to the term in the ICE Futures Europe Rules.
- (p) ~~(l)~~ The term “**UNFCCC Independent Transaction Log**” ~~means the independent transaction log established, operated and maintained by the Secretariat of the United Nations Framework Convention on Climate Change.~~ has the same meaning as that given to the term in the ICE Futures Europe Rules.

- 9.2 Clearing Members may use Emissions Allowances ~~or CERs~~ to satisfy Original Margin requirements (unless agreed otherwise by the Clearing House at its discretion). The Clearing House has set a position limit of 30% of total initial margin requirement, per Clearing Member, in relation to the deposit of Allowances EUAs, and 5% of total initial margin requirement for CERs ~~Allowances and CERs may~~. Emissions Allowances may only be used as Permitted Cover in relation Original Margin in respect of Energy F&O Contracts and will be subject to a haircut which will be confirmed by Circular.
- 9.3 Emissions Allowances ~~or CERs~~ to be used as Permitted Cover shall ~~conform to the Eligibility Criteria~~ fall within the applicable Allowance Type and any other eligibility criteria described in ICE Futures Europe Rules ~~and the definitions of the Registries to and from which delivery may be made as amended by ICE Futures Europe from time to time.~~ Clearing Members will be liable to the Clearing House for any loss to the Clearing House resulting from ~~the~~ Emissions Allowances ~~or CERs~~ deposited as Original Margin which do not comply with these Procedures.
- 9.4 For the avoidance of doubt, Clearing Members will not be able to use ~~Allowances or CERs~~ an Emissions Allowance deposited with the Clearing House as Original Margin to meet ~~a~~ delivery obligations of the obligation arising pursuant to an Emissions Contracts Contract.
- 9.5 Deposits and withdrawals of Emissions Allowances ~~and CERs~~ must be made in minimum increments of 1,000 ~~allowances EUAs or CERs as the case may be~~, each such Emissions Allowance ~~or CER~~ being an entitlement to emit one ~~metric~~ tonne of carbon dioxide equivalent ~~gas~~.

- 9.6 ~~Emissions Allowances or CERs~~ received before 13:00 hours on a Business Day will be reflected in Permitted Cover on the same Business Day. ~~Emissions Allowances or CERs~~ received after 13:00 hours will not be treated as having been received until the next Business Day.
- 9.7 Transfer of ~~Emissions Allowances or CERs~~ to ~~the Holding~~an Account of the Clearing House, must be done in accordance with the provisions of the Registry Regulations. The Clearing House is not responsible for, and/or shall have no liability whatsoever as a result of, the performance or non-performance of ~~any~~the Registry or ~~the~~ UNFCCC Independent Transaction Log, and the exclusions of liability set out in the Delivery Procedures, ICE Futures Europe Rules and/or Rules with respect to the transfer of Emissions Allowances shall apply to transfers of collateral pursuant to these Finance Procedures, mutatis mutandis.
- 9.8 Collateral management in ~~Emissions Allowances and CERs~~ is only possible on Business Days.
- 9.9 The ~~Emissions Allowances and CERs~~ will be priced daily using the Official Daily Settlement prices for the ICE ~~ECX-EUA and ECX-CER Daily~~Futures EUA Daily Futures Contract and the ICE Futures CER Futures Contracts respectivelyDaily Contracts applicable. The Clearing House retains the right to adjust the price if the Risk Department regards this necessary.

Issue procedure

- 9.10 Prior to transferring ~~Emissions Allowances or CERs~~, the Clearing Member must provide details of the ~~Holding~~Account for the ~~transfer instructions~~relevant Transfer Request. This information must be provided on the standard form provided by the Clearing House and signed by two Authorised Signatories. A template of this form is available on the Clearing House website.
- 9.11 For every transfer ~~to~~ or ~~request to transfer~~Transfer Request relating to Emissions Allowances ~~or CERs~~, the Clearing Member must instruct the Clearing House using the standard form provided by the Clearing House. A template of this form is available on the Clearing House website. Any uninstructed deposit will be returned by the Clearing House.
- 9.12 A transfer must be made to ~~the Holding~~any Account of the Clearing House as notified to Clearing Members from time-to-time. For the avoidance of doubt, the Clearing House has established a dedicated ~~Holding~~ Account at the UK Registry to hold ~~Emissions Allowances and CERs~~ as collateral.
- 9.13 The Clearing House has the right to reject instructions in the event that: (i) insufficient information has been supplied; (ii) counterparty ~~accounts~~Accounts are not pre-advised on the list with allowed counterparties; (iii) when concentration limits are exceeded; and (iv) for any other reason that places the Clearing House under additional risk.
- 9.14 The position in the Clearing House's collateral system ECS will be adjusted prior to the delivery or after confirmation of receipt in ~~the any~~ Clearing House's ~~Holding~~ Account by the Registry. The adjustment of the position will have immediate effect on the value of available collateral.

Expiry

- 9.15 The Clearing House is entitled to remove any or all Emissions Allowances ~~or CERs~~ from the list of accepted Permitted Cover or to vary haircuts at any time.

9.16 EUAAs (as defined in the ICE Futures Europe Rules) and ERUs (as defined in the ICE Futures Europe Rules) are not eligible as Permitted Cover.

10. PERMITTED COVER: GOLD BULLION

General

- 10.1 The following definitions apply to this part of the Finance Procedures:

- (a) The term “**Gold Bullion**” shall have the same meaning as “London Good Delivery Bars” as set by London Bullion and Metals Association (“**LBMA**”).
 - (b) “**AURUM**” means the electronic matching and settlement system operated by London Precious Metal Clearing Limited (“**LPMCL**”).
 - (c) “**Market Rules**” means the rules, regulations, practices and customs of the LBMA, LPMCL, the Financial Services Authority, the Bank of England and such other regulatory authority or other body, relevant to the transfer and safekeeping of Gold Bullion.
 - (d) “**Unallocated Account**” established at the custodian for the purpose of transferring Gold Bullion between the Clearing House and the Clearing Member. Gold Bullion in the Unallocated Account will be unidentifiable, and present the contractual obligations from the custodian to the Clearing House.
 - (e) “**Allocated Account**” established at the custodian for the purpose of safekeeping Gold Bullion. Gold Bullion on the Allocated Account is physically held in the custodian’s vaults and identifiable by serial numbers.
 - (f) “**Business Day**” means a day (excluding Saturdays, Sundays and public holidays) on which AURUM, the settlement system operated by LPMCL, is open for the transfer of Gold Bullion.
- 10.2 Clearing Members may use Gold Bullion to satisfy Original Margin and Initial Margin requirements (unless agreed otherwise by the Clearing House at its discretion). The Clearing House has set a Collateral limit of the lower of 250 million US Dollar or 30% of total Original Margin or Initial Margin requirement, per Clearing Member. Gold Bullion may be used as Permitted Cover in relation to Original Margin in respect of ~~Energy and~~ F&O Contracts and Initial Margin in relation to CDS Contracts and will be subject to a haircut which will be confirmed by Circular.
- 10.3 Gold Bullion to be used as Permitted Cover shall conform to the eligibility criteria described by the LBMA and transfers shall be in conformance with the Market Rules. Clearing Members will be liable to the Clearing House in the event that the Clearing House incurs any loss as a result of Gold Bullion being delivered to the Clearing House as Original Margin or Initial Margin which does not comply with these Procedures.---
- 10.4 The Clearing House limits its liabilities for loss or damage of all Gold Bullion on deposit. Prior to the first deposit the Clearing House must have received a signed copy of the “Gold Supplement” to the Clearing Member Agreement. A template of this agreement will be provided by the Clearing House.
- 10.5 Deposits and withdrawals of Gold Bullion must be made in increments of 1 Troy Ounce.
- 10.6 Gold Bullion received before 16:00 hours (London time) on a Business Day will be reflected in Permitted Cover on the same Business Day. Gold Bullion received after 16:00 hours (London time) will be treated as having been not received until the next Business Day.
- 10.7 Transfer of Gold Bullion to the Unallocated Account of the Clearing House, must be done in accordance with the provisions of the LBMA and LPMCL. The Clearing House is not responsible for, and/or shall have no liability whatsoever as a result of, the performance or non-performance of any settlement system or settlement party.
- 10.8 Management of the Gold Bullion as margin is only possible on Business Days as set by LPMCL. Additionally the Clearing House is not able to transfer assets on Non-Clearing Days or UK Bank Holidays in case they differ from the non Business Days.
- 10.9 The Gold Bullion will be priced daily using the 15:00 fixing of the London Gold Fixing price by Gold Market Fixing Ltd. The Gold Bullion will be quoted in US Dollars. The Clearing House retains the right to adjust the price if the Risk Department regards this as necessary.

11.8 Status settlement transaction

The Clearing House will provide updated information on the settlement status of transactions through ECS. Clearing Members are responsible for monitoring the status of settlements. The status of a transaction as matched or not matched is not reported upon by the Clearing House and must be confirmed by Clearing Members directly with the relevant settlement system or depository.

12. LETTERS OF CREDIT

12.1 General

(a) A letter of credit drawn in compliance with these Procedures and the Clearing Membership Agreement ("Letter of Credit") may be used by:

(i) an F&O Clearing Member which is not regulated by a financial Regulatory Authority as Permitted Cover to satisfy Original Margin, subject to a maximum of 50% of Original Margin (unless agreed otherwise by the Clearing House at its discretion) (a "Standard Letter of Credit"); or

(ii) an F&O Clearing Member which is regulated by a financial Regulatory Authority if the Applicant under the relevant Pass-Through Letter of Credit is a non-financial institution, subject to a maximum of 50% of Original Margin requirements (unless agreed otherwise by the Clearing House at its discretion) (a "Pass-Through Letter of Credit".

~~(a) Clearing Members may use a letter of credit drawn in compliance with these Procedures and the Clearing Membership Agreement ("Letter of Credit") to satisfy Original Margin and Initial Margin, subject to a maximum of 50% of Original Margin and Initial Margin requirements (unless agreed otherwise by the Clearing House at its discretion).~~
Clearing Members must contact the Clearing House's Treasury ~~department~~Department in advance in connection with the issuance of any Letter of Credit.

(b) A Letter of Credit is an undertaking by an Issuing Bank acceptable to the Clearing House to make a payment to the Clearing House within a specific time, upon the presentation of documents or the occurrence of certain events. The Letter of Credit is not expected to be drawn upon ~~absent~~in absence of an Event of Default or other payment difficulty.

The Letter of Credit can be neither amended nor cancelled without the agreement of the Issuing Bank, the Clearing House and the Clearing Member. The form of any Letter of Credit must be approved by the Clearing House. However, Clearing Members are responsible for procuring that the terms of each Letter of Credit are consistent with these Procedures and the Rules. Clearing Members will be liable to the Clearing House for any loss to the Clearing House resulting from the terms of a Letter of Credit not complying with these Procedures.

(c) The Pass-Through Letter of Credit is issued by an Issuing Bank acceptable to the Clearing House at the instruction of a Clearing Member's client to make payment to the Clearing House within a specific time, upon the presentation of documents or the occurrence of certain events. The Letter of Credit will only be drawn upon on the occurrence of an Event of Default of the relevant client's Clearing Member. Further the form of Pass-Through Letter of Credit contains a facility whereby it can be transferred in whole to the client's Clearing Member, provided that the Clearing Member covers Margin liabilities covered by the Pass-Through Letter of Credit in advance of the transfer, with alternative Margin as appropriate. Therefore this form of Pass-Through Letter of Credit also provides the Clearing Member with collateral through the right of transfer.

- (d) In case of recourse being made to a Letter of Credit, the Clearing House may request the Issuing Bank to deliver funds upon presentation by the Clearing House or its agent to the Issuing Bank of a written certificate or an electronic record stating that ~~a certain amount~~ an Event of Default has ~~not~~ been ~~paid by~~ declared in respect of the Clearing Member. The amount that the ~~issuing bank~~ Issuing Bank is liable to pay will be capped at the maximum amount specified in the Letter of Credit.

12.2 Issuing Bank

- (a) The Clearing Member must advise the Clearing House of its intention to seek issuance of a Letter of Credit to meet relevant Margin obligations. The Clearing Member must provide details of the proposed maximum amount under the Letter of Credit and the legal name of the Issuing Bank. In order for it to be acceptable as Margin, the Clearing House must have given its prior consent to the identity of the Issuing Bank and the amount and other terms and conditions of the Letter of Credit.
- (b) General requirements of the Issuing Bank:
- (i) a minimum credit rating of S&P A (or equivalent);
 - (ii) located in the US or EU and the rating of the country of residence should have a minimum credit rating of S&P A (or equivalent);
 - (iii) regulated by Central Bank of the domicile country of the Issuing Bank;
 - (iv) availability of a Balance Sheet containing capital information which is less than 6 months old. Up to date Corporate Structure showing the entity issuing the guarantee and the relationship to the direct and ultimate parent company;
 - (v) no adverse signals from developments in market capital vs. book value, share price and CDS rating or from market information; and
 - (vi) no parental guarantees are accepted. The Issuing Bank may not be linked to the Clearing Member receiving the guarantee.
- (c) The Clearing House may restrict the guarantee amount if the request leads to an excessive credit exposure to the Issuing Bank. It is at the discretion of the Clearing House to accept or reject the Letter of Credit as Permitted Cover without any obligation to communicate the reason for its decision.

12.3 Issuing procedure

- (a) The Clearing Member ~~must contact~~ contacts the Clearing House's Treasury ~~department~~ Department to advise the Clearing House of its intention to seek issuance of a Letter of Credit to meet relevant Margin obligations and provide the Clearing ~~house~~ House with ~~all~~ all necessary information using the Letter of Credit Request Form.
- (b) The Clearing Member or the Clearing Member's client in respect of a Pass-Through Letter of Credit (not the Clearing House) must request the Issuing Bank to issue a Letter of Credit and coordinate the issue of any Letter of Credit.
- (c) Upon the issuance of a Letter of Credit, the Issuing Bank will advise an agent appointed by the Clearing House, who will pass details of the Letter of Credit to the Clearing House. The Clearing House will check the details of the Letter of Credit. If the Letter of Credit is acceptable to the Clearing House then, once accepted, it will be reflected in the Clearing Member's collateral reported through ECS. Letters of Credit received before 17:00 hours on a Business Day will be reflected in the collateral on the same Business Day. Letters of Credit

received after 17:00 hours will not be treated as having been received until the next Business Day.

12.4 Terms of Letter of Credit

Standard Letter of Credit

The Letter of Credit must be presented as one in a SWIFT MT700, MT760 or MT799 message to the Beneficiary Agent.

The Clearing House must procure that each Letter of Credit includes as a minimum the following terms and details:

Term	Requirement
General terms	The Uniform Customs and Practice for Documentary Credits, 2007 Revision, ICC Publication No. 600 (UCP 600) and the Supplement to the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (Version 1.1) (" <u>eUCP</u> ").
Beneficiary	ICE Clear Europe Limited of 5 th Floor, Milton Gate, 60 Chiswell Street, Moorgate, London EC1Y 4SA, United Kingdom.
Beneficiaries Beneficiary Agent	JPMorgan Chase Bank N.A., Chaseside, Bournemouth BH7 7DA, United Kingdom, BIC : CHASGB2L.
Maximum amount	As agreed by the Clearing House.
Currency	As agreed by the Clearing House.
<u>Date and time of Issue</u>	<u>As agreed by the Clearing House</u>
<u>Date and time of Expiry</u>	<u>As agreed by the Clearing House</u>
Documents required	A signed statement from ICE Clear Europe Limited issued on its letterhead and signed by any of its officers, or an electronic record sent on behalf of ICE Clear Europe Limited by JP Morgan Chase Bank, N.A. (the Beneficiary Agent), certifying that an Event of Default (as defined in Part 9 of ICE Clear Europe Limited's rules) has been declared in respect of the Applicant.
Additional conditions	In the case of the presentation of an electronic record, the Beneficiary (or the Beneficiary Agent) shall provide a notice to the Issuing Bank signifying when such presentation is complete as required under article e5(c) of the eUCP. The Issuing Bank shall have a maximum of one banking day following the day of presentation to determine if a presentation is complying and article 14(b) of the UCP 600 is modified accordingly. The Issuing Bank shall honour this Letter of Credit by

Term	Requirement
	<p>payment one banking day following the day of presentation to or to the order of the Beneficiary to such account as notified by the Beneficiary (or the Beneficiary Agent) at the time of presentation of the required document.</p> <p>To the extent that there is any conflict between this Letter of Credit and the UCP 600 and/or the eUCP, this letter of credit shall prevail.</p> <p>This Letter of Credit and any non-contractual obligations arising out of or in connection with it shall be governed by and construed in accordance with English law. The Issuing Bank hereby submits to the exclusive jurisdiction of the English courts.</p>
Costs of issuing and exercising the Letter of Credit	Charges paid by the Applicant-

Pass-Through Letter of Credit

The Pass -Through Letter of Credit consists of:

1. the Initial Letter of Credit;
2. the Form of Transfer including the Transferred Letter of Credit; and
3. the Side Letter.

The Initial Letter of Credit and Form of Transfer must be presented as one in a SWIFT MT760 or MT799 message to the Beneficiary Agent. The Side Letter will be presented by the Clearing House to the Clearing Member upon receipt of the Letter of Credit.

[The Required Document in the Transferred Letter of Credit differs depending on the regulatory status of the Clearing Member. It is the responsibility of the Clearing Member to assess the wording of the Letter of Credit and only consent with the issue in case the Letter of Credit is acceptable by the Clearing Member as Permitted Cover and fully compliant with its regulatory requirements.](#)

[Ad 1 Initial Letter of Credit](#)

Term	Requirement
General terms	The Uniform Customs and Practice for Documentary Credits, 2007 Revision, ICC Publication No. 600 (" <u>UCP 600</u> ") and the Supplement to the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (Version 1.1) (" <u>eUCP</u> ").
Beneficiary	ICE Clear Europe Limited of 5 th Floor, Milton Gate, 60 Chiswell Street, Moorgate, London EC1Y 4SA, United Kingdom-
Beneficiaries <u>Beneficiary</u> Agent	JPMorgan Chase Bank N.A., Chaseside, Bournemouth BH7 7DA, United Kingdom, BIC :

Term	Requirement
	CHASGB2L .
Maximum amount	As agreed by the Clearing House .
Currency	As agreed by the Clearing House .
Documents required	A signed statement from ICE Clear Europe Limited issued on its letterhead and signed by any of its officers, or, an electronic record sent on behalf of ICE Clear Europe Limited by JP Morgan Chase Bank, N.A. (the Beneficiary Agent), certifying that an Event of Default (as defined in Part 9 of ICE Clear Europe Limited's rules) has been declared in respect of [insert name of Clearing Member] (the " <u>Clearing Member</u> ").
Conditions	<p>This Letter of Credit will become effective at [time], London time, on [date] and will expire at [time], London time, on [date] at the Issuing Bank's counter.</p> <p>In the case of the presentation of an electronic record, the Beneficiary (or the Beneficiary Agent) shall provide a notice to the Issuing Bank signifying when such presentation is complete as required under Article e5(c) of the eUCP (as defined above<u>below</u>).</p> <p>The Issuing Bank shall have a maximum of one banking day following the day of presentation to determine if a presentation is complying and Article 14(b) of the UCP 600 (as defined above<u>below</u>) is modified accordingly.</p> <p>The Issuing Bank shall honour this Letter of Credit by payment one banking day following the day of presentation to or to the order of the Beneficiary to such account as notified by the Beneficiary (or the Beneficiary Agent) at the time of presentation of the required document.</p> <p>This Letter of Credit is transferable only to the Clearing Member and only for the full undrawn value. Any transfer shall be made in accordance with and on the terms set out in the form of transfer set out in the Schedule hereto. The Issuing Bank undertakes to issue in favour of the Clearing Member (and in the form set out in the schedule hereto) this Letter of Credit so transferred. The Beneficiary (or its Beneficiary Agent) is authorised to provide instructions to the Issuing Bank in respect of a transfer of this Letter of Credit pursuant to its terms.</p> <p>This Letter of Credit is subject to The Uniform Customs and Practice for Documentary Credits, 2007 Revision, ICC Publication No. 600 ("<u>UCP 600</u>") and the Supplement to the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (Version 1.1) ("<u>eUCP</u>"). To the extent that there is</p>

Term	Requirement
	<p>any conflict between this Letter of Credit and the UCP 600 and/or the eUCP, this Letter of Credit shall prevail.</p> <p>This Letter of Credit and any non-contractual obligations arising out of or in connection with it shall be governed by and construed in accordance with English law. The Issuing Bank hereby submits to the exclusive jurisdiction of the English courts.</p>
Costs of issuing and exercising the Letter of Credit	Charges paid by the Applicant.

Ad 2 Form of Transfer

Term	Requirement
Instructed by	ICE Clear Europe Limited of 5 th Floor, Milton Gate, 60 Chiswell Street, Moorgate, London EC1Y 4SA, United Kingdom.
Recipient	Issuing Bank
Beneficiaries <u>Beneficiary</u> Agent	JPMorgan Chase Bank N.A., Chaseside, Bournemouth BH7 7DA, United Kingdom, BIC : CHASGB2L
Reference	IRREVOCABLE STANDBY LETTER OF CREDIT NO. [•] FOR [XXX] USD (the <u>"Letter of Credit"</u>) [Issuing Bank's reference number]
Transfer request	<p>Pursuant to the terms of the Letter of Credit, ICE Clear Europe Limited, the Beneficiary of the Letter of Credit, hereby irrevocably transfers the full undrawn amount of the Letter of Credit to:</p> <p>Amount: [Insert amount of Letter of Credit to be transferred] [full undrawn amount]</p> <p>Name: [Insert name of Clearing Member] (the <u>"Transferee"</u>)</p> <p>Address: [Insert address]</p> <p>All charges incurred by the Issuing Bank in connection with such transfer will be paid by the Transferee.</p> <p>Please issue in favour of the Transferee a letter of credit in the form attached, reflecting such transfer.</p> <p>Form of Irrevocable Standby Letter of Credit to be issued to the Transferee:</p>
Transferred LC	

Term	Requirement
General terms	The Uniform Customs and Practice for Documentary Credits, 2007 Revision, ICC Publication No. 600 (UCP 600) and the Supplement to the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (Version 1.1) (" <u>eUCP</u> ").
Beneficiary	The Transferee as mentioned in the Form of Transfer (the " Clearing Member ").
Maximum amount	Whole undrawn amount of Original Letter of Credit.
Currency	As agreed Original Letter of Credit.
Documents required	<p><u>FOR CLEARING MEMBERS WITHOUT FCM STATUS:</u></p> <p>A signed statement from [<i>insert name of Transferee</i>] issued on its letterhead and signed by any of its officers, or, an electronic record from [<i>insert name of Transferee</i>] certifying that an Event of Default has been declared in respect of [<i>insert name of applicant</i>] (the "<u>Applicant</u>") <u>has defaulted in relation to its obligations to the</u> [<i>insert name of Transferee</i>].</p> <p><u>OR</u></p> <p><u>FOR CLEARING MEMBERS WITH FCM STATUS:</u></p> <p><u>A signed demand for payment from</u> [<i>insert name of Transferee</i>] <u>issued on its letterhead and signed by any of its officers, or, an electronic record from</u> [<i>insert name of Transferee</i>] <u>making a demand for payment.</u></p>
Additional conditions	<p>This Letter of Credit will become effective at<u>as soon as reasonably practicable after instruction to transfer is given, being</u> [<i>time</i>], London time, on [<i>date</i>], and will expire at [<i>time, same as original Letter of Credit</i>], London time, on [<i>date, same as original Letter of Credit</i>] at the Issuing Bank's counter.</p> <p>In the case of the presentation of an electronic record, the Beneficiary (or the Beneficiary Agent) shall provide a notice to the Issuing Bank signifying when such presentation is complete as required under Article e5(c) of the eUCP (as defined above).</p> <p>The Issuing Bank shall have a maximum of one banking day following the day of presentation to determine if a presentation is complying and Article 14(b) of the UCP 600 (as defined above) is modified accordingly.</p> <p>The Issuing Bank shall honour this Letter of Credit by payment one banking day following the day of presentation to or to the order of the Beneficiary<u>beneficiary</u> to such account as notified by the Beneficiary (or the Beneficiary Agent) at the time</p>

Term	Requirement
	<p>of presentation of the required document.</p> <p><u>[</u>This Letter of Credit is transferable only to the Clearing Member and only for the full undrawn value. Any transfer shall be made in accordance with and on the terms set out in the form of transfer set out in the Schedule hereto. The Issuing Bank undertakes to issue in favour of the Clearing Member (and in the form set out in the schedule hereto) this Letter of Credit so transferred. The Beneficiary (or its Beneficiary Agent) is authorised to provide instructions to the Issuing Bank in respect of a transfer of this Letter of Credit pursuant to its terms. <u>]</u></p> <p>This Letter of Credit is subject to The Uniform Customs and Practice for Documentary Credits, 2007 Revision, ICC Publication No. 600 (UCP 600) and the Supplement to the Uniform Customs and Practice for Documentary Credits for Electronic Presentation (Version 1.1) (eUCP). To the extent that there is any conflict between this Letter of Credit and the UCP 600 and/or the eUCP, this Letter of Credit shall prevail.</p> <p>This Letter of Credit and any non-contractual obligations arising out of or in connection with it shall be governed by and construed in accordance with English law. The Issuing Bank hereby submits to the exclusive jurisdiction of the English courts.</p>
Costs of issuing and exercising the Letter of Credit	Charges paid by the Applicant.

Ad 3 Side Letter

Term	Requirement
Issued by	ICE Clear Europe Limited of 5 th Floor, Milton Gate, 60 Chiswell Street, Moorgate, London EC1Y 4SA, United Kingdom.
Beneficiary	The Clearing Member.
Reference	Irrevocable Standby Letter of Credit for —[Curr] [Amount], —Your Client: [name and address of Applicant], Reference number: [Issuing Bank's reference number] (the " Letter of Credit ").
<u>Maximum amount</u>	<u>[amount]</u>
<u>Currency</u>	<u>[currency]</u>
Conditions	We refer to your proposal to deliver to us a letter of credit issued by [Issuing Bank] (the " <u>Issuing Bank</u> ").

Term	Requirement
	<p>on the application of customers [<i>name of client</i>] (the "<u>Customer</u>").</p> <p>In addition to any other provisions which apply now or in the future in connection with our receiving Letters of Credit in connection with the delivery by Clearing Members of margin and in consideration of you procuring the issuance and delivery of such letter of credit, we irrevocably confirm and undertake the following:</p> <ol style="list-style-type: none"> 1. Provided that you are not a Defaulter under the Rules: <ol style="list-style-type: none"> (a) we will, subject to our obligations of confidentiality and unless prohibited by Applicable Law, notify you as soon as reasonably practicable of any communication we receive in relation to the letter of credit from the Issuing Bank; and (b) subject to the paragraph below, where we have notified you of a request from the Issuing Bank for a reduction in the amount or tenor or a termination of the letter of credit, we will accept or reject the requested reduction in accordance with your written instructions so long as those instructions are received by us not later than close of business in London on the Business Day immediately following our notification to you. <p>We are not obliged to take account of any instruction from you to accept a reduction in the amount or tenor or termination of the letter of credit unless all amounts due and payable by you (including amounts of margin that would be payable by you as a consequence of such a reduction or termination and including all amounts payable in respect of all your accounts (including your proprietary and customer accounts)) have been duly paid.</p> 2. If you deliver a notice in writing to us to transfer the Letter of Credit to you, we will, provided that (a) you are not a Defaulter under the Rules, and (b) all amounts due and payable by you (including amounts of margin payable by you as a consequence of such a transfer and including all amounts payable in respect of all your accounts (including your proprietary and customer accounts)) have been duly paid, execute and deliver, as soon as reasonably practicable, to the Issuing Bank a transfer notice in the form attached to the letter of credit for the transfer to you. The notice to transfer may only be for the full undrawn value of the Letter of Credit.

Term	Requirement
	<p>We shall be entitled to deal with the Letter of Credit and with the Issuing Bank entirely at our sole discretion, subject only to our obligations to you expressly set out in this letter.</p> <p>Notices to be delivered pursuant to this letter shall be delivered in accordance with Rule 113 of the Rules.</p> <p>Defined terms used in this letter which are not otherwise defined herein will have the meaning given to those terms in the Rules. For this purpose, <u>“Rules”</u> means the ICE Clear Europe’s Clearing Rules, together with the Procedures, and as interpreted in accordance with the Guidance and the Circulars, each as amended, restated, supplemented or varied from time to time.</p> <p>Please confirm your agreement to the above by countersigning and returning to us a copy of this letter.</p> <p>This letter is governed by and shall be construed in accordance with English law. Changes and amendments to this letter shall be made in writing by the parties hereto. No person who is not a party to this letter will have any rights pursuant to the Contract (Rights of Third Parties) Act 1999.</p>

12.5 Amendments to Letter of Credit

- (a) All proposed amendments to Letters of Credit must be communicated to the Clearing House in advance of becoming effective and must be agreed to by the Clearing House. Variations to a Letter of Credit may only be made in accordance with the Clearing Membership Agreement, i.e. pursuant to the substitution of a new Letter of Credit approved in the same manner as above or by the agreement between the Issuing Bank, Clearing Member and the Clearing House of a variation to the maximum amount covered by the Letter of Credit.
- (b) Upon the issuance of a Letter of Credit, the Issuing Bank will advise an agent appointed by the Clearing House, who will pass details of the Letter of Credit to the Clearing House. Letters of Credit received before 17:00 hours on a Business Day will be reflected in the collateral on the same Business Day. Letters of Credit received after 17:00 hours will not be treated as having been received until the next Business Day.
- (c) This section is without prejudice to the Clearing House’s rights and discretions to cease to recognise any revoked or varied Letter of Credit and require a cash payment or other type of Margin from a Clearing Member in the event of a shortfall of Margin obligations or other liability of the Clearing Member arising.

12.6 Expiry and renewal

Clearing Members must notify the Clearing House within three Business Days in writing of any expiry or renewal of a Letter of Credit, including details of its proposals to replace or renew the Letter of

- (f) Liquidation of Permitted Cover;
- (g) Liquidation of Guaranty Fund Contribution; and
- (h) Closure of Open Contract Positions.

13.6 Margin Parameters

The Clearing House monitors market volatilities on a daily basis. The Clearing House will review Original Margin rates on a periodic and *ad hoc* basis. Changes to Original Margin rates will be notified to Clearing Members by Circular. ~~Ad~~With respect to F&O Contracts, *ad hoc* rate changes will become effective on the next Business Day. Routine rate changes will be implemented on the date given in the Circular announcing such changes, normally five Business Days after the date of the Circular. With respect to F&O Contracts, changes to Original Margin rates will be based on an analysis of appropriate factors as determined by the Clearing House, including market prices, historical and implied volatilities of relevant contracts, spreads and correlations between related commodities, other current and anticipated conditions (including liquidity) in the market for the contracts and other relevant information.

13.7 Haircuts

The Clearing House will review haircuts applicable for Permitted Cover on a periodic and *ad hoc* basis. Changes to haircuts will be notified to Clearing Members by Circular. ~~Ad~~With respect to Permitted Cover for F&O Contracts, *ad hoc* rate changes will become effective on the next Business Day. Routine rate changes will be implemented on the date given in the Circular announcing such changes, normally five Business Days after the date of the Circular. With respect to Permitted Cover for F&O Contracts, changes to haircuts will be based on an analysis of appropriate factors as determined by the Clearing House, including historical and implied price volatility of such assets, current and anticipated conditions in the market for those assets, spreads and correlations between relevant assets, liquidity in the trading market for those assets, composition of the relevant market, default risk (including sovereign risk) with respect to those assets, relevant foreign exchange market conditions and other relevant information.

13.8 Permitted Capital Limits

The Clearing House monitors the relationship between Capital and outstanding Original Margin obligations of Clearing Members. If, on aggregate, a Clearing Member's Original Margin is greater than three times the Clearing Member's Capital, the Clearing House may require that further Capital (or substitute Capital) be put in place by the Clearing Member.

The Clearing House will endeavour to contact Clearing Members that may be required to put in place additional Capital in advance of such requirement becoming necessary, in order to agree steps to be taken by the Clearing Members.

13.9 Concentrated Positions

The Clearing House monitors Open Contract Positions on a daily basis. Where the Clearing House determines an Open Contract Position to be concentrated, as defined by its Large Positions Policy, the Clearing House may, at its discretion, seek to protect itself by requesting that the Clearing Member do either of the following:

- (a) Reduce an Open Contract Position;
- (b) Lodge additional Permitted Cover with the Clearing House; or
- (c) Lodge or increase the value of an acceptable Letter of Credit.

Positions will be subject to an extra Margin requirement in the case that a single Clearing Member holds more than 20% of the total Margin requirement in the margined product group as defined by the Logical Code in the TRS System.

14. GUARANTY FUND PARAMETERS AND RESTRICTIONS

14.1 **EnergyF&O Guaranty Fund**

The following parameters apply to the **EnergyF&O** Guaranty Fund and **EnergyF&O** Guaranty Fund Contributions, in addition to those parameters specified in the Rules:

- (a) **EnergyF&O** Guaranty Fund Contributions calculated in USD;
- (b) minimum **EnergyF&O** Guaranty Fund Contribution of USD 1 million;
- (c) minimum cash portion of **EnergyF&O** Guaranty Fund Contribution is 50%;
- (d) in addition to the above requirement, minimum of US\$10 million in cash (such that any **EnergyF&O** Guaranty Fund Contribution of less than US\$10 million must be provided entirely as cash) unless agreed otherwise by the Clearing House; and
- (e) other Permitted Cover for **EnergyF&O** Guaranty Fund Contributions must be USD denominated.

14.2 **CDS Guaranty Fund**

The following parameters apply to the CDS Guaranty Fund and CDS Guaranty Fund Contributions, in addition to those parameters specified in the Rules:

- (a) CDS Guaranty Fund Contributions calculated in EUR, except for Guaranty Fund Contributions relating to Open Contract Positions in Sovereign Contracts, which are calculated in USD;
- (b) minimum CDS Guaranty Fund Contribution of EUR 15 million for CDS Contracts other than Sovereign Contracts;
- (c) minimum cash portion of CDS Guaranty Fund Contribution is 50% for each currency;
- (d) in addition to the above requirements, minimum of EUR 15 million in cash (such that any CDS Guaranty Fund Contribution of EUR 15 million must be provided entirely as cash) unless agreed otherwise by the Clearing House;
- (e) other Permitted Cover for CDS Guaranty Fund Contributions must be EUR denominated, except for Guaranty Fund Contribution in relation to Sovereign Contracts, which must be USD denominated;
- (f) the start and end dates of Guaranty Fund Periods will be communicated to CDS Clearing Members; and
- (g) the parameters for determining the CDS Guaranty Fund Contributions of CDS Clearing Members will be determined by the Clearing House in consultation with the CDS Risk Committee.

(III) MEMBERSHIP PROCEDURES

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1. APPLICATION PROCESS⁴

- 1.1 The membership application process is set out in detail in Rule 201. An application for membership must be made by completing an application form and delivering a partially executed Clearing Membership Agreement (“CMA”). For UK companies, because the CMA is a deed, signatures of two directors or one director and the company secretary are required. For non-UK companies, local requirements are applicable. The Clearing House will liaise with an applicant to ensure that the application form and supporting documentation is complete. The Clearing House is not currently charging an application fee.
- 1.2 On receipt of a completed application form, the Clearing House will undertake a due diligence and a review process. As part of its application an applicant must have provided the information requested on the application form, to the Clearing House.
- 1.3 Applications will formally be considered by the Board, ~~or a Board Committee. Membership will become the responsibility of~~ or the Risk Committee, ~~once properly constituted and authorised.~~
- 1.4 The Clearing House may also grant approval to an applicant conditional upon satisfying certain requirements, provided that the applicant has expressed its intention to meet such requirements and provided evidence of its ability to do so.
- 1.5 ~~Energy Clearing Members that wish to become CDS Clearing Members or CDS Clearing Members that wish also to become Energy Clearing Members~~ Clearing Members who wish to have an additional Membership Category must go through a separate membership process, under which any additional criteria applicable to the new ~~class of membership~~ Membership Category will be assessed in the same manner and pursuant to the same procedures as for new ~~members~~ membership applicants.
- 1.6 For membership, capital and notification requirements specific to CDS Clearing Members, please refer to the CDS Procedures. For membership, capital and notification requirements specific to FX Clearing Members, please refer to the FX Procedures.
- 1.7 Clearing Members trading on particular Markets must also meet the requirements of the relevant Markets.
- 1.8 ~~1.6~~ These Membership Procedures apply to ~~both~~ CDS Clearing Members, F&O Clearing Members and ~~Energy~~ FX Clearing Members.

2. RESIGNATION PROCESS⁴

- 2.1 The membership termination process is set out in detail in Rule 209.

3. CAPITAL REQUIREMENTS⁴

- 3.1 All Clearing Members are subject to a minimum Capital requirement of USD10 million. CDS Clearing Members are subject to additional minimum ~~Tier 1~~ Capital requirements as set out in the CDS Procedures. FX Clearing Members are subject to additional minimum Capital requirements as set out in the FX Procedures. Requirements may be satisfied in USDs or in other currency equivalents. Changes to the minimum capital requirements will be notified by Circular.
- 3.2 Additional Capital requirements may be imposed on particular Clearing Members pursuant to Rules 206 and 602.
- 3.3 As set out in the Rules, “Capital” with respect to a Non-FCM/BD Clearing Member includes “own funds”, as such term is defined in the Banking Consolidation Directive (Directive ~~2000/28~~ 2006/48/EC)

⁴ Amended 27 July 2009

⁴ Amended 27 July 2009

⁴ Amended 27 July 2009

and applicable on a stand-alone (non-consolidated) basis and subject to the limits and deductions set out therein and, in relation to matters reserved for member states, as implemented in the United Kingdom, whether or not the relevant Clearing Member is subject to the Banking Consolidation Directive or the supervision of the FSA. ~~This~~For FCM/BD Clearing Members, “Capital” means its “adjusted net capital” as defined in CFTC Rule 1.17. Capital, as a general matter, includes fully-paid ordinary and preference share capital, retained reserves and, for some purposes and subject to limits, subordinated debt that is perpetual or repayable on 5-years or more notice (in the latter case, subject to a 50% limit). Tier 1 Capital, as defined in the Banking Consolidation Directive, is a subset of Capital excluding subordinated debt, among others.

3.4 Clearing Members with any doubt in relation to whether a particular balance sheet item counts as Capital or Tier 1 Capital should refer to the relevant definitions in the Banking Consolidation Directive or CFTC Rules and raise any queries with the Clearing House.

3.5 The Clearing House has ~~a~~ discretion to accept other balance sheet items or financial comfort as acceptable Capital. Clearing Members who wish to re-structure their Capital in any of the below ways should contact the Clearing House’s Membership Department. ~~Clearing Members will be required to enter into an agreement with the Clearing House in the standard form prescribed by the Clearing House for these purposes.~~ Any non-standard acceptable Capital requirement is subject to assessment by the Clearing House Risk department. The following are potential methods Clearing Members may use to re-structure their Capital:

- (a) **Subordinated Loans:** Where a Clearing Member uses subordinated loans not falling within the definition of “own funds” under the Banking Consolidation Directive to meet its minimum Capital requirement, or in order to cover more than 50% of its Capital requirement, the Clearing House will require a written undertaking from the Clearing Member and the Lender that the loan(s) will not be repaid without the prior consent of the Clearing House;
- (b) **Irrevocable Letters of Credit:** The Clearing House may at its discretion, but in any case only up to a maximum of 50% of the minimum Capital requirement, recognise funds committed to the Clearing House under an irrevocable letter of credit from a third party issuing bank, on terms acceptable to the Clearing House, ~~as~~in lieu of Capital; and
- (c) **Parent Company Guarantee:** The Clearing House may, at its discretion, accept a Parent Company Guarantee from a parent of a Clearing Member which would, if it were a Clearing Member, meet applicable Capital requirements without the Clearing House exercising any of its discretions. The form of parent company guarantee must be ~~acceptable to~~in the form specified by the Clearing House.

4. MATTERS REQUIRING NOTIFICATION BY CLEARING MEMBERS

4.1 In the table below, details are provided of notifications that should be made to the Clearing House. Notifications should be made at or before the time specified, in accordance with the Rules and these Procedures and including the required contents or on the required form. If no Form is referred to in the Table below, an affected Clearing Member should notify the Clearing House in writing.

4.2 In the Notification column in the table below, “R” refers to the Rules. The items marked * require formal written notification under Rule 113~~(d)~~(c). Other matters do not require follow-up notification in writing unless requested by the Clearing House. Matters notified or actioned electronically through ~~TRS/CPS~~the Clearing House's systems do not require formal notifications to be made to the Clearing House unless specified below.

	Notification	Periodicity of Submission	Requirements <u>and</u> Form
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	Notification	Periodicity of Submission	Requirements and Form
A	Financial and Regulatory Notifications		
1.	Annual audited financial statement <u>statements including: profit and loss account, balance sheet and auditors report</u> – R205(a)(i)	Within 90 days of the end of the Clearing Member's or relevant Controller's fiscal year	In original format. Sent to the attention of the Clearing House Membership department. If any such material is other than a routine periodic return, statement or report required under Applicable Laws, a written statement is required setting out, to the extent known, the reasons why the Clearing Member or Controller is filing it must also be filed with the Clearing House.
2.	Quarterly financial statement: <u>including management profit and loss accounts and balance sheet</u> – R205(a)(ii)	Within 30 days of the end of each quarter	<u>Drawn up in accordance with Applicable Laws and Accounting Standards or otherwise following the requirements of the Clearing House.</u>
3.	Copy of financial returns, reports, statements and notices provided to Regulatory Authority – R205(a)(iii)	As soon as provided to Regulatory Authority	<u>If any materials provided are not routine periodic financial returns, statements or reports, then the Clearing Member or relevant Controller must produce a written statement setting out the reasons for filing it.</u>
	Note: for FSA-regulated Clearing Members, financial returns will be obtained direct from the FSA - <u>Rule 205(b)</u>		
B	Risk-related Disclosures⁴		
1.	Failure to meet <u>any obligation to transfer deposit or pay any margin requirements</u> of a Clearing Organisation* – R204(a)(vi)	Immediately <u>in this section</u> in all cases	By <u>Full particulars</u> by email to iceclear@theice.com , followed by a telephone call via the Clearing House's helpdesk at 020 7065 7600 ⁴ <u>7600</u> and confirmation in writing
2.	Failure to comply with any applicable financial requirements of any Governmental Authority, Regulatory Authority, Exchange, Clearing Organisation or Delivery Facility* – R204(a)(vii)		
3.	Insolvency* (affecting a		<u>A copy must also be sent in writing to the FSA and the Bank of England pursuant to Part 12 of the Rules</u>

⁴. Amended 27 July 2009⁴. Amended 27 July 2009

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements <u>and</u> Form
	Clearing Member or any of its Controllers or Affiliates) – R204(a)(viii) & R1209 <u>R1207</u>		
4.	Financial or commercial difficulty* – R204(a)(x)		
5.	Insufficient funds in a Clearing Member's Nominated Account and a Credit/Debit Payment Transfer Order becomes irrevocable – R1205(b)		
6.	Force Majeure Event (occurrence and cessation) – R112(b)(i) & R112(b)(vi) & BCP <u>Business Continuity Procedures</u>		
7.	Ceasing to have sufficient Capital* – R204(a)(iii) <u>& R206</u>		
8.	Reduction of Capital by more than 10% from latest financial statement <u>or any reduction of Capital prior to any payment, loan, distribution or redemption of Capital*</u> – R204(a)(iv) & R204(a)(v)		
9.9	Reduction in Tier 1 Capital by more than 30% from that shown in latest financial statements; other Tier 1 Capital notifications; CDS Procedures para 2.4(a) (b)		

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements and Form
	(CDS – Clearing Members only) Any “early warning” or similar matter required to be notified to a Regulatory Authority – R204(a)(xi)		
10.	Change of rating – CDS Procedures para 2.4(e) (CDS Clearing Members only) <u>Note: for FSA-regulated Clearing Member notifications under R 204(a)(xiii) of any matter, circumstance or change of occurrence of previously furnished statements or information supplied in connection with the Clearing Member’s application shall only be required if a notification is also required to the FSA under the Principles for Business in the FSA Rules - R 204(b)(ii)</u>		
C	Changes to Contact and Company Details⁴		
1.	Change of Legal Name*	Within three Business Days of the change	<p>Any changes to company details should be notified to the Membership Department by completing the relevant section of the form available on the website and emailing it <u>email</u> to: Iceclear@theice.com and/or mailing it to the Clearing House registered address.</p> <p>Include copy of document from relevant Governmental Authority, where applicable.</p> <p>Where the change is time sensitive, this should be backed up by a telephone call via the Clearing House’s helpdesk at: 020 7065 7600: <u>7600</u></p>
2.	Change of Address (registered address, mailing/operations address or address for service in England)*		
3.	Change of contact details for firm (telephone number, fax number or website)		
4.	Change of contact details for key personnel or change of key personnel	As soon as possible. Allow two Business Days for changes to become effective.	
5.	Change to emergency contact details		
6.	Change to e-mail address for the delivery of Circulars	As soon as practical and as often as necessary. Allow two Business Days for changes to become effective.	
7.	Change to details for downloading monthly volumes from the Clearing House’s website	Promptly and without delay. Allow two Business Days for changes to become effective.	
8.	Change of	At least five Business	

⁴. Amended 27 July 2009

⁴. Amended 27 July 2009

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements <u>and</u> Form
	Approved Financial Institution for Nominated Accounts*	Days' advance notice	
9.	Change to clearing activity or list of markets that the Clearing Member clears	Immediately	
10.	Change of Account number or other details*	At least five Business Days' advance notice	
11.	Changes to "Eligible Persons"* (e.g. exchange members that a Clearing Member clears for)	Before 14:00 on the Business Day At least <u>one week's advance written notice</u> prior to the Business Day on which a Clearing Member proposes to begin or cease providing such clearing services to an Eligible Person	<u>Any changes to Eligible Persons should be notified to the Membership Department by completing the relevant Supplementary Eligible Persons Form or Termination Letter, as appropriate, and emailing it to: Icecleareurope@theice.com and/or mailing it to the Clearing House registered address</u>
D	Changes to Corporate Details⁴		
1.	Change of legal status or registered number*	14 days in advance, where possible. At latest, within three Business Days of change-	Any changes to company details should be notified to the Membership Department by completing the relevant section of the form available on the website and emailing it <u>email</u> to: Icecleareurope@theice.com and/or mailing it to the Clearing House registered address- Where the change is time sensitive, this should be backed up by a telephone call via the Clearing House's helpdesk at: 020 7065 7600 <u>7600</u> ⁴
2.	Changes to constitutive documents* (e.g. Memorandum and Articles of Association)	<u>Immediately</u>	
3.	Change to regulatory or authorised status* (e.g. name of the lead regulator, contact name at regulator, status, regulator's identification code/number)	<u>Immediately</u>	
4.	Change of		

⁴- Amended 27 July 2009

⁴- Amended 27 July 2009

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements <u>and</u> Form
	appointment of agent for service of process R113(e)		
5.	Change to the VAT or other tax status or VAT number*	<u>Immediately</u>	
6.	Change to the nature of the Clearing Member's business*	Immediately	
7.	Change to authorised signatories	As soon and as often as practicable. Allow two Business Days for change to become effective.	
8.	Change to power of attorney, appointment of any agent or Representative or other authorisation* – R202(a)(xv)	<u>Original terms will bind the Clearing Member until not less than five business days after written notice of the change has been received.</u>	
9.	Change of authorised representative serving on Regional CDS Committee CDS Procedures, paragraph 6.1	As soon practicable and as often as necessary. Allow two Business Days for change to become effective.	
10.2.	Proposed Changes of control* – R204(a)(i)	As soon as possible	
11.1 <u>0.</u>	Changes of control, major (10%) shareholders or group organisational structure* – R204(a)(i)	In advance of the change. Where detailed advanced notice is impossible, where possible, the Clearing House should be contacted in advance and informed of the nature of the impending change.	
12.1 <u>1.</u>	Change to internal organisational chart		
13.1 <u>2.</u>	Change to corporate authority or powers to enter into and perform the obligations of a Clearing Member	Immediately	
14.1 <u>3.</u>	Changes to memberships of futures and/or		

	Notification	Periodicity of Submission	Requirements and Form
	options exchanges or clearing houses*		
	<p><u>Note: for FSA regulated Clearing Member notifications under R 204(a)(i) of any proposed change in control, notification shall only be required if a notification is also required to the FSA under the FSA Rules. In such cases, the relevant Clearing Member should provide the Clearing House contemporaneously with a copy of all submissions sent to the FSA in respect of that change of control – R 204(b)(i)</u></p>		
E	Ad Hoc Legal Notifications⁴		
1	Breach of Clearing House rules – R204(a)(xii)	As soon as identified	<p>Any changes to company details should be notified to the Membership Department by completing the relevant section of the form available on the website and emailing it <u>email</u> to: Icecleareurope@theice.com and/or mailing it to the Clearing House registered address:</p> <p>Where the change is time sensitive, this should be backed up by a telephone call via the Clearing House's helpdesk at: 020 7065 7600 <u>7600</u></p>
2	Termination of Clearing Membership Agreement or of membership as a Clearing Member for either CDS or Energy * – R209(a)(iii), R209(c)(i) & R209(f)	No less than three months' advance notice, if termination is not for cause. Otherwise, as specified in and allowed pursuant to the Rules.	
3	Rejection upon application or expulsion from any futures and or options, securities or commodities exchange or clearing house	As soon as identified <u>and detailing the full particulars of the breach</u>	
4	Disciplinary matters or events in any markets cleared by ICE Clear Europe*		
5	Any loss, liability, damage, injury, delay, cost or expense incurred or suffered <u>in respect under the terms of a Energy the Contract subject in relation to tender or physical settlement</u> * – R111(c)(xiii) <u>(D)</u>	Within seven Business Days of either the day on which documents must be taken up and paid for by the Buyer or the Buyer must take delivery of the <u>Commodity Deliverable or Investment</u> , whichever is the earlier.	
6	Any positions carried by another Clearing Member	The Business Day following the Business Day on which a	

⁴. Amended 27 July 2009

⁴. Amended 27 July 2009

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements <u>and</u> Form
	(Position Holder)* – R407	position was carried by the Position Holder	
7	Breach of Position Limit – R204(a)(ii) & R602(a)(i)	Immediately	
8	<u>Event of Default or any financial or commercial difficulty giving rise to the risk of an Event of Default* – R204(a)(ix) & R204(a)(x)</u>	<u>Immediately</u>	
9 11	Breach of Applicable Law* – R204(a)(x xii)	<u>Without delay</u>	
12	<u>Termination by an FCM/BD Clearing Member or close out of an Open Contract Position in any class of Customer Account as a result of default or similar event with respect to that FCM/BD Customer –R1604(b)</u>	<u>Through ICE Systems</u>	
10 13	Any possible action, suit or proceeding against the Clearing House* – R111(d)	<u>As soon as reasonably practicable</u>	

MEMBERSHIP PROCEDURES

	Notification	Periodicity of Submission	Requirements and Form
14 14	Anything relating to the Clearing Member of which the Clearing House would reasonably expect notice, including any matter, circumstance, change or occurrence which would cause a statement previously furnished pursuant to Rule 204,204 or any information supplied in connection with the Clearing Member's application for membership or otherwise to be inaccurate, incomplete or superseded* = R204(a)(xiii)	<u>Without delay</u>	
<u>G</u>	<u>Clearing Procedures</u>		
<u>1</u>	<u>Any event, system-related issue or anything else that would prevent the Clearing Member from operating timely and accurately on the Markets cleared. Clearing Procedures paragraph 1.3.</u>	<u>Immediately</u>	<u>Clearing Members should contact the Clearing House by email at Icecleareurope@theice.com or by a telephone call via the Clearing House's helpdesk at: 020 7065 7600</u>
<u>2</u>	<u>Notification of system errors or processing errors in relation to ICE Systems. Clearing Procedures paragraph 2.2(g) & (h).</u>		<u>Clearing Members should contact ICE's Operations department</u>
<u>H</u>	<u>Finance Procedures</u>		
12 1.	Notice of Physical Settlement <u>CDS Notification of</u>	Within time period allowed under <u>Contract</u>	In writing, copied by email to the Clearing House at Icecleareurope@theice.com

	Notification	Periodicity of Submission	Requirements and Form
	<u>any expiry or renewal of a Letter of Credit, including details of its proposals to replace or renew the Letter of Credit. Finance Procedures, paragraph 7.2</u> <u>12.6.</u>	Terms <u>Immediately</u> <u>Failure to make such notification within two Business Days prior to expiry will result in amounts referable to the Letter of Credit no longer being recognised as Margin</u>	
I	<u>Complaint Resolution Procedures</u>		
<u>1.</u>	<u>Any complaint must be notified to ICE. Complaint Resolution Procedures paragraphs 2 & 3.</u>	<u>Within 12 months from the date on which the Complainant becomes aware of the circumstances giving rise to the Complaint unless the Complainant can show reasonable grounds for delay</u>	<u>A Complaint should be made in writing, signed on behalf of the Complainant, marked "Complaints Resolution Procedure" and sent to the Complaints Handling Officer at ICE Clear Europe Limited or by e-mail to iceclearurope@theice.com</u>
<u>2.</u>	<u>Complainant must notify the Clearing House in writing whether it accepts the proposals or requires that the Complaint be referred to the Commissioner. Complaint Resolution Procedures paragraph 6.</u>	<u>Within fifteen days of receipt of notice of the outcome of the Clearing House Investigation</u>	
J	<u>Business Continuity Procedures</u>		
<u>1.</u>	<u>Clearing Member is affected by a Business Continuity Event. Business Continuity Procedures paragraphs 2.1 & 2.2.</u>	<u>Immediately</u>	<u>ICE must be contacted either by the Help Desk on +44 (0) 20 7065 7600 or iceuops@theice.com.</u> <u>The Clearing Member must provide the following information:</u> <u>(a) the name of Clearing Member;</u> <u>(b) the name and contact details of person at the Clearing Member who is authorised to take action and decisions on its behalf;</u> <u>(c) details of nature of the problem;</u> <u>(d) expected time when the problem is expected to be over or mitigated; and</u> <u>(e) any assistance or forbearance requested of the Clearing House</u>
<u>2.</u>	<u>Member ceases to be affected by a Business</u>		

MEMBERSHIP PROCEDURES

	Notification	Periodicity Submission	of	Requirements <u>and</u> Form
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1. GENERAL PROVISIONS⁴

1.1 With regard to all open Contracts, which, pursuant to the Contract Terms, give rise to delivery obligations:

- (a) Clearing Members with Open Contract Positions at cessation of trading are obliged to make or take delivery (as applicable);
- (b) Clearing Members must make themselves fully aware of their delivery obligations under each relevant Contract; and
- (c) these Delivery Procedures form part of the terms of the relevant Contract if such Contract becomes deliverable and should be read in conjunction with the Rules, particularly Part 7, and ICE Futures Europe Rules or LIFFE Rules where relevant.

1.2 Any enquiries concerning these Delivery Procedures should be directed to the Deliveries department of the Clearing House.

1.3 The following definitions apply to these Delivery Procedures:

- (a) The term "**Clearing Day**" means a day on which the Clearing House is open for business.
- (b) The term "**Business Day**" means a Clearing Day that is not a public holiday in England.
- (c) The term "**Delivery Period**" means a period during which delivery and settlement occurs in accordance with these Delivery Procedures and applicable Market ~~rules~~Rules.
- (d) The term "**Non-Clearing Day**" means Christmas Day, New ~~Years~~Year's Day, Easter Friday, each Saturday and Sunday where the Clearing House and the relevant Exchange are closed and any other day that is not a Clearing Day, as determined by the Clearing House from time to time.
- (e) The term "**Tender**" means a notice given pursuant to these Delivery Procedures and/or Market ~~rules~~Rules, of an intention to make or take delivery of a Commodity~~Deliverable~~.

1.4 These Delivery Procedures apply only in relation to Energy~~F&O~~ Contracts.

2. DELIVERY OF DOCUMENTATION

Clearing Members must submit the required delivery documentation to the Clearing House by email to iceuops@theice.com marked "URGENT: for the attention of the Deliveries Department" or by courier to the Clearing House's registered office.

3. AUTHORISED SIGNATORIES

Clearing Members, or their Transferor(s) or Transferee(s), must ensure that all delivery documents are signed by a director or officer who is properly authorised to sign such documentation on behalf of the Clearing Member. The Clearing House is entitled to rely upon the information specified in all forms and documents submitted by Buyers, Sellers, Transferors and Transferees without making any enquiry, investigation or check as to the accuracy of the information or whether the signatory is authorised to sign or submit the form or document to the Clearing House.

⁴ Amended 27 July 2009

4. CLEARING MEMBER ACCOUNTS

No offset is allowed for either physical delivery or financial settlement between Clearing Members' Proprietary Account and Customer Account. Separate delivery documentation is required for each such Account.

5. TRANSFERORS AND TRANSFEREES

5.1 Each ICE UK Natural Gas Futures Contract, ICE UK Base Electricity Futures Contract, ICE UK Peak Electricity Futures Contract and ICE Deliverable US Emissions Contract subject to delivery obligations allows Sellers and Buyers to nominate Transferors and Transferees respectively. A Transferor or Transferee may be a Seller or Buyer, respectively, itself. Transferors and Transferees are permitted to make or take delivery of Natural Gas, Electricity or Allowances to or from the Clearing House by the prescribed delivery method. The Clearing House permits the nomination of Transferors or Transferees for reasons of convenience of Clearing Members only. Notwithstanding the appointment of a Transferor or Transferee, the relevant Clearing Member remains at all times fully responsible for meeting all of its obligations and liabilities to the Clearing House.

5.2 A Clearing Member may appoint a Representative (which may be another Clearing Member) to undertake delivery administration or obligations.

5.3 ~~5.2~~ A person who is not the Buyer, Seller or the Clearing House shall have no right under the Contracts (Rights of Third Parties) Act 1999 to enforce any provision of a Contract (including any requirement of these Delivery Procedures). As further described in Rule 111, the Clearing House is not liable to or for Transferors or Transferees.

5.4 ~~5.3~~ Where separate procedures apply to a Transferor/Transferee who is not the Seller/Buyer, this is indicated in these Delivery Procedures. Any form to be completed and submitted to the Clearing House by a Transferor/Transferee shall be signed by an authorised signatory of the Transferor/Transferee. The Clearing House is entitled to rely upon the information specified in the form without making any enquiry, investigation or checks as to the accuracy of such information or whether the signatory on the form has been authorised by the Transferor/Transferee. Each Clearing Member acknowledges and agrees that it is responsible for ensuring the accuracy of the information on each form submitted by a Transferor/Transferee and that the form is signed by an authorised signatory.

6. ALTERNATIVE DELIVERY PROCEDURE ("ADP"): ICE GASOIL FUTURES

6.1 In respect of an ICE Gasoil Contracts or ICE Low Sulphur Gasoil Futures Contracts ("**ICE Gasoil Futures**"), if the Buyer agrees with the Seller to undertake delivery outside the ICE Futures Europe Rules, both parties must advise the Clearing House using the Form ICE Gasoil Futures: Confirmation of Agreed ADP (see Schedule of Forms and Reports).

6.2 Where an ADP is agreed, the Clearing House will settle the relevant Contracts at the settlement price agreed between the Buyer and Seller fulfilling its obligations under the Contract in respect of delivery. If the agreed price is not the one at which the positions were placed under Tender, the difference between the two prices will be debited or credited to the Clearing Members' accounts and an invoice or credit note will be issued.

6.3 ICE Gasoil Futures: Confirmation of Agreed ADP forms received by the Clearing House after 15:00 hours will be deemed to have been received on the next Business Day.

6.4 A reduced delivery fee is charged for ADPs agreed at least two days prior to the first day of the delivery range.

6.5 Where an ADP is agreed for ICE Gasoil Futures, then, as from the time that the Clearing Members' accounts are amended by the Clearing House as described in this paragraph 6, the affected Clearing Members and the Clearing House shall all automatically and immediately be released and discharged

from all their rights, liabilities and obligations in respect of the affected Contract or Contracts and such rights, liabilities and obligations shall be replaced by such amended obligations as are agreed between the parties.

7. EMISSIONS ALTERNATIVE DELIVERY PROCEDURE ("EADP"): ~~ICE ECX CFI EUA FUTURES AND ICE ECX CFI CER FUTURES~~ EMISSION CONTRACTS

In the event of a failed delivery in respect of an Emission Contract which is not an ICE ~~ECX CFI~~ EUA Futures Auction Contract or ICE ~~ECX CFI CER Futures~~ EUAA Auction Contract, the relevant Clearing Member and the Clearing House may enter into a separate contract to make or take delivery beyond the point of failure in a manner and on terms pursuant to paragraph 6 of Part A below.

8. ALTERNATIVE DELIVERY PROCEDURE: LIFFE WHITE SUGAR AND RAW SUGAR CONTRACTS

In the event that the Seller agrees with the Buyer (to whom the Seller's Tender is allocated by the Clearing House) to make delivery other than as specified in the LIFFE Rules in respect of LIFFE White Sugar Contracts or LIFFE Raw Sugar Contracts, both parties must advise LIFFE via LIFFE Guardian of their agreement. In such circumstances, the Clearing House will terminate the LIFFE White Sugar Contracts or LIFFE Raw Sugar Contracts at the agreed settlement price, in fulfilment of all obligations and rights of all parties under the Contracts.

9. ~~8.~~ EXCLUSION OF ALTERNATIVE DELIVERY PROCEDURES FOR OTHER CONTRACTS

Clearing Members may not agree alternative delivery procedures for any ICE UK Natural Gas Futures Contract, ICE UK Base Electricity Futures Contract, ICE UK Peak Electricity Futures Contract ~~or~~, ICE Deliverable US Emissions Contract, LIFFE Coffee Contract, LIFFE Cocoa Contract, LIFFE Wheat Contract, LIFFE Gilt Contract, LIFFE Japanese Government Bond Contract, LIFFE Equity Futures/Options Contract or LIFFE Stock Contingent Trade Contract or any other Contract subject to a delivery from time to time for which no specific alternative delivery procedure applies, save where a Governmental Authority of competent jurisdiction orders or requires or Applicable Law so requires or the Clearing House provides its consent in writing.

10. ~~9.~~ INTERIM PAYMENTS: GASOIL

Where a Delivery Panel formed under ICE Futures Europe Rules directs that an interim payment or payments should be made pending a decision as to the price to be set for Invoicing Back, the Clearing House may make an interim payment to the affected Clearing Member of the amount specified in the direction of the Delivery Panel (or such other amount as the Clearing House, at its discretion, determines). If the Clearing House makes any such interim payment, an equivalent deduction from the Buyer's Security will be effected. Any amount to be paid as a result of the Delivery Panel's decision or direction shall be such amount due less any interim payment made or shall result in an obligation to repay all or part of any interim payment, as applicable, and further deduction to, or replenishment of, the Buyer's Security shall be effected by the Clearing House appropriately.

11. ~~10.~~ ICE BRENT FUTURES: CASH SETTLEMENT

ICE Brent Futures is a contract deliverable via EFP~~7~~ with an option to cash settle. Where the Notice to Cash Settle ICE Brent Futures or the Standing Notice to Cash Settle ICE Brent Futures is completed and submitted to the Clearing House by the relevant time as applicable to each notice, then the Rules on cash settlement set out in the Rules shall apply.

12. ~~11.~~ SIMILAR OBLIGATIONS UNDER DIFFERENT CONTRACTS

Where a Seller or a Buyer has delivery obligations under one or more Contracts that are not of the same Set but which result in a delivery obligation in respect of the same Commodity Deliverable at the same time, the Clearing House may notify the Seller (and its Transferor, if applicable) and the Buyer (and its

Transferee, if applicable) of their aggregated delivery obligations under the affected Contracts and, upon such notification, the Seller and Buyer shall be required to make and take delivery in respect of such aggregated delivery obligations instead of such other obligations as may otherwise have been required.

13. ~~12.~~INTERPRETATION

Words and phrases defined in the Rules or these Delivery Procedures bear the same meanings when used in any form or other document delivered pursuant to these Delivery Procedures.

The Clearing House may, from time to time, enter into clearing services arrangements with LIFFE in respect of LIFFE Contracts, pursuant to which the functions of the Clearing House (as designated in these Delivery Procedures) may be performed by LIFFE, and vice versa. Accordingly, references in these Delivery Procedures to the Clearing House may be interpreted as references to LIFFE in respect of such LIFFE Contracts, and vice versa, as circumstances require.

14. ~~13.~~REPORTS AND NOTIFICATIONS

Unless otherwise specified, the Clearing House will make the reports and confirmations it issues as part of the delivery processes available to the Clearing Members electronically, both via email and via the Clearing House Web Reporting Service (described in the Clearing House User Guide).

15. ~~14.~~LIABILITY, MARGIN, DEFAULT AND DISCIPLINARY

15.1 ~~14.1~~ The requirements relating to liability set out in the Rules apply equally in relation to deliveries. Without prejudice to the generality of, and subject to, the provisions of the Rules relating to liability:

- (a) it is the responsibility of Clearing Members to ensure that all forms are in place at the relevant time, and any failure or omission to ensure that they are in place that causes or contributes to the failure of any delivery may itself constitute a failure to deliver by the Clearing Member; and
- (b) upon any such failure or omission, the Clearing Member will be liable to the Clearing House for any cost, loss or expense of the Clearing House arising as a result of such failure or omission, which may include any delivery failure costs.

15.2 ~~14.2~~ The Clearing House may at any time make an additional Margin call as a result of any event or circumstance occurring in relation to a delivery.

15.3 ~~14.3~~ Notwithstanding the availability of any possible alternative or late delivery procedure, failure to comply with any requirement of these Delivery Procedures may constitute an Event of Default.

15.4 ~~14.4~~ Nothing in these Delivery Procedures shall preclude the Clearing House, in its discretion, from bringing disciplinary proceedings or levying a fine against a Clearing Member, including (without limitation) in respect of late or failed delivery.

15.5 Clearing Members are referred to Rule I.21 of the ICE Futures Europe Rules which provisions are, to the extent relevant to the Rules, incorporated herein.

15.6 ~~14.5~~ Nothing in these Delivery Procedures shall exclude any liability for fraud, death, personal injury or any liability which by law may not be excluded.

16. ~~15.~~PAYMENTS

All payments to and from Clearing Members pursuant to these Delivery Procedures shall take place to and from relevant Nominated Accounts as described in the Finance Procedures. Amounts due in respect of delivery obligations may be set off against or aggregated with other amounts due under the Rules, as described in the Finance Procedures.

17. LIFFE GUARDIAN

LIFFE Guardian is an electronic grading and delivery system which is used in the process of making and taking delivery of cocoa, coffee, wheat and white sugar (and bonds).

EMISSIONS ALTERNATIVE DELIVERY PROCEDURE ("EADP"): ICE ~~ECX~~-EUA, CER, AND ERU FUTURES AND ICE ~~ECX~~ EUA AND CER DAILY FUTURES

In the event of a failed delivery in respect of ICE ~~ECX~~-EUA, CER, or ERU Futures and ~~the ICE-ECX~~ EUA or CER Daily Futures, the relevant Clearing Member and the Clearing House may enter into a separate contract to make or take delivery beyond the point of failure in a manner and on terms pursuant to paragraph 6 of Part A below.

PART A: ~~PART A: ICE FUTURES-ECX FUTURES CONTRACT ("ICE-ECX EUA FUTURES CONTRACT ("ICE EUA FUTURES")), ICE FUTURES ECX-CER FUTURES CONTRACT ("ICE-ECX CER FUTURES") AND ICE FUTURES-ECX-EUA DAILY FUTURES CONTRACT ("ICE EUA DAILY FUTURES"), ICE FUTURES EUA AUCTION CONTRACT ("ICE EUA AUCTION CONTRACT"), ICE FUTURES EUAA FUTURES CONTRACT ("ICE EUAA FUTURES"), ICE FUTURES EUAA AUCTION CONTRACT ("ICE EUAA AUCTION CONTRACT"), ICE FUTURES CER FUTURES CONTRACT ("ICE CER FUTURES"), ICE FUTURES CER FUTURES DAILY CONTRACT ("ICE CER DAILY FUTURES"), AND ICE FUTURES ERU FUTURES CONTRACT ("ICE ECX-ERU FUTURES")~~

This part applies to deliveries of ICE ~~ECX~~-EUA Futures and Auction Contracts, ~~ICE-ECX-CER Futures Contracts, and ICE-ECX~~ (including the ICE EUA Daily Futures), ICE EUAA Futures and Auction Contracts, ICE CER Futures Contracts (including the ICE CER Daily Futures), and ICE ERU Futures Contracts traded under the rules of ICE Futures Europe. For the avoidance of doubt, the ~~three~~eight Contracts remain separate Contracts and the Transfer Request made to support the delivery of one of the Contracts needs to reference Allowances~~EUA, EUAAs~~, CERs, or ERUs only as specified under the definition of the relevant Contract.

1. DEFINITIONS

1.1 The following definitions apply to this part of the Delivery Procedures:

- (a) The term "~~Acquiring Registry~~" means, in relation to a Carbon Emissions Allowance Contract, ~~the Registry at which the Holding Account of the Buyer is maintained as specified in the relevant Carbon Emissions Allowance Transfer Request~~Account" means an account maintained by the Registry pursuant to the Registry Regulations in order to record the holding and transfer of Allowances, CERs or ERUs, as applicable to the relevant Contract Set.
- (b) The term "~~Annex I Country~~" means a party listed in Annex I of the Kyoto Protocol.Allowance Type" has the same meaning as that given to the term in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (c) The term "Auction" has the same meaning as that given to the term in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (d) The term "Auctioneer Seller" has the same meaning as that given to the term in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (e) The term "Aviation Emissions Allowance" or "EUAA" means an aviation allowance issued pursuant to Chapter II of the Emissions Directive to permit the emission of one tonne of carbon dioxide equivalent during the relevant period, which falls within an Allowance Type, and only to the extent such allowance is valid, as of the time of delivery to the Clearing House, for the purposes of meeting the requirements of the Emissions Directive.
- (f) The term "Aviation Emissions Allowance Contract" means a Contract for an Aviation Emissions Allowance.
- (g) The term "Aviation Emissions Allowance Transfer Request" means a request to effect a transfer of an Aviation Emissions Allowance submitted by the Seller to the Registry in the

manner required by the Registry Regulations or relevant applicable law and otherwise in accordance with the Rules and ICE Futures Europe Rules.

- (h) ~~(e)~~ The term "**Carbon Emissions Allowance**" or "**Allowance**~~EUA~~" means ~~a greenhouse gas emissions allowance under the Scheme~~an allowance issued pursuant to Chapter III of the Emissions Directive to permit the emission of one tonne of carbon dioxide equivalent during the relevant period, which falls within an Allowance Type and only to the extent such allowance is valid, as of the time of delivery to the Clearing House, for the purposes of meeting the requirements of the Emissions Directive.
- (i) ~~(d)~~ The term "**Carbon Emission Allowance Contract**" means a Contract for a Carbon Emissions Allowance.
- (j) ~~(e)~~ The term "**Carbon Emissions Allowance Transfer Request**" or "**Allowance Transfer Request**" means a request to effect a transfer of a Carbon Emissions Allowance ~~or Allowances~~ submitted by the Seller to the ~~Initiating~~Registry in the manner required by the Registry Regulations or relevant applicable law and otherwise in accordance with the Rules and ICE Futures Europe Rules.
- ~~(f) The term "**CDM Registry**" means the intergovernmental registry established by the CDM Executive Board to hold accounts for CERs.~~
- (k) ~~(g)~~ The term "**Certified Emission Reduction**" or "**CER**" means a unit issued by the UN Clean Development Mechanism Executive Board pursuant to Article 12 of the Kyoto Protocol and the ~~decision~~decisions adopted pursuant to the UNFCCC or the Kyoto Protocol and is equal to one ~~metric tonne of carbon dioxide equivalent~~Tonne of Carbon Dioxide Equivalent. For the avoidance of doubt, the term "CER" does not include any CERs that, as of any relevant date, have been cancelled by, or merely surrendered to, a Competent Authority to be exchanged for EUAs pursuant to Article 11a of the Emissions Directive or the Linking Directive.
- (l) ~~(h)~~ The term "**CER Contract**" means a Contract in relation to a CER.
- (m) ~~(i)~~ The term "**CER Delivery Amount**" means, for each Margin Account, an amount reflecting the gross number of CERs which are to be delivered by a Seller for any Delivery Period in respect of all CER Contracts to which it is party as Seller.
- (n) ~~(j)~~ The term "**CER Transfer Request**" means a request to effect a transfer of a CER submitted by the Seller to the ~~Initiating~~ Registry in the manner required by the Registry Regulations or relevant applicable law and otherwise in accordance with the Rules and ICE Futures Europe Rules.
- ~~(k) The term "**Clean Development Mechanism**" or "**CDM**" means the mechanism referred to in Article 12 of the Kyoto Protocol.~~
- (o) ~~(l)~~ The term "**Clearing House Directions**" means any instructions or requests that the Clearing House may issue to the Buyer or Seller from time to time in respect of the delivery of an ~~Allowance or~~EUA, EUAA, CER or ERU under an Emission Contract.
- (p) ~~(m)~~ The term "**Communication Link**", in relation to ~~Allowances~~EUAs, EUAAs, CERs and CERs, ERUs has the same meaning as that given to the term in the ICE Futures Europe Rules as applicable to EUAs, EUAAs, CERs or ERUs.
- (q) The term "**Community Independent Transaction Log**" or "**CITL**" means the predecessor log to the EUTL established pursuant to Commission Regulation (EC) No 2216/2004 for a standardised and secured system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council.

- (r) ~~The term "**Competent Authority**" means the authority or authorities designated by a Member State pursuant to Article 18 of the Emissions Directive.~~
- (s) ~~(n)~~ The term "**Contract Date**" means for an ICE ~~ECX~~-EUA and CER Daily Futures Contract, an individual Business Day on which: (a) trading commences; (b) trading ceases; and (c) the Delivery Period commences for those trades executed on that Business Day_;
- (t) ~~(o)~~ The term "**Delivery Costs**" has the same meaning as that given to the term in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (u) ~~(p)~~ The term "**Emissions Alternative Delivery Procedure**" or "**EADP**" means the circumstances and means by which delivery may be effected in accordance with paragraph 6 of this Part A.
- (v) ~~(q)~~ The term "**EADP Agreement**" means an agreement to adopt an EADP.
- ~~(r)~~ ~~The term "**Eligibility Criteria**" shall have the meaning set out in the ICE Futures Europe Contract Rules.~~
- (w) ~~(s)~~ The term "**Emission Contracts**" where used in this ~~part~~Part A, shall mean ICE ~~ECX~~-EUA, ~~CER~~-EUA or EUAA Futures or Auction Contracts, ICE CER and ERU Futures Contracts and/or ICE ~~ECX~~ EUA and CER Daily Futures Contracts, as the case may be, to be delivered pursuant to and in accordance with this Part A.
- (x) ~~(t)~~ The term "**Emissions Directive**" means Directive 2003/87/EC of the European Parliament and the Council of 13 October 2003 establishing a scheme for greenhouse gas emissions allowance trading and amending Council Directive 96/61/EC, as amended from time to time_; including, without limitation, by Directive 2009/29/EC of the European Parliament and of the Council of 23 April 2009.
- (y) ~~(u)~~ The term "**Emission Reduction Unit**" or "**ERU**" means a unit issued pursuant to Article 6 of the Kyoto Protocol and the decisions adopted pursuant to the UNFCCC ~~to~~or the Kyoto Protocol and is equal to one ~~metric~~-tonne of carbon dioxide equivalent ~~gas~~. For the avoidance of doubt, the term "ERU" does not include any ERUs that, as of any relevant date, have been cancelled by, or merely surrendered to, a Competent Authority to be exchanged for EUAs pursuant to Article 11a of the Emissions Directive or the Linking Directive.
- (z) ~~(v)~~ The term "**ERU Contract**" means a Contract in relation to an ERU.
- (aa) ~~(w)~~ The term "**ERU Delivery Amount**" means, for each Margin Account, an amount reflecting the gross number of ERUs which are to be delivered by a Seller for any Delivery Period in respect of all ERU Contracts to which it is party as Seller.
- (bb) ~~(x)~~ The term "**ERU Transfer Request**" means a request to effect a transfer of an ERU submitted by the Seller to the ~~Initiating~~-Registry in the manner required by the Registry Regulations or relevant applicable law and otherwise in accordance with the Rules and ICE Futures Europe Rules.
- ~~(y)~~ ~~The term "**Initiating Registry**" means, in relation to a CER, ERU, or Allowance, the Registry at which the Holding Account of the Seller is maintained from which the transfer of Allowances, CERs, or ERUs (as applicable) is to be made, as specified in the relevant applicable Transfer Request.~~
- ~~(z)~~ ~~The term "**Joint Implementation**" or "**JI**" means the mechanism referred to in Article 6 of the Kyoto Protocol.~~

- (cc) "European Union Transaction Log" or "EUTL" means the independent transaction log provided for in Article 20(1) of the Directive, for the purpose of recording the issue, transfer and cancellation of allowances under the Scheme and established, operated and maintained pursuant to Article 4 of the Registry Regulations.
- (dd) ~~(aa)~~ The term "Kyoto Protocol" shall have the same meaning as set out in the ICE Futures Europe ~~Contract~~ Rules.
- (ee) ~~(bb)~~ The term "Linking Directive" shall have the same meaning as set out in the ICE Futures Europe ~~Contract~~ Rules.
- (ff) ~~(cc)~~ The term "Non-Business Day" means a Clearing Day that is a public holiday in England.
- ~~(dd) The term "Non-Eligible Registry" shall have the meaning set out in the ICE Futures Europe Contract Rules.~~
- ~~(ee) The term "Person Holding Account" means a holding account maintained by a Registry pursuant to the Registry's regulations or relevant applicable law in order to record the holding and transfer of Allowances, CERs, or ERUs. A Clearing Member must hold one or more Holding Accounts for the holding and transfer of Allowances, CERs, and ERUs.~~
- (gg) ~~(ff)~~ The term "Registry Regulations" means ~~the EU, in each case, as applicable and as amended from time to time: (1) Commission Regulation (EC) No. 2216/2004 920/2010 of 7 October 2010 for a standardised and secured systems~~ system of registries pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision No 280/2004/EC of the European Parliament and of the Council, ~~as amended from time to time, including by EU Commission Regulation (EC) No. 916/2007 and (2) Commission Regulation (EU) No 1193/2011 of 18 November 2011 establishing a Union Registry for the trading period commencing on 1 January 2013, and subsequent trading periods, of the Union emissions trading scheme pursuant to Directive 2003/87/EC of the European Parliament and of the Council and Decision No 280/2004/EC of the European Parliament and of the Council and amending Commission Regulations (EC) No 2216/2004 and (EU) No 920/2010.~~
- (hh) ~~(gg)~~ The term "Registry" (i) in respect of an Allowance, ~~means any registry established in order to ensure the accurate accounting of the issue or holding, transfer, acquisition, surrender, cancellation and replacement of Allowances under the Scheme, which has been identified as a Registry by ICE Futures Europe from time to time; and (ii) in respect of a CER or ERU, means any registry, (a) in an EU Member State meeting the Eligibility Criteria and which has implemented the Linking Directive in a manner that authorises private persons to hold CERs or ERUs and has Person Holding Accounts~~ EUA, EUAA, CER or ERU, means the single Union registry established pursuant to the Registry Regulations in order to ensure the accurate accounting of the issue or holding, transfer, acquisition, surrender, cancellation, and replacement of EUAs, EUAAs, CERs or ERUs under the Scheme; or, (b) in an Annex I Country that is not an EU Member State meets the Eligibility Criteria and has in place laws that authorise private persons to hold CERs or ERUs and has Person Holding Accounts established in order to ensure the accurate accounting of the issue of holding, transfer, acquisition, surrender, cancellation, and replacement of CERs or ERUs under relevant applicable law, and which has been identified as a Registry by ICE Futures Europe from time to time provided however that, where the Clearing House identifies a Non-Eligible Registry which it will use for a contract month, any reference to a Registry shall mean the identified Non-Eligible Registry and ERUs under the Scheme.
- (ii) ~~(hh)~~ The term "Scheme" means the scheme for transferring ~~allowances (including EUAs, EUAAs, CERs and ERUs)~~ established pursuant to the Emissions Directive, as implemented by relevant national law.

- (j) ~~(ii)~~ The term "**Transfer Request**" means an Allowance Transfer Request, a CER Transfer Request, or an ERU Transfer Request, as the case may be.
- (kk) The term "**Transfer Request Delay**" shall have the same meaning as set out in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (ll) The term "**Transfer Request Failure**" shall have the same meaning as set out in the ICE Futures Europe Rules, as applicable to the relevant Contract Set.
- (mm) ~~(jj)~~ The term "**UNFCCC Independent Transaction Log**" means the independent transaction log established, operated and maintained by the Secretariat of the United Nations Framework Convention on Climate Change.

2. DELIVERY SPECIFICATION

2.1 Delivery

Deliveries under Emissions Contracts are effected upon:

- (a) in the case of the Seller effecting delivery, the completion of the transfer of the relevant EUAs, the relevant EUAAs, the relevant CERs, or the relevant ERUs, as the case may be, from the relevant Account of the Seller, to the relevant Account of the Clearing House; and
- (b) ~~(a) in the case of the Seller effecting delivery,~~ in the case of the Buyer taking delivery, the completion of the transfer of the relevant Allowances, the relevant CERs, or the relevant ERUs, as the case may be, from the relevant ~~Holding Account of the Seller, to the relevant Holding Account of the Clearing House; and~~
- ~~(b) in the case of the Buyer taking delivery, the completion of the transfer from the relevant Holding Account of the Clearing House to the relevant Holding Account of the Buyer, maintained in one or more Registries determined by ICE Futures Europe~~ Account of the Clearing House to the relevant Account of the Buyer.

This takes place during the Delivery Period for the relevant Emissions Contracts in accordance with ICE Futures Europe Rules. Neither delivery by the Buyer nor receipt of the delivery by the Seller requires performance by the other to occur simultaneously. Each of the Buyer and Seller should deal directly with the Clearing House.

2.2 ~~Allowances~~ EUAs, EUAAs, CERs, and ERUs

~~Allowances~~ EUAs, EUAAs, CERs, or ERUs to be delivered shall conform to the specifications described in ICE Futures Europe Rules and the specifications of the ~~Registries~~ Registry to and from which delivery may be made under the relevant Contract.

~~(a) Quantity~~

~~ICE ECX Futures Contracts are for one or more lots of Allowances to be delivered during the Delivery Period as specified in the ICE Futures Europe Rules. Where a lot refers to 1000 Allowances, each such Allowance is an entitlement to emit one metric tonne of carbon dioxide equivalent gas.~~

~~ICE ECX CER Futures Contracts are for one or more lots of CERs to be delivered during the Delivery Period as specified in the ICE Futures Europe Rules, it being understood that one lot refers to 1000 CERs.~~

~~ICE ECX ERU Futures Contracts are for one or more lots of ERUs to be delivered during the Delivery Period as specified in the ICE Futures Europe Rules, it being understood that one lot refers to 1000 ERUs.~~

~~(b) — Price~~

The price at which ~~the Emission Contract is delivered is the EDSP~~an Emission Contract (other than an ICE EUA Auction Contract, an ICE EUAA Auction Contract or an ICE EUA Futures Contract arising pursuant to an auction) is delivered is the MDSP (as defined and determined in accordance with the relevant ICE Futures Europe Rules) for the relevant contract month of the relevant Emission Contract on the last day of trading. The price at which an ICE EUA Auction Contract, ICE EUAA Auction Contract or ICE EUA Futures Contract arising pursuant to an Auction is delivered is the Auction Clearing Price as defined and determined in accordance with the relevant ICE Futures Europe Rules.

2.3 Cessation of Trading

(a) Trading for the ICE ~~ECX~~-EUA, EUAA, CER, and ERU Futures Contract contract month will normally cease on the last Monday of that month. Where this falls on a Non-Business Day for the ~~contract~~relevant Emission Contract, or there is a Non-Business Day for the ~~contract~~relevant Emission Contract in the four days immediately following the last Monday, the last trading day shall be the penultimate Monday of the delivery month. Where the penultimate Monday of the delivery month falls on a Non-Business Day for the ~~contract~~relevant Emission Contract, or there is a Non-Business Day for the ~~contract~~relevant Emission Contract in the four days immediately following the penultimate Monday, the last trading day shall be the antepenultimate Monday of the delivery month. A list of dates, subject to amendment, is available from ICE Futures Europe.

~~(b)~~ For the avoidance of doubt paragraph (a) above does not apply to the ICE EUA Auction Contract or the ICE EUAA Auction Contract.

~~(c)~~ ~~(b)~~-Trading for the ICE-~~ECX~~ EUA and CER Daily Futures Contracts shall normally cease at 17.00 hours on the relevant Contract Date.

2.4 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

(a) In accordance with ICE Futures Europe Rules, EFPs and EFSs in respect of the ICE ~~ECX~~-EUA, EUAA, CER, and ERU Futures Contracts may be posted on TRS up to 30 minutes following the cessation of trading.

~~(b)~~ For the avoidance of doubt paragraph (a) above does not apply to the ICE EUA Auction Contract or the ICE EUAA Auction Contract.

~~(c)~~ ~~(b)~~-In relation to the ICE-~~ECX~~ EUA and CER Daily Futures Contracts, EFPs and EFSs:

- (i) can only be registered until 17:00 each Business Day;
- (ii) which have been alleged but not accepted will be cleared from ICE Block overnight; and,
- (iii) which are outstanding at the end of a Business Day must be re-submitted to the Exchange on the next Business Day.

3. LIABILITY

3.1 The provisions of this paragraph 3 are without prejudice to the generality, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.

3.2 The Clearing House ~~is not responsible for, and/or~~ shall have no liability ~~whatsoever as a result of, the performance or non-performance of any Registry, Initiating Registry or UNFCCC Independent Transaction Log~~ in connection with an Emission Contract, its performance, non-performance or its termination whether based on breach of contract, warranty, negligence or tort or the performance or non-performance of any Auctioneer Seller. In particular, but without limitation, the Clearing House is not responsible for or shall have any liability whatsoever to any Buyer or Seller for:

- (i) the availability, suitability, unavailability or malfunction of a Communication Link or any part thereof;
- (ii) the performance or non-performance by the Registry, CITL or EUTL, as the case may be, or UNFCCC International Transaction Log of their respective obligations under the Registry Regulations or otherwise;
- (iii) the validity or non-validity of any EUA, EUAA, CER or ERU for the purposes of meeting the requirements of the Directive;
- (iv) any act or omission of any operator of a Communication Link or any part thereof;
- (v) any act or omission of an Authorised Representative of any other party;
- (vi) the actions, omissions, performance or non-performance of any Auctioneer Seller, Auction Monitor, the European Commission, the Central Administrator or any Competent Authority or Governmental Authority, including the failure of any Auctioneer Seller to create any EUA or EUAA or transfer or procure the transfer of the same to the Clearing House; or
- (vii) the Auctioneer Seller or the Auction Monitor being wound up, dissolved, liquidated, merged or otherwise ceasing to exist or ceasing to be an auctioneer appointed pursuant to Article 22(1) of the Auctioning Regulation or an auction monitor appointed pursuant to Article 24 of the Auctioning Regulation, as applicable, for Auctions.

3.3 Neither the Buyer nor the Seller shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the performance or non-performance of ~~any~~the Registry, ~~Initiating Registry~~the CITL or EUTL, as the case may be or the UNFCCC Independent Transaction Log except as otherwise expressly provided in the ICE Futures Europe Rules or the Rules.

4. DELIVERY TIMETABLE FOR EMISSION CONTRACTS: ROUTINE

4.1 ICE-~~ECX~~ EUA, EUAA, CER, and ERU Futures Contracts

Unless stated otherwise, the times apply to ICE ~~ECX~~EUA Futures Contracts and ICE EUAA Futures Contracts (other than ICE EUA Auction Contracts and ICE EUAA Auction Contracts), ICE-~~ECX~~ CER Futures Contracts, and ICE-~~ECX~~ ERU Futures Contracts. Note that some events may occur up to 24 hours earlier, due to the Registry often performing in advance of the 24 hour period allowed under the Registry Regulations.

	TIME	ACTION
		15 days <u>10 Business Days</u> prior to last trading day <u>the relevant Contract Date (or such shorter period as the Exchange or Clearing House may consider appropriate).</u>
Submission of the ICE ECX Person — Holding<u>Registry Account Notification Form</u>	10:30	Buyer and Seller send <u>must each submit</u> an ICE ECX Person Holding <u>Registry</u> Account Notification <u>Form</u> to the Clearing House.

	TIME	ACTION
	Last trading day (LTD)	
Cessation of Trading	At 17:00	Trading ceases.
	By 17:30	EFPs and EFSs may be posted up to 30 minutes following the cessation of trading.
	By 18:00	Clearing Members must ensure that all assignments, settlements and transfers are performed via TRS and CPSECS . Clearing Members with Open Contract Positions at this time are obliged to make or take delivery.
	At 18:00	HIT report available on CPS Crystal.
	LTD + 1	
Submission of ICE ECX Monthly Delivery Confirmation Form	By 10 09:00	Seller and Buyer must submit <u>pays full contract value</u> to the Clearing House the ICE ECX Monthly Delivery Confirmation Form .
Payment by Buyer	By 09:00	Buyer pays full contract value to the Clearing House <u>Invoices are available as a report on Crystal</u> .
	By 09:00	Invoices are available as a report on ICE Reporting <u>Seller and Buyer must submit to the Clearing House the ICE Monthly Delivery Confirmation Form</u> .
Deadline for submission of Transfer Requests by Sellers	By 19:00	<p>Seller must ensure that the necessary Transfer Requests (as contained in the ICE ECX Monthly Delivery Confirmation Form) have been made through the Communication Link to the relevant Registries <u>Registry</u> to allow Allowances <u>EUAs, EUAAs, CERs, or ERUs</u>, as applicable, to be transferred from the Holding Account of the Seller to the Holding Account of the Clearing House.</p> <p>Transfer Requests made by the Seller before this time will, pursuant to Registry Regulations, result in Allowances <u>EUAs, EUAAs, CERs, or ERUs, as applicable</u>, being received in the appropriate Holding Account of the Clearing House no later than 24 hours after the submission of the Transfer Request by the Seller.</p> <p>On receipt from the Seller of Allowances <u>EUAs, EUAAs, CERs, or ERUs</u>, as applicable, into the appropriate Holding Account of the Clearing House, the Clearing House will randomly select the order in which it will make the Transfer Requests (as contained in the Buyer's ICE ECX Monthly Delivery Confirmation Form as applicable) and make such Transfer Requests through the Communication Link to the relevant Registries <u>Registry</u> for Allowances <u>EUAs, EUAAs, CERs, or ERUs</u>, as applicable, to be transferred from the appropriate Holding Account of the Clearing House to the appropriate Holding Account of the Buyer.</p> <p>This means that Buyers may receive Allowances <u>EUAs, EUAAs, CERs, or ERUs</u>, as applicable, in their appropriate Holding Accounts on LTD + 1.</p>

	TIME	ACTION
	LTD + 2	
Payment for AllowancesEUAs, EUAAs, CERs, or ERUs received by the Clearing House on LTD + 1	By 09:00	Sellers receive full contract value against AllowancesEUAs, EUAAs, CERs, or ERUs <u>as applicable</u> , received by the Clearing House on LTD +1.
	By 09:00	Account Sales will be available as a report on ICE ReportingCrystal .
Deadline for receipt of AllowancesEUAs, EUAAs, CERs, or ERUs by the Clearing House	By 19:00	The Clearing House will have received AllowancesEUAs, EUAAs, CERs, or ERUs <u>as applicable</u> into its Holding -Account from the Sellers.
Deadline for submission of Transfer Requests by the Clearing House	By 19:30	All Transfer Requests by the Clearing House will have been made through the Communication Link to the relevant RegistriesRegistry for AllowancesEUAs, EUAAs, CERs, or ERUs <u>as applicable</u> , to be transferred from the Holding -Account of the Clearing House to the Holding -Account of the Buyer.
	LTD + 3	
Payment for AllowancesEUAs, EUAAs, CERs, or ERUs received by the Clearing House on LTD + 2	By 09:00	Seller receives full contract value against AllowancesEUAs, EUAAs and/or CERs and/or ERUs received by the Clearing House on LTD +2.
Deadline for receipt of AllowancesEUAs, EUAAs, CERs, or ERUs by the Buyer	By 19:30	Buyer will have received AllowancesEUAs and/or EUAAs and/or CERs and/or ERUs into their Holding -Accounts.

4.2 ICE ~~ECX~~ EUA and CER Daily Futures Contracts

	TIME	ACTION
<u>Submission of ICE Registry Account Notification Form</u>	<u>10 Business Days prior to the relevant Contract Date (or such shorter period as the Exchange or Clearing House may consider appropriate).</u>	
		<u>Buyer and Seller must each submit an ICE Registry Account Notification Form to the Clearing House.</u>
	Contract Date	
Cessation of Trading	At 17:00	Trading ceases.
		All EFPs and EFSs which have been alleged but not accepted will be cleared from ICE Block.
	By 17:45	Clearing Members must ensure that all assignments, settlements and transfers are performed via TRS and CPSECS .

	TIME	ACTION
		Clearing Members with Open Contract Positions at this time are obliged to make or take delivery.
	At 18:00	HIT report available on CPSCrystal .
Submission of ICE ECX Daily Delivery Confirmation Form	By 18:15	Seller and Buyer must <u>each</u> submit to the Clearing House the ICE ECX -Daily Delivery Confirmation Form.
Contract Date + 1		
Payment by Buyer	By 09:00	Buyer pays full contract value to the Clearing House. Seller pays Seller Security to the Clearing House
	By 09:00	Invoices are available as a report on ICE-ReportingCrystal .
Deadline for receipt of AllowancesEUAs or CERs by the Clearing House	By 18:30	<p>Seller must ensure that the necessary AllowancesEUAs or CERs, as applicable, have been transferred from the Holding-Account of the Seller to the Holding-Account of the Clearing House.</p> <p>On receipt from the Seller of AllowancesEUAs or CERs, as applicable, into the appropriate Holding-Account of the Clearing House, the Clearing House will randomly select the order in which it will make the Transfer Requests (as contained in the Buyer's ICE ECX-Daily Delivery Confirmation Form as applicable) and make such Transfer Requests through the Communication Link to the relevant-RegistriesRegistry for AllowancesEUAs or CERs, as applicable, to be transferred from the appropriate Holding-Account of the Clearing House to the appropriate Holding-Account of the Buyer.</p> <p>This means that Buyers may receive AllowancesEUAs or CERs, as applicable, in their appropriate Holding-Accounts on Contract Date + 1.</p>
Contract Date + 2		
Payment for AllowancesEUAs or CERs received by the Clearing House on Contract Date + 1	By 09:00	<p>Sellers receive full contract value against AllowancesEUAs or CERs received by the Clearing House on Contract Date + 2<u>1</u>.</p> <p>The Clearing House will release the Seller Security<u>security</u> received on Contract Date +1 to the Seller.</p>
	By 09:00	Account Sales will be available as a report on ICE-ReportingCrystal .
Deadline for receipt of AllowancesEUAs or CERs by the Buyer	By 19:00	Buyer will have received AllowancesEUAs and/or CERs into their Holding -Accounts from the Clearing House.

4.3 ICE EUA and EUAA Auction Contracts

	<u>TIME</u>	<u>ACTION</u>
	<u>10 Business Days prior to the relevant Auction (or such shorter period as the Exchange or Clearing House may consider appropriate).</u>	
<u>Deadline for notification of Registry Account details</u>	Buyer must submit an ICE Registry Account Notification Form to the Clearing House, and, where applicable, submission by Exchange Members of an Auction Participant List to the Exchange.	
	<u>Day of Auction (A)</u>	
<u>Deadline for Auctioneer Seller to withdraw Auction</u>	Prior to opening of Bidding Window (as defined in the ICE Futures Europe Rules).	EUAs and EUAAs, as applicable will be delivered to the Clearing House by the Auctioneer Seller prior to the opening of the Bidding Window.
<u>Deadline for submission of bids</u>	As specified in relevant Auction Specification (" <u>Closing Time</u> ")	Bids may be submitted during the Bidding Window (as defined in the ICE Futures Europe Rules).
<u>Deadline for delivery of EUA or EUAA Auction Delivery Confirmation Form</u>	Closing Time +15 minutes	Successful Buyers will have been notified of EUAs and EUAAs, as applicable, obtained in the relevant Auction and all applicable payment obligations.
	By 11:00	Buyer must submit to the Clearing House the EUA or EUAA Auction Delivery Confirmation Form as applicable.
	By 11:15	HIT report available on Crystal.
	<u>A + 1</u>	
<u>Payment by Buyer</u>	By 09:00	Buyer pays full contract value to the Clearing House.
	By 09:00	Invoices and Account Sales are available as a report on Crystal
<u>Deadline for submission of Transfer Requests by the Clearing House</u>	By 19:30	<p>Auctioneer Seller receives full contract value against EUAs or EUAAs, as applicable, received by the Clearing House prior to the relevant Auction.</p> <p>The Clearing House will randomly select the order in which it will make Transfer Requests (as contained in the Buyer's EUA or EUAA Monthly Delivery Confirmation Form, as applicable) and make such Transfer Requests through the Communication Link to the Registry for EUAs or EUAAs, as applicable, to be transferred from the appropriate Account of the Clearing House to the appropriate Account of the Buyer.</p> <p>Transfer Requests made by the Clearing House before this time will, pursuant to Registry Regulations, result in EUAs or EUAAs being received in the appropriate Account of the</p>

	<u>TIME</u>	<u>ACTION</u>
		<u>Clearing House no later than 26 hours after the submission of the Transfer Request by the Seller.</u>
		<u>A + 2</u>
<u>Delivery of EUAs and EUAAs to Buyer Account</u>	<u>By 19:30</u>	<u>Buyer will have received EUAs or EUAAs, as applicable, into relevant Account.</u>

5. DELIVERY TIMETABLE FOR EMISSION CONTRACTS: LATE AND FAILED DELIVERY

5.1 ICE ~~ECX~~ EUA, EUAA, CER, and ERU Futures Contracts

Unless stated otherwise, the times apply to ICE ~~ECX~~ Futures Contracts, ICE ~~ECX~~ CER Futures Contracts, and ICE ~~ECX~~ ERU Futures Contracts.

<u>TIME</u>	<u>ACTION</u>
LTD + 1	
Between 19:00 and 19:00 on LTD+2	Where a Transfer Request has been submitted by the Seller after 19:00 hours on the first Business Day following the last day of trading, but before 19:00 hours on the second Business Day after the last day of trading, in compliance with a Clearing House Direction or otherwise, the Seller shall advise the Clearing House immediately of such submission. The Clearing House may, in its discretion, declare and notify to the Seller and the Exchange that the Clearing Member is subject to a Late Delivery <u>Transfer Request Delay</u> .
LTD + 2	
At 19:00	Where a Transfer Request has not been submitted by the Seller, or has been submitted but such Transfer Request has not been accepted by the Registry by 19:00 hours on the second Business Day after the last day of trading, the Seller shall advise the Clearing House immediately of such non-submission, or nonacceptance <u>non-acceptance</u> . The Clearing House may, in its discretion, declare that the Clearing House or the Seller, as appropriate, has failed to meet its delivery obligations and that there is a Failed Delivery <u>Transfer Request Failure</u> .
LTD + 3	
At 19:30	Where a Transfer Request has not been submitted by the Clearing House or has been submitted but not accepted or actioned by the Registry by 19:30 hours on the third Business Day after the last day of trading, the Clearing House shall advise the Buyer immediately of such non-submission, non-acceptance or non-action. The Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, is subject to a Late Delivery <u>Transfer Request Delay</u> and may: <p>(a) take, or require the Buyer to take, such steps as appropriate to rectify the situation in compliance with any Clearing House Directions which allow for Allowances<u>EUAs or EUAAs</u> to be delivered by such time (which shall not be a time after 19:30 hours on the fourth Business Day after the last day of trading in relation to the relevant Transfer). In the event that the Buyer's Holding-Account has not been credited by 19:30 hours on the fourth Business Day after the last day of trading in relation to the relevant Transfer, the Clearing House shall declare that there is a Failed Delivery<u>Transfer Request Failure</u>; or</p>

	(b) declare that the Clearing House or the Buyer or Seller, as appropriate, has failed to meet its delivery obligations and that there is a Failed-Delivery Transfer Request Failure .
LTD + 4	
At 19:30	Where the Buyer's Holding Account has not been credited by 19:30 hours on the fourth Business Day after the last day of trading, the Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, has failed to meet its delivery obligations and that there is a Failed-Delivery Transfer Request Failure .

5.2 ICE ~~ECX~~ EUA and CER Daily Futures Contracts

TIME	ACTION
Contract Date + 1	
At 18:30	Where the Holding Account of the Clearing House has not been credited by 18:30 hours on the first Business Day after the Contract Date, the Clearing House shall declare and notify to the Seller and the Exchange that the Member is subject to a Late Delivery Transfer Request Delay .
Contract Date + 2	
At 18:30	Where the Holding Account of the Clearing House has not been credited by 18:30 hours on the second Business Day after the Contract Date, the Clearing House shall declare that the Clearing House or the Seller, as appropriate, has failed to meet its delivery obligations and that there is a Failed-Delivery Transfer Request Failure .
At 19:00	<p>Where a Transfer Request has not been submitted by the Clearing House or has been submitted but not accepted or actioned by the Registry by 19:00 hours on the second Business Day after the Contract Date, the Clearing House shall advise the Buyer immediately of such non-submission, non-acceptance or non-action. The Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, is subject to a Late-DeliveryTransfer Request Failure and may:</p> <p>(a) take, or require the Buyer to take, such steps as appropriate to rectify the situation in compliance with any Clearing House Directions which allow for Allowances to be delivered by such time (which shall not be a time after 19:00 hours on the third Business Day after the Contract Date in relation to the relevant Transfer). In the event that the Buyer's Holding Account has not been credited by 19:00 hours on the third Business Day after the Contract Date in relation to the relevant Transfer, the Clearing House shall declare that there is a Failed DeliveryTransfer Request Failure; or</p> <p>(b) declare that the Clearing House or the Buyer or Seller, as appropriate, has failed to meet its delivery obligations and that there is a Failed-DeliveryTransfer Request Failure.</p>
Contract Date + 3	
At 19:00	Where the Buyer's Holding Account has not been credited by 19:00 hours on the third Business Day after the Contract Date, the Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, has failed to meet its delivery obligations and that there is a Failed-Delivery Transfer Request Failure .

5.3 [ICE EUA and EUAA Auction Contracts](#)

<u>TIME</u>	<u>ACTION</u>
<u>A+2</u>	
<u>At 19:30</u>	<p><u>Where a Transfer Request has not been submitted by the Clearing House or has been submitted but not accepted or actioned by the Registry by 19:30 hours on the second Business Day after the Contract Date, the Clearing House shall advise the Buyer immediately of such non-submission, non-acceptance or non-action. The Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, is subject to a Transfer Request Delay and may:</u></p> <p><u>(a) take, or require the Buyer to take, such steps as appropriate to rectify the situation in compliance with any Clearing House Directions which allow for EUAs or EUAAs to be delivered by such time (which shall not be a time after 19:30 hours on the fourth Business Day after the Contract Date in relation to the relevant Transfer). In the event that the Buyer's Account has not been credited by 19:30 hours on the fourth Business Day after the Contract Date in relation to the relevant Transfer, the Clearing House shall declare that there is a Transfer Request Failure; or</u></p> <p><u>(b) declare that the Clearing House or the Buyer, as appropriate, has failed to meet its delivery obligations and that there is a Transfer Request Failure.</u></p>
<u>A+4</u>	
<u>At 19:30</u>	<p><u>Where the Buyer's Account has not been credited by 19:00 hours on the fourth Business Day after the Contract Date, the Clearing House may, in its discretion, declare that the Clearing House or the Buyer, as appropriate, has failed to meet its delivery obligations and that there is a Transfer Request Failure.</u></p>

In the event of a ~~Late Delivery or Failed Delivery~~Transfer Request Delay or Transfer Request Failure by the Seller/Buyer (including the Clearing House), the Seller or Buyer (whichever is responsible) shall indemnify the Buyer or Seller (whichever is not responsible) in respect of all and any Delivery Costs attributable to that ~~Late Delivery or Failed Delivery~~Transfer Request Delay or Transfer Request Failure, provided that, in the case of an ICE EUA Auction Contract or ICE EUAA Auction Contract, and in accordance with Article 48 of the Auctioning Regulation (as defined in the ICE Futures Europe Rules), the Buyer shall not be indemnified by the Clearing House for a Transfer Request Delay or Transfer Request Failure, as applicable, due to circumstances outside its control or a Force Majeure Event.

6. EMISSIONS ALTERNATIVE DELIVERY PROCEDURE ("EADP")

- 6.1 In the event of a ~~Failed Delivery~~Transfer Request Failure relating to Emission Contracts other than the ICE EUA Auction Contract and the ICE EUAA Auction Contract, the relevant Clearing Member may seek agreement of the Clearing House to make or take delivery beyond the point of failure (see prescribed "Emissions: Late & Failed Deliveries Timetable" in ICE User Guide and above) in a manner and on terms other than those required pursuant to the ICE Futures Europe Rules. The purpose of the EADP is to afford flexibility to Clearing Members in circumstances where it is envisaged that delivery will be possible but not within the prescribed timetable. Failure to deliver in accordance with ICE Futures Europe Rules and this Part A may nonetheless attract disciplinary action or a fine by ICE Futures Europe and/or the Clearing House notwithstanding any subsequent delivery in accordance with an EADP Agreement.
- 6.2 Each Clearing Member that enters into an EADP Agreement shall, pursuant to these Delivery Procedures, and without need for any further action on the part of the relevant Clearing Member or the Clearing House, be deemed to have agreed to indemnify the Clearing House in respect of all and any of the Clearing House's costs, losses, charges and expenses incurred by the Clearing House in connection with the EADP, including, without limitation, any costs, losses, charges and expenses incurred as a result of a

failure on the part of the Clearing Member to meet its obligations under an EADP Agreement and the Clearing House's staff, operational and legal costs associated with the EADP.

- 6.3 In the event that a Clearing Member and the Clearing House enter into an EADP Agreement, the existing Contract will be liquidated on the basis of the Market Delivery Settlement Price. Delivery under an EADP Agreement will be subject to the requirements (including the indemnity) set out in this paragraph 6.3, the same Contract Terms as the Contract(s) replaced as a result of the EADP Agreement (subject to such new terms as are agreed in relation to any matter, which may (without limitation) include new terms in respect of price, delivery times or ~~Commodity~~Deliverable), any directions the Clearing House may in its discretion issue and the terms of the EADP Agreement. A new Contract or Contracts shall arise pursuant to Part 4 of the Rules as a result of EADP being agreed.
- 6.4 Where EADP is agreed, as from the time that the Clearing Members' accounts are amended, as described in the EADP in the books and records of the Clearing House, the affected Clearing Members and the Clearing House shall all automatically and immediately be released from all their rights, liabilities and obligations in respect of the Contract or Contracts that gave rise to the EADP and such rights, liabilities and obligations shall be substituted for such amended obligations as are detailed in the EADP Agreement.
- 6.5 In the event that the Clearing Member and Clearing House are unable to enter into an EADP Agreement or effect delivery under EADP by the close of business on the Business Day following the day of the Failed Delivery, the Clearing House will refer the matter to ICE Futures Europe and Invoice Back affected Contracts and may itself begin disciplinary proceedings, levy a fine, call additional Margin or declare an Event of Default.

7. INVOICE CALCULATION

The Invoice and Account Sale Report will give details of all deliveries and amounts due to Sellers and payable by the Buyers in respect of deliveries of ~~Allowances~~EUAs, EUAAs, CERs or ERUs, as applicable.

The value of confirmed deliveries of ~~Allowances~~EUAs, EUAAs, CERs and ~~CERs~~ERUs will be calculated as follows:

$$\begin{matrix} \text{Allowances} \text{EUAs,} \\ \text{EUAAs, CERs or} \\ \text{ERUs} \end{matrix} \quad \times \quad \begin{matrix} \text{Market Delivery Settlement Price on last day of trading for the relevant} \\ \text{Contract month (~~EDSP~~MDSP) of the relevant Contract or Auction} \\ \text{Clearing Price, where applicable} \end{matrix}$$

8. DELIVERY DOCUMENTATION SUMMARY

8.1 ICE ~~ECX~~ EUA, EUAA, CER and ERU Futures Contracts

ICE ECX <u>Person Holding</u> Registry Account Notification <u>Form</u>	Buyers and Sellers must send <u>each submit</u> this report <u>form</u> to the Clearing House by 10:30 hours on the day which is 15 days prior to the last trading day. <u>10 Business Days prior to the relevant Contract Date (or such shorter period as the Exchange or Clearing House may consider appropriate).</u> The report indicates whether the Clearing Member has a Holding <u>an</u> Account for each Margin account at at the Registry, the appropriate Holding Account numbers and the Authorised Persons for Holding Account(s).
ICE ECX <u>Monthly</u> Delivery Confirmation Form	Buyers and Sellers must <u>each</u> submit this form to the Clearing House by 10:00 hours on the day following the last day of trading. It includes the following details: the number of lots that are to be specified in each transfer request <u>Transfer Request</u> for a Margin account; details of each Holding Account and Initiating/Acquiring Registry from/to which each transfer request <u>Transfer Request</u> will be made; name and contact

	<p>details of the Authorised Representative in respect of each Holding Account specific to each transfer request <u>Transfer Request</u>; confirmation that the Clearing Member will continue to have the relevant Holding Accounts during the Delivery Period at each of the Initiating/Acquiring Registries <u>the Registry</u> and is not for any reason prevented from having transfer requests <u>Transfer Requests</u> accepted and not subsequently rejected or not actioned; and is not for any reason prevented from having the Holding Accounts updated as a result of transfer requests <u>Transfer Requests</u>; and such other details as are required by the Clearing House and the Registry from time to time in accordance with their rules and procedures.</p>
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8.2 ~~ICE-ECX~~ **ICE** EUA and CER Daily Futures Contracts

<p><u>ICE Registry Account Notification Form</u></p>	<p><u>Buyers and Sellers must each submit this form to the Clearing House 10 Business Days prior to the relevant Contract Date (or such shorter period as the Exchange or Clearing House may consider appropriate). The report indicates whether the Clearing Member has an Account for each Margin account at the Registry, the appropriate Account numbers and the Authorised Persons for Account(s).</u></p>
<p>ICE ECX Daily Delivery Confirmation Form</p>	<p>Buyers and Sellers must <u>each</u> submit this form to the Clearing House by 18:15 hours on the Contract Date. It includes the following details: the number of lots that are to be specified in each transfer request <u>Transfer Request</u> for a Margin account; details of each Holding Account and Initiating/Acquiring Registry from/to which each transfer request will be made <u>Account</u>; name and contact details of the Authorised Representative in respect of each Holding Account specific to each transfer request <u>Transfer Request</u>; confirmation that the Clearing Member will continue to have the relevant Holding Accounts during the Delivery Period at each of the Initiating/Acquiring Registries <u>the Registry</u> and is not for any reason prevented from having transfer requests <u>Transfer Requests</u> accepted and not subsequently rejected or not actioned; and is not for any reason prevented from having the Holding Accounts updated as a result of transfer requests <u>Transfer Requests</u>; and such other details as are required by the Clearing House and the Registry from time to time in accordance with their rules and procedures.</p>

8.3 ICE EUA and EUAA Auction Contracts

<p><u>ICE Registry Account Notification Form</u></p>	<p><u>Buyers must submit this form to the Clearing House 10 Business Days prior to the relevant Auction. The report indicates whether the Clearing Member has an Account for each Margin account at the Registry, the appropriate Account numbers and the Authorised Persons for Account(s).</u></p>
<p><u>EUA or EUAA Auction Delivery Confirmation Form</u></p>	<p><u>Buyers must submit this form to the Clearing House by 11:00 hours on the day of the relevant Auction. It includes the following details: the number of lots that are to be specified in each Transfer Request for a Margin account; details of each Account from/to which each Transfer Request will be made; name and contact details of the Authorised Representative in respect of each Account specific to each Transfer Request; confirmation that the Clearing Member will continue to have the relevant Accounts during the Delivery Period at the Registry and is</u></p>

	<p><u>not for any reason prevented from having Transfer Requests accepted and not subsequently rejected or not actioned; and is not for any reason prevented from having the Accounts updated as a result of Transfer Requests; and such other details as are required by the Clearing House and the Registry from time to time in accordance with their rules and procedures.</u></p>
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~~PART B:~~

PART B: ICE FUTURES GASOIL FUTURES ("ICE GASOIL FUTURES")

1. DELIVERY SPECIFICATION

1.1 Quality

Gasoil shall be delivered in bulk and free of all liens and any other form of claim and shall conform to the specifications, as appropriate, described in ICE Futures Europe Rules.

1.2 Price

The price at which a ICE Gasoil Futures Contract is delivered is the Market Delivery Settlement Price of the Business Day immediately preceding the cessation of trading day, adjusted in accordance with ICE Futures Europe Rules.

1.3 Scope

ICE Gasoil Futures Contracts are for the sale and delivery of gasoil meeting the contract specification set out in ICE Futures Europe Rules by the Seller to the Buyer, out of a recognised storage installation or refinery in Amsterdam, Rotterdam, Antwerp, Flushing or Ghent, at the Seller's option. This takes place on a Delivery Day nominated by the Buyer in accordance with ICE Futures Europe Rules, within a five-day period agreed by the Seller and Buyer from the sixteenth to the last day of the contract month, inclusive.

The Buyer has the option to choose the method of delivery: barge, coaster (maximum size 10,000 DWT), in-tank or inter-tank transfer.

1.4 Determination of Quantity and Quality

The quality and quantity of the gasoil delivered is determined by an inspector selected from a panel of independent inspectors authorised by ICE Futures Europe to perform such determination.

The inspector is selected in accordance with ICE Futures Europe Rules by the Seller from two possible inspectors proposed by the Buyer, provided that if the Seller objects to both of the Buyer's preferences and the parties cannot agree upon an alternative, ICE Futures Europe shall nominate the Inspector and this nomination shall be binding on the parties.

1.5 Cessation of trading

Trading for a contract month of ICE Gasoil Futures will normally cease two Business Days prior to the fourteenth day of that month. A list of dates, subject to amendment by ICE Futures Europe, is available from ICE Futures Europe.

1.6 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

2. DELIVERY TIMETABLE FOR ICE GASOIL FUTURES

		2 Business Days prior to the 14th calendar day of the contract month	
Cessation of Trading	At 12:00	Trading in ICE Gasoil Futures ceases.	
	By 13:00	EFPs and EFSs may be posted up to one hour following the cessation of trading.	
	By 14:00	<p>All assignments, settlements and transfers must be performed in TRS and CPSECS.</p> <p>Seller must submit an ICE Gasoil Futures: Seller's Tender Notice to the Clearing House notifying the location(s) of the gasoil, the number of lots at each location and whether the gasoil is exempt or import duty has been paid.</p> <p>Buyer may (but is not obliged to) submit an ICE Gasoil Futures: Buyer's Preference Notice, indicating a preferred location for delivery to the Clearing House.</p> <p>An ICE Gasoil Futures: Preference Notice is only an indication of a Buyer's preference and is not binding on the Clearing House.</p>	
	At 14:00	Sellers/ Buyers are obliged to make/take delivery of all Contracts remaining open in the expiring contract month.	
	After 14:00	<p>The Clearing House allocates Tenders to Buyers by location at its sole discretion, endeavouring to minimise the number of Clearing Members and locations involved, taking account of Buyers' preferences.</p> <p>The Clearing House sends an ICE Gasoil Futures: Notice to Seller Form to each Seller identifying the Buyer(s) per delivery location and instructing Sellers to deliver directly to Buyer(s) in accordance with Part 7 of the Rules.</p> <p>The Clearing House sends an ICE Gasoil Futures: Notice to Buyer Form to each Buyer identifying the Seller(s) and the delivery location(s).</p> <p>The HIT report is available on CPSECS advising each Clearing Member of its delivery positions and obligations.</p>	
			Cessation of trading day +1 Business Day
Determination of Delivery Range	By 10:00	The Buyer sends an ICE Gasoil Futures: Delivery Range Nomination form to the Seller (copied to the Clearing House) stating the Buyer's preferred five-day delivery range(s) together with the identity and status of the Buyer's Customer (or if he has no Customer, the status of the Buyer) under Council Directive 92/12/EEC, or having no such status, the tax warehouse nominated to receive delivery.	

DELIVERY PROCEDURES: ICE GASOIL FUTURES

	By 12:00	<p>The Seller notifies the Buyer, via completion and return (copied to the Clearing House) of section B of the ICE Gasoil Futures: Delivery Range Nomination form, of its acceptance or rejection of the Buyer's preferred delivery range(s) together with the identity of the Seller's Customer (or Seller).</p> <p>The Seller may only reject a preferred delivery range where it can be shown, supported by evidence from the installation through which delivery is to be made, that berth space will not be available on any of the days in the delivery range preferred by the Buyer.</p> <p>In the case of delivery by inter-tank transfer or by transfer in-tank without movement, the Seller may only reject a preferred delivery range where it can be shown, supported by evidence from the installation, that pumping into the Buyer's tank or transfer in the books of the installation will be impracticable on any of the days in the delivery range preferred by the Buyer.</p>
	By 14:00	<p>In the event that a delivery range is rejected, the Seller provides proof of rejection from the installation to Buyer (copied to the Clearing House).</p> <p>If the Seller fails to provide supporting evidence/proof of rejection, the Seller is deemed to have accepted the Buyer's preferred range.</p> <p>If the Seller rejects the Buyer's preferred range and provides acceptable evidence, the Buyer and Seller shall endeavour to agree an alternative delivery range by 16:00 and notify the Clearing House of the agreed range forthwith.</p>
	By 16:00	<p>Failing agreement, the Buyer must give notice of a second five-day range to the Seller (wholly outside the first preferred range) and the Seller must accept this range.</p>
	Cessation of trading day +2 Business Days	
Excise duty	By 12:00	<p>The Seller informs the Clearing House of non-receipt or receipt of certificate of payment of excise duty from the Buyer where the Buyer is a non-registered trader.</p>
	Minimum of 48 hours before 1st day of delivery range (must be a Business Day)	
Nomination of Installation	By 12:00	<p>The Seller submits to the Buyer (copied to the Clearing House) an ICE Gasoil Futures: Installation Nomination form indicating the name of the installation(s), the number of lots and the name of an official at the installation.</p>
	1 Business Day prior to 1st day of delivery range	
Buyer's Security	By 09:00	<p>The Buyer must provide Buyer's Security to the Clearing House of full Contract value plus 0.5 % or an amount specified by the Clearing House. The Buyer's initialOriginal and contingent (Variation) Margin is released on receipt of Buyer's Security.</p>

DELIVERY PROCEDURES: ICE GASOIL FUTURES

		Business Day, a minimum of 48 hours before the nominated Delivery Day
Nomination of Delivery Day	By 14:00	<p>The Buyer submits to the Seller (copied to the Clearing House) the ICE Gasoil Futures: Delivery Day Nomination (Vessel) form or the ICE Gasoil Futures: Delivery Day Nomination (in-tank/inter-tank) form. The form includes details of the Delivery Day, the installation, (in the case of a ICE Gasoil Futures: Delivery Day Nomination (Vessel) form) the vessel, fiscal destination and information of any tests waived and nominates two inspectors indicating a first and second preference from which one must be selected by the Seller.</p> <p>The Delivery Day nominated must be within the agreed delivery range.</p> <p>In the case of delivery by inter-tank transfer, the nominated Delivery Day is the day the Buyer wishes pumping to commence. In the case of delivery by transfer in-tank without movement of the product, the nominated Delivery Day is the day on which the Buyer wishes the transfer to be entered in the books of the installation.</p> <p>If this nomination is received by the Seller after 14:00 hours, it is deemed to have been given on the following Business Day.</p> <p>The Buyer may not alter any particular, or substitute a new nomination, except by notice conforming to the 48-hour minimum notice requirement in accordance with ICE Futures Europe Rules unless the particular amended is accepted by the installation without conforming to the 48-hour minimum notice requirement.</p>
		<p>The ICE Gasoil Futures Delivery Day Nomination Table in paragraph 3 of this Part B sets out the appropriate day to submit a nomination for a specific delivery day.</p> <p>The Seller must notify the Buyer and the Clearing House of any rejection of a nomination. Such notice must contain all the reasons for rejection.</p> <p>A nomination may not be rejected for frivolous or vexatious reasons, such as details which do not result in a rejection of the nomination by the Seller's installation or obvious clerical errors.</p>
	By 16:30	<p>The Seller must inform the Buyer and the Clearing House of which one of the Buyer's two preferred inspectors has been accepted. If the Seller fails to reply by 16:30 the Seller is deemed to have accepted the Buyer's first preference.</p> <p>If the Seller objects to both of the Buyer's preferences, the Seller must inform the Buyer and the Clearing House in good time of the reasons and attempt to agree an alternative with the Buyer. In the event that no agreement is reached, the Seller must advise ICE Futures Europe by 16:45 hours, on the day of nomination, and ICE Futures Europe will nominate an inspector no later than the nominated delivery Day, pursuant to ICE Futures Europe Rules.</p>

DELIVERY PROCEDURES: ICE GASOIL FUTURES

<p>Delivery Day and Loading</p>	<p align="center">On the nominated Delivery Day within the agreed 5-day Delivery Range between the 16th and end of the contract month</p>	
		<p>Loading shall commence on the nominated Delivery Day and be on a first come, first served basis, and demurrage shall be calculated in accordance with barge market practice.</p> <p>In the event that the barge has presented herself in readiness to load and the Seller has made gasoil ready for delivery, both within the agreed delivery range, but loading has not been completed by the last day of the delivery, there shall be an extension of 24 working hours for completion of delivery provided the Seller can show, supported by evidence from the installation through which delivery is to be made, that he has made the product ready for delivery but loading has been prevented by operational factors. Such evidence shall be copied to the Clearing House.</p> <p>In the event that the delay exceeds 24 working hours, the party responsible for the delay shall (subject to ICE Futures Europe Rules) be in default.</p>
<p>Receipt of Documents by the Clearing House</p>	<p align="center">On or before 6th calendar day after completion of loading</p>	
	<p>By 11:00</p>	<p>The Seller shall lodge the following delivery documents with the Clearing House:</p> <p>(a) the original certificates of quality and quantity or faxes from the inspector confirming quality and quantity;</p> <p>(b) If applicable a certificate of origin or EU movement certificate or a copy thereof or written statement by the Inspector that he has seen the original and brief detail thereof; and</p> <p>(c) in the case of delivery into barge, the original barge delivery notes or set of original negotiable bills of lading; in the case of inter-tank transfer, a document satisfactorily evidencing the movement of product into the Buyer's tank, issued by the operator of the Buyer's tank and naming the supplier or the supplying installation (where different from the receiving installation) and the receiver; in the case of delivery in tank without movement of the product, a document satisfactorily evidencing the intention of the parties to transfer title to Commodities, issued by the installation and naming at least the receiver.</p> <p>If the Seller fails to provide all or part of the documentation by the stated time, the Clearing House advises the Seller by telephone or in writing (see ICE Gasoil Future: Notification of Amicable Agreement Period) (copy to ICE Futures Europe) that if the issue is not resolved within five calendar days immediately following the sixth calendar day after the completion of loading, the issue will be referred to ICE Futures Europe under ICE Futures Europe Rules.</p> <p>The issue may be resolved by the production of the required documentation or agreement by both Seller and Buyer to ADP.</p> <p>Documents lodged after 11:00 hours are deemed to be lodged on the next Business Day.</p>
	<p>By 16:00</p>	<p>The Clearing House advises the Seller of the Account Sale amount. The Clearing House advises the Buyer of document availability and the Invoice amount and that payment will take place the next Business Day.</p>

DELIVERY PROCEDURES: ICE GASOIL FUTURES

		Business Day following receipt of documents (if received before 11:00)
Payment	By 09:00	<p>The Buyer pays the invoice amount to the Clearing House. Buyer's Security is released as part of the payment transaction.</p> <p>If the Buyer notifies the Clearing House, in writing and before the Seller is paid, that the product does not comply with the quality specification, the Clearing House will withhold 10% of the payment from the Seller. If an amicable solution is not achieved within five days, the Clearing House will refer the dispute to ICE Futures Europe under ICE Futures Europe Rules.</p>
	After 10:30	<p>The Seller collects the Account Sales, from the Clearing House.</p> <p>The Buyer collects the Invoice and related delivery documents from the Clearing House.</p> <p>The Buyer signs a receipt to confirm acceptance of the Invoice and related delivery documents (see paragraph 5 of this Part B for invoice details).</p>
	After 12:00	<p>The Account Sale amount is credited to the Seller's settlement account.</p> <p>Positions are removed from tender.</p>
		Document receipt day + 2 Business Days
Release Margin	of	Seller's Original Margin and contingent (Variation) Margin is released.

3. ICE GASOIL FUTURES DELIVERY DAY NOMINATION TABLE

The table below indicates the deadlines for the receipt of an ICE Gasoil Futures: Delivery Day Nomination-Vessel or ICE Gasoil Futures: Delivery Day Nominations-In Tank/Inter Tank by the Clearing House.

- D = Nominated Delivery Day
 R = Day by which nomination must be received (by 14:00)

E.g.: in the first line below, the nominated Delivery Day is Thursday and the deadline for receipt of the nomination is 14:00 on the previous Monday.

Mon	Tues	Wed	Thurs	Fri	Sat	Sun	Mon	Tues	Wed
R			D						
	R			D					
		R			D				
			R			D			
				R			D		
				R				D	
				R					D

If the Monday is a bank holiday, the deadline for receipt of nomination for the following Thursday is the previous Friday instead of the Monday.

These days may vary over Christmas, New Year and Easter periods.

4. DELIVERY DOCUMENTATION SUMMARY

<i>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full – including elections in respect of Gasoil/Low Sulphur Gasoil, as appropriate.</i>		
Name of Delivery Document	Explanation	Timing
ICE Gasoil Futures: Seller's Tender Notice	This notice is submitted by the Seller to the Clearing House. It provides details of the number of lots and location(s) from which the delivery is to be made and a statement to confirm that import duty has been paid or whether or not the product tendered is exempt from import duty.	By 14:00 on the last day of trading
ICE Gasoil Futures: Buyer's Preference Notice	This notice may be submitted by the Buyer to the Clearing House specifying: the number of lots, the size of parcels and the locations at which the Buyer would prefer to take delivery.	By 14:00 on the last day of trading
ICE Gasoil Futures: Notice to Buyer	This notice is issued by the Clearing House to the Buyer, identifying the Seller's delivery location, number of lots and a statement to confirm that the product is or is not exempt from import duty.	After 14:00 on the last day of trading
ICE Gasoil Futures: Notice to Seller	This notice is issued by the Clearing House to the Seller. This directs the Seller to deliver the product to the Buyer(s) and states the identity of the Buyer(s) and delivery location(s).	After 14:00 on the last day of trading
ICE Gasoil Futures: Delivery Range Nomination	This nomination is submitted by the Buyer to the Seller (copied to the Clearing House). The nomination contains details of the Buyer's preferred five day delivery range/s together with the name(s) and the tax status of the Buyer's	By 10:00 hours on the Business Day following the last trading

DELIVERY PROCEDURES: ICE GASOIL FUTURES

<i>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full – including elections in respect of Gasoil/Low Sulphur Gasoil, as appropriate.</i>		
Name of Delivery Document	Explanation	Timing
	customer(s). The Seller must complete and return to the Buyer (copied to the Clearing House) section B of the form confirming the Seller's acceptance or rejection of the nominated range(s) together with the name(s) of the Seller's customer(s).	day By 12:00 hours on the same day.
ICE Gasoil Futures: Installation Nomination	This nomination is submitted by the Seller to the Buyer, (copied to the Clearing House). It includes the name of the installation(s) where delivery will be made, number of lots and the name of an official at the installation who may be contacted in respect of deliveries.	By 12:00 hours on a Business Day no later than forty-eight hours before the commencement of the delivery range.
ICE Gasoil Futures: Delivery Day Nomination - Vessel	This nomination is submitted by the Buyer to the Seller (copied to the Clearing House), and includes the Delivery Day, vessel, number of lots, name of the inspector, fiscal destination details and information of any tests waived.	By 14:00 hours on a Business Day no later than forty-eight hours prior to the nominated Delivery Day.
ICE Gasoil Futures: Delivery Day Nomination - In-tank/Inter-tank	This nomination of the Delivery Day is used where the gasoil is to be delivered by in-tank or inter-tank transfer and is submitted by the Buyer to the Seller, (copied to the Clearing House).	By 14:00 hours on a Business Day no later than forty-eight hours prior to the nominated Delivery Day.
ICE Gasoil Futures: Notification of Amicable Agreement Period	The Clearing House may issue this notification to give notice to Clearing Member(s) (copied to ICE Futures Europe) of the day by which an amicable solution to a problem must be arrived at or referral to ICE Futures Europe for resolution will proceed. The Clearing House will automatically refer a delivery to ICE Futures Europe on completion of the five days allowed for amicable settlement of a problem in accordance with ICE Futures Europe Rules and notify the Clearing Member of such action.	
ICE Gasoil Futures: Confirmation of Agreed ADP	This form is submitted by both Buyers and Sellers to the Clearing House confirming their agreement to, and the price of, the ADP.	
Referral Form	This form is submitted in the event of failure to reach an amicable agreement to the delivery dispute, so that the dispute is referred to ICE Futures Europe for resolution	

5. INVOICE

5.1 Invoice Calculation

ICE Gasoil Futures are traded by weight but are delivered by volume, 118.35 cubic metres of gasoil being delivered per 100 tonnes (100 tonnes being one lot).

The amount due to the Seller and payable by the Buyer in respect of deliveries of gasoil is calculated as follows:

$$\frac{\text{Contract Volume}}{1.1835} \times \text{Market Delivery Settlement Price of the Business Day immediately preceding the last day of trading (EDSPMDSP)}$$

5.2 Delivery Tolerance

A delivery tolerance of plus or minus ½% of the contract volume of gasoil is allowed on the gasoil delivered in each port between a Seller and a Buyer.

Any amount over or under the contract volume, but within the tolerance level, is invoiced using the applicable [EDSPMDSP](#).

5.3 Adjustments for Actual Delivered Volumes

- (a) Delivery must be for whole lots. If the total amount of gasoil delivered falls below the number of lots tendered (taking into account the delivery tolerance), the delivery will be deemed to be for the nearest full lot below the tendered number of lots. Clearing Members will be required to agree to an ADP for the under-delivered number of lots.
- (b) Failure to agree to an ADP will result in referral to ICE Futures Europe under ICE Futures Europe Rules and the under-delivered lots will be Invoiced Back by the Clearing House.
- (c) If the actual amount delivered is above the tendered lots (taking into account the delivery tolerance) the surplus will be ignored by the Clearing House for invoice purposes. Any payment for the excess must be settled between the Buyer and Seller without the involvement of the Clearing House.

5.4 Discounts

Discounts apply for deliveries made from the ports of Flushing and Ghent. The discount levels (50 cents and \$1.25 per tonne respectively) are determined by ICE Futures Europe and are subject to alteration from time to time.

5.5 Examples of Invoice Calculations

Basics:

1 lot = 100 tonnes

1 lot = 118.35 m³ (cubic metres)

[EDSPMDSP](#) is quoted per Tonne, so price of a lot is $MDSP \times 100 \text{tonnes}$

The price of a m³ is $\frac{MDSP \times 100 \text{ tonnes}}{118.35}$

DELIVERY PROCEDURES: ICE GASOIL FUTURES

One invoice is produced per barge. A final invoice is produced to reflect the adjustment for actual delivered volume. The ~~EDSP~~MDSP in all examples is \$600 per tonne.

- (a) Invoice Calculation - Where Delivered Volume is within the Tolerance for the anticipated number of lots.

Tender for 35 lots in 3 nominated loadings of 20 lots, 10 lots and 5 lots each per barge respectively.

Tolerance permitted on 35 lots = $35 \times 118.35 \times 0.5\% = \pm 20.711 \text{ m}^3$.

Invoices reflecting individual Loadings		
1st Barge loads		2355.000 m ³
2nd Barge loads		1207.000 m ³
3rd Barge loads		586.000 m ³
Total loaded		4148.000 m ³
1st Barge invoice	19 lots @ 600.00	\$1,140,000.00
2nd Barge invoice	10 lots @ 600.00	\$600,000.00
3rd Barge invoice	4 lots @ 600.00	\$240,000.00
Total invoiced via the Barge Loading Invoices	33 lots	\$1,980,000.00
<u>Final Invoice</u>		
Based on total loaded quantity delivered, the number of lots delivered (within tolerance) is 35 Lots.		
Total invoiced already in m ³ =	33 x 118.35	3905.550 m ³
Total delivered in m ³		4148.000 m ³
Total excess		242.450 m ³
Excess is equivalent to		2 lots + 5.750 m ³
2 lots @ EDSP <u>MDSP</u> of 600.00		\$120,000.00
5.91 m ³ is within the permitted tolerance of +/- 20.711 m ³ allowable on 35 lots, so the invoice amount for this excess is $\frac{\$600 \times 100}{118.35} \times 5.91 \text{ m}^3$.		\$2915.08
Final invoice amount		\$122,915.08

- (b) Invoice Calculation – Where Delivered Volume is outside the Tolerance - Over-Delivered.

Invoices reflecting individual Loadings		
1st Barge loads		2355.000 m ³
2nd Barge loads		1207.000 m ³

DELIVERY PROCEDURES: ICE GASOIL FUTURES

3rd Barge loads		603.000 m ³
Total loaded		4165.000 m ³
1st Barge invoice	19 lots @ 600.00	\$1,140,000.00
2nd Barge invoice	10 lots @ 600.00	\$600,000.00
3rd Barge invoice	5 lots @ 600.00	\$300,000.00
Total invoiced via the Barge Loading Invoices	34 lots	\$2,040,000.00
<u>Final Invoice</u>		
Based on total loaded quantity delivered, the number of lots delivered is treated as 35 lots (being the number tendered) despite the quantity of 4162.961 m ³ exceeding the maximum permitted for 35 lots.		
Total invoiced already in m ³ =	33 x 118.35	3905.550 m ³
Total delivered in m ³		4148.000 m ³
Total excess		141.100 m ³
Excess is equivalent to		1 lot + 22.750 m ³
1 lot @ EDSPMDSP of 600.00		\$60,000.00
22.750 m ³ is outside the permitted tolerance of +/- 20.711 m ³ allowable on 35 lots, so the invoice amount for this excess is $\frac{\$600 \times 100}{118.35} \times 20.711 m^3$, i.e. the excess is "capped" at the permitted tolerance.		\$10,499.87
Final invoice amount		\$70,499.87
The difference between the maximum amount allowed as tolerance and the quantity in excess of that tolerance (22.750-20.711) is not invoiced by the Clearing House.		

- (c) Invoice Calculation – Where Delivered Volume is outside the Tolerance - Under-Delivered and thus resulting in an ADP.

Invoices reflecting individual Loadings		
1st Barge loads		2355.000 m ³
2nd Barge loads		1160.000 m ³
3rd Barge loads		586.000 m ³
Total loaded		4101.000 m ³
1st Barge invoice	19 lots @ 600.00	\$1,140,000.00
2nd Barge invoice	9 lots @ 600.00	\$540,000.00
3rd Barge invoice	4 lots @ 600.00	\$240,000.00

DELIVERY PROCEDURES: ICE GASOIL FUTURES

Total invoiced via the Barge Loading Invoices	32 lots	\$1,920,000.00
<u>Final Invoice</u>		
Based on total loaded quantity delivered, the number of lots delivered (within tolerance) is 34 lots not 35 lots. For the total quantity delivered to be within tolerance for the tendered 35 lots, it would need to be within 4121.539 m ³ and 4162.961 m ³ . As the delivered quantity then exceeds the amount of a 34 lot delivery, this tender is then treated, for the purposes of the final invoice, as an over-delivered 34 lot tender with the 1 lot now excluded being settled between the Buyer and Seller under ADP.		
Total invoiced already in m ³ =	32 x 118.35	3787.200 m ³
Total delivered in m ³		4101.000 m ³
Total excess		313.800 m ³
Excess is equivalent to		2 lots + 77.100 m ³
2 lots @ EDSP <u>MDSP</u> of 600.00		\$120,000.00
77.100m ³ is outside the permitted tolerance of +/- 20.120 m ³ allowable on 35 lots, so the invoice amount for this excess is $\frac{\$600 \times 100}{118.35} \times 20.120m^3$, i.e. the excess is "capped" at the permitted tolerance.		\$10,200.25
Final invoice amount		\$130,200.25
The 1 lot ADP may be settled between the Seller and the Buyer. Failing this, the issue will be referred to ICE Futures Europe and the under-delivered lot invoiced back by the Clearing House. The quantity of Gasoil in excess of that invoiced by the Clearing House (77.100-20.120) may be considered by the Buyer and Seller under that ADP.		

- (d) Invoice Calculation – A further example where Delivered Volume is outside the Tolerance - Under-Delivered and thus resulting in an ADP.

In this example, the tendered quantity is 302 lots nominated on 3 barges for delivery of 200, 51 and 51 lots respectively.

Invoices reflecting individual Loadings		
1st Barge loads		23671.000 m ³
2nd Barge loads		5918.000 m ³
3rd Barge loads		5918.000 m ³
Total loaded		35507.000 m ³
1st Barge invoice	200 lots @ 600.00	\$12,000,000.00
2nd Barge invoice	50 lots @ 600.00	\$3,000,000.00
3rd Barge invoice	50 lots @ 600.00	\$3,000,000.00

DELIVERY PROCEDURES: ICE GASOIL FUTURES

Total invoiced via the Barge Loading Invoices	300 lots	\$18,000,000.00	
<u>Final Invoice</u>			
The total loaded quantity (33507.000) delivered is not within the tolerance of the tendered quantity of 302 lots (35562.992 to 35920.409). However, the volume delivered does fall within the "0.5% in tolerance quantity" for 299, 300 or 301 lots:			
	Lots	Lower m ³	Upper m ³
	299	35209.717	35563.583
	300	35327.475	35682.525
	301	35445.233	35801.467
In this situation, the Clearing House will always regard this as the uppermost number of lots, i.e. in this case will regard this as a "short" 301 lot delivery with 1 lot ADP'd, rather than for example an "over"-delivery on a 300 lot tender with 2 lots ADP'd.			
This tender is then treated, for the purposes of the final invoice, as an under -delivered 301 lot tender with the 1 lot now excluded being settled between the Buyer and Seller under ADP. This quantity is overall equivalent to 301 lots – 116.35 m ³ . 300 lots were invoiced under the individual loadings leaving the 1 lot – 116.35 m ³ to be invoiced in the final invoice.			
Total invoiced already in m ³ =	300 x 118.35	35505.000 m ³	
Total delivered in m ³		35507.000 m ³	
Total excess		2.000 m ³	
Excess is equivalent to		1 lot – 116.35 m ³	
1 lot @ EDSPMDSP of 600.00		\$60,000.00	
The invoice amount for this excess is MINUS $\frac{\$600 \times 100}{118.35} \times 2.000m^3$		- \$58,986.06	
Final invoice amount		\$1,013.94.00	
The 1 lot ADP'd should be settled between the Seller and the Buyer. Failing this, the issue will be referred to ICE Futures Europe and the under-delivered lot invoiced back by the Clearing House.			

~~PART C:~~

PART C: ICE UK BASE ELECTRICITY FUTURES CONTRACT AND ICE UK PEAK ELECTRICITY FUTURES CONTRACT

1. DEFINITIONS

1.1 The following definitions apply to this part of the Delivery Procedures:

- (a) The term "**BSC**" or "**Balancing and Settlement Code**" means the document designated by the Secretary of State and adopted by the National Grid Company plc as the balancing and settlement code as modified from time to time in accordance with the terms of the transmission licence and the balancing and settlement code procedures made pursuant thereto.
- (b) The term "**BSCCo**" means Balancing and Settlement Code Company.
- (c) The term "**BSC Party**" means a party who is bound by the BSC in the participation capacity of a "Trading Party" (as such term is defined in the BSC).
- (d) The term "**BSC Party System**" means that part of the Buyer's and/or Seller's, and/or their respective Transferor's or Transferee's, system which enables, *inter alia*, an ECVNA to submit an ECVN to, or receive information from, the ECVA.
- (e) References to "**D+**" or "**D-**" relate to, in the case of "D+", the number of Business Days immediately after, and in the case of "D-" the number of Business Days immediately before, the day on which the Delivery Day specified in the Electricity Contract commences.
- (f) The term "**Delivery Day**" means:
 - (i) *in respect of an ICE UK Base Electricity Futures*, the period beginning at 23:00 hours on a day on which an ECVN in respect of an ICE UK Base Electricity Futures is due to become effective, and the transfer from one Energy Account to the other Energy Account is due to be made under that ICE UK Base Electricity Futures in accordance with the terms of the ICE Futures Europe Rules and the Rules, and ending at 23:00 hours on the following day (irrespective of whether this encompasses 23, 24 or 25 sequential hours); or
 - (ii) *in respect of an ICE UK Peak Electricity Futures*, the period beginning at 07:00 hours on a weekday on which an ECVN in respect of an ICE UK Peak Electricity Futures is due to become effective, and the transfer from one Energy Account to the other Energy Account is due to be made under that ICE UK Peak Electricity Futures in accordance with the terms of the ICE Futures Europe Rules and the Rules, and ending at 19:00 hours on the same day.
- (g) The term "**Delivery Period**" means the Settlement Period for the relevant Contract.
- (h) The term "**Delivery Failure Costs**" means an amount calculated by the Clearing House based on the imbalance costs a BSC Party may pay or be paid under the BSC attributable to one or more Notification Failures under the ICE Futures Europe Rules.
- (i) The term "**ECVAA**" or "**Energy Contract Volume Aggregation Agent**" means the person identified under the BSC to whom ECVNs and ECVNA authorisations must be made and who is responsible for the aggregation and validation of ECVNs and for the validation of the ECVNA Authorisations.
- (j) The term "**ECVN**" or "**Energy Contract Volume Notification**" means the notification, including amongst other things of an energy contract volume, submitted by the ECVNA to the

**DELIVERY PROCEDURES: ICE UK BASE ELECTRICITY FUTURES CONTRACT
& ICE UK PEAK ELECTRICITY FUTURES CONTRACT**

ECVAA for each Settlement Period of a Delivery Day in the manner required by the BSC and otherwise in accordance with the ICE Futures Europe Rules and the Rules.

- (k) The term "**ECVNA**" or "**Energy Contract Volume Notification Agent**" means the person who is qualified to act as an ECVNA for the purposes of the BSC and who is appointed by the Clearing House and authorised by the Clearing House, the Seller and the Buyer (or their Transferor or Transferee respectively) to submit ECVNs and ECVNA Authorisations in accordance with the BSC, the ICE Futures Europe Rules and the Rules.
- (l) The term "**ECVNA Authorisation**" means the authorisation of the appointed ECVNA validated by the ECVAA in accordance with the BSC.
- (m) The term "**EFA Calendar**" means the Electricity Forward Agreement calendar (or any Exchange approved industry recognised successor calendar) as described in the ICE Futures Europe Rules. The EFA calendar is based on block months.

ICE UK Base Electricity Futures: The number of days in a "Month Contract" is based on the number of days in an EFA month period, namely 28 days in January, February, April, May, July, August, October and November and 35 days in March, June, September, December. The exception is any December where the numbering of weeks under the EFA Calendar results in a sixth week for the month.

ICE UK Peak Electricity Futures: The number of days in a "Month Contract" is based on the number of days in an EFA month period, namely 20 days in January, February, April, May, July, August, October and November; and 25 days in March, June, September, and December. The exception is any December where the numbering of weeks under the EFA Calendar results in a sixth week for the month.

- (n) The term "**Electricity**" has the meaning given thereto in the BSC, as modified and amended from time to time.
- (o) The term "**Electricity Contract**" means an ICE UK Base Electricity Futures and/or an ICE UK Peak Electricity Futures made pursuant to the ICE Futures Europe Rules.
- (p) The term "**Energy Account**" means either a production or a consumption account established and operated under the BSC in respect of a BSC Party which is used by the Settlement Administration Agent to determine the energy imbalance obligations of that BSC Party.
- (q) The term "**Energy Contract Volume**" means, for each Settlement Period of a Delivery Day and an Energy Account, a volume of Electricity calculated by the Clearing House and notified to the Clearing Member and (if applicable) the Transferor/Transferee, that should be notified to the ECVAA in an ECVN in respect of an Electricity Contract.
- (r) The term "**ExchangeMarket Delivery Settlement Price**" or "**EDSPMDSP**" means, in respect of a Contract, the Exchange Official Settlement Price determined by ICE Futures Europe for the second Business Day immediately prior to the day on which the first Delivery Day commences.
- (s) The term "**ICE Futures UK Base Electricity Futures Contract**" or "**ICE UK Base Electricity Futures**" means a contract for delivery of electricity for every Settlement Period during the period specified in the ICE Futures Europe Contract Rules.
- (t) The term "**ICE Futures UK Peak Electricity Futures Contract**" or "**ICE UK Peak Futures**" means a contract for delivery of electricity for every Settlement Period during the period specified in the ICE Futures Europe Rules.

**DELIVERY PROCEDURES: ICE UK BASE ELECTRICITY FUTURES CONTRACT
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- (u) References to "M-" relate to the number of Business Days immediately preceding the first Delivery Day of the EFA month (for example "M-2" refers to the second Business Day prior to the EFA month).
- (v) References to "M+" relate to the number of Business Days after the last EFA calendar day of the month during which delivery was made (for example "M+2" refers to the second Business Day of the EFA month following delivery).
- (w) The term "MWh" or "Megawatt Hours" means 1000 kWh, where 1 kWh means 3,600,000 joules and where "joule" is as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (x) The term "Notification Failure" means an occurrence where an ECVN for a Settlement Period is not made, is made incorrectly, is not accepted or is made, accepted and subsequently rejected.
- (y) The term "Settlement Period" means a 30-minute period in a Delivery Day commencing on the hour or the half-hour.
- (z) The term "Transmission System" means the high voltage wires owned and operated by the holder of a licence granted pursuant to Section 6(1)(b) of the Electricity Act 1989.

2. DELIVERY SPECIFICATION

2.1 Delivery

Delivery of an Electricity Contract is effected by a transfer of Energy Contract Volume from a Seller or Transferor to the Clearing House, and by a transfer from the Clearing House to a Buyer or Transferee. This is achieved by the submission of the appropriate ECVNs by the appointed ECVNA and the subsequent debiting and crediting of Energy Accounts for each Settlement Period for the Delivery Day specified in the Electricity Contract.

2.2 Quantity

Electricity is delivered in Megawatt Hours at a rate of 1 Megawatt Hour per lot, for transfer during each Settlement Period for the Delivery Day as specified in the Electricity Contract.

2.3 Price

The price at which the Electricity Contract is delivered is the ~~EDSP~~MDSP for the relevant Contract, two Business Days prior to the first Delivery Day.

2.4 Cessation of Trading

Monthly Contracts cease trading at 17:00 hours on the Business Day which is two Business Days prior to the day on which delivery commences.

2.5 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

3. ENERGY CONTRACT VOLUME NOTIFICATION AGENT APPOINTMENT AND AUTHORISATION PROCESS

- 3.1 In respect of a Contract to which the Clearing House is a party as the Buyer, for the purposes of delivery, the Clearing House shall appoint an ECVNA who will be authorised to submit ECVNs on behalf of the Transferor and the Clearing House (ECVNA Authorisation) to the ECVA.

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- 3.2 In respect of each Settlement Period of each Delivery Day, the Seller shall take or procure that its Transferor shall take:
- (a) such actions as are required to be taken pursuant to the BSC and the BSC Procedures for ECVNA Authorisations to be eligible for validation by the ECVAA; and
 - (b) such actions as are required pursuant to the BSC, BSC Procedures, ICE Futures Europe Rules and these Procedures for a valid ECVNA Authorisation to be in place with the ECVAA for each Settlement Period to allow an ECVN to be made in respect of the relevant Contract for such Settlement Period.
- 3.3 In respect of a Contract to which the Clearing House is a party as the Seller, for the purposes of delivery, the Clearing House shall appoint an ECVNA who will be authorised to submit ECVNs on behalf of the Transferee and the Clearing House (ECVNA Authorisation) to the ECVAA.
- 3.4 In respect of each Settlement Period of each Delivery Day of a Contract, the Buyer shall take or procure that its Transferee shall take:
- (a) such actions as are required to be taken pursuant to the BSC and the BSC Procedures for such ECVNA Authorisations to be eligible for validation by the ECVAA; and
 - (b) such actions as are required pursuant to the BSC, BSC Procedures, ICE Futures Europe Rules and these Procedures for a valid ECVNA Authorisation to be in place with the ECVAA for each Settlement Period to allow an ECVN to be made in respect of the relevant Contract for such Settlement Period.
- 3.5 **Pre-delivery ECVNA Authorisation process:**
- (a) On a Business Day which is at least four Business Days prior to the first Delivery Day:
 - (i) The Seller and the Buyer must provide the Clearing House with the details of their Open Contract Positions, together with the Elexon Counterparty ID and Elexon Account ID, e.g. "C" for Consumption or "P" for Production by submission of the ICE Futures Europe Position Report available on the Clearing House website and
 - (ii) Clearing Members must ensure that any Transferor or Transferee nominated:
 - (A) is a BSC Party;
 - (B) has Energy Accounts for the purpose of making or taking delivery of Electricity on D-1; and
 - (C) submits the ECVNA Authorisation in accordance with this Section.
 - (iii) On the same day or by the next Business Day if that day is at least four Business Days prior to the first Delivery Day, the Clearing House's appointed ECVNA will duly complete an ECVNA Authorisation Request Form before forwarding to the Seller (or its Transferor) and to the Buyer (or its Transferee) and the Clearing House.
 - (iv) On the day of receipt or by the next Business Day if that day is at least four Business Days prior to the first Delivery Day:
 - (A) Clearing Members must ensure;
 - (1) that their Transferor or Transferee each duly completes the ECVNA Authorisation Request Form; and

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(2) that the fully completed forms are delivered to the ECVAA.

(B) If a Clearing Member's Transferee or Transferor wishes to make or take delivery to or from only one of its two Energy Accounts, then that Transferee or Transferor is only required to complete an ECVNA Authorisation Request Form in respect of that account.

3.6 **Valid ECVNA authorisations may not be terminated without the prior express permission of the Clearing House.**

4. LIABILITY

4.1 The provisions of this paragraph 4 are without prejudice to the generality of, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures relating to liability.

4.2 It is the responsibility of the Clearing Member to ensure that ECVNA Authorisation Request forms are in place by D-1 to allow ECVNs to be submitted by the Clearing House's appointed ECVNA. Any failure or omission to do so, which subsequently causes or contributes to failure of the delivery of an Electricity Contract, will constitute a failure to deliver by the Clearing Member. Upon any such failure or omission, the Clearing Member shall be liable to the Clearing House for any loss or expense of the Clearing House arising as a result of such failure or omission, which may include any Delivery Failure Costs. The Clearing Member shall be liable to pay the Clearing House in respect of its administrative costs resulting from the late submission or changes to or in respect of any ECVNA Authorisation Request Form after D-1.

4.3 Save as specifically provided herein, the Clearing House shall not be liable in connection with an Electricity Contract, its performance, non-performance or its termination whether based on breach of contract, warranty, or tort. In particular, but without limitation, the Clearing House is not responsible for, and shall have no liability whatsoever in respect of:

- (a) the availability, or suitability, or unavailability or malfunction of a BSC Party System other than its own BSC Party System or any part thereof;
- (b) the performance or non-performance of BSCCo or ECVAA of their obligations under the BSC;
- (c) the performance or non-performance of any operator of a BSC Party System other than its own BSC Party System or any part thereof;
- (d) the performance or non-performance of an appointed ECVNA; or
- (e) any losses or costs arising out of or connected to a credit default on the part of the Clearing House which occurs as a result of a Notification Failure caused by any third party other than the appointed ECVNA.

4.4 Neither the Buyer nor the Seller, nor their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or operation of the Transmission System, the unavailability or malfunction of a BSC Party System or any part thereof or the performance or non-performance of BSCCo or ECVAA or any operator of a BSC Party System or any part thereof except as otherwise expressly provided for in ICE Futures Europe Rules or the Rules.

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**5. DELIVERY TIMETABLE FOR ICE UK BASE AND PEAK ELECTRICITY FUTURES:
ROUTINE**

	TIME	ACTION
		At least one full business day Business Day before M-4
ECVNA Authorisation		Clearing Members must make sure, that their Customers' holding positions already have in place an Authorisation Request Form with Elexon. If not, Clearing Members must communicate to the Clearing Housing the identity of any new Transferor or Transferee that will be making or taking delivery (which each must be a BSC Party), their Elexon Counterparty ID and Elexon Account ID, e.g. "C" for Consumption or "P" for Production. The Clearing House will ensure its appointed ECVNA duly completes an ECVNA Authorisation Request Form before forwarding to the Seller or its Transferor/Buyer or its Transferee.
		Seller or its Transferor (and Buyer or its Transferee) must ensure that each ECVNA Authorisation Request Form is duly completed and returned to Elexon.
		PLEASE NOTE: Valid ECVNA Authorisations may not be terminated without the prior written consent of the Clearing House.
		On each Business Day, starting on the day 2 Business Days prior to the last trading day and ending on the day following the last trading day
Position Reporting	By 10:00	Seller and Buyer send to the Clearing House the ICE Futures Electricity Contract Position Report listing all known delivery information including the identity of each Transferor or Transferee who will be making or taking delivery (who each must be a BSC Party), their Elexon Counterparty ID and Elexon Account ID, e.g. "C" for Consumption or "P" for Production.
		M-2
	By 09:00	The Clearing House makes Daily Summary Report available. The report identifies Open Contract Positions at the close of business on M-3.
Cessation of Trading	At 17:00	The monthly contract ceases trading.
	By 18:00	EFPs and EFSs may be posted up to one hour following the cessation of trading. If final delivery Open Contract Positions are known, the Seller and Buyer may (but are not obliged to) submit to the Clearing House a completed ICE Futures Electricity Delivery Confirmation Form for those Open Contract Positions it expects to be subject to delivery obligations.
		M-1
	By 09:00	The Clearing House makes Daily Summary Report available. The report identifies the positions that are deliverable at 23:00 hours.
Payment of Security	By 09:00	Seller and Buyer must each pay to the Clearing House the Seller's Security and Buyer's Security respectively. This is calculated for all deliverable positions at close of business on D-2 (which corresponds to M-2 for the first delivery day and M-1 for the second).

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	TIME	ACTION
		The Clearing House may make adjustments to provisional Seller's Security and Buyer's Security via intra-day call on D-1.
	By 10:00	Settlement instructions and position transfers are entered into CPSECS for expired Contracts.
		Clearing Members with Open Contract Positions at this time are obliged to make or take delivery.
	By 11:00	HIT report available on CPSECS to Clearing Members.
Electricity Delivery Confirmation Forms	By 12:00	The Seller and Buyer must, for each deliverable Open Contract Position, each send to the Clearing House a signed and completed ICE UK Base/Peak: Delivery Confirmation Form listing all delivery information for all deliverable Open Contract Position.
Transferor/Transferee Nomination		A Seller or Buyer who is nominating a Transferor or Transferee in respect of a Contract must ensure that the Clearing House has in its possession a signed ICE UK Base/Peak Electricity: Transferor Form or ICE UK Base/Peak Electricity: Transferee Form (as applicable) for each nominated Transferor or Transferee. This Transferor/Transferee form must be signed by an authorised signatory of the Transferor/Transferee.
Confirmation Report	By 13:00	The Clearing House makes available to the Clearing Members the Confirmation Report listing the deliverable positions in MWh for each Settlement Period for each day of the Delivery Month. Where Clearing Members will have submitted email details for their Transferee/Transferor, this report will also be emailed directly to the Transferee/Transferor.
Confirmation Report Error	By 14:00	The Seller and Buyer must each inform the Clearing House of any details on the Confirmation Report that do not match the ICE UK Base/Peak Electricity: Delivery Confirmation Form. If the Clearing House does not receive notification by this deadline, the Seller and Buyer will be deemed to have accepted the delivery obligations as set out on the Confirmation Report.
Notification file to ECVNA	By 18.00	The Clearing House will send to its appointed ECVNA a notification file detailing the EVCNs to be made between the Clearing House and the Seller (or the Seller's Transferor), and the EVCNs to be made between the Clearing House and the Buyer (or the Buyer's Transferee).
ECVNs submission	By 18:30	The appointed ECVNA will make the ECVNs to Elexon representing the final delivery position held at the Clearing House. The Clearing House will use its endeavours to ensure that ECVNs are made, such that they are reported on the 18:30, seven-day report. However, should this not be possible for whatever reason, then the Clearing Member or the Clearing Member's Transferor will be able to view notifications on the next available seven-day report.

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	TIME	ACTION
Checking of seven-day report		<p>The Seller (or the Transferor) and the Buyer (or the Transferee) must check the seven-day report to ensure that all ECVNs have been submitted and are correct.</p> <p>In the event that either the Seller (or the Seller's Transferor) or the Buyer (or the Buyer's Transferee) becomes aware that an ECVN is incorrectly reported or absent from the seven-day report, that person must promptly inform the other party and the Clearing House. The Clearing House will take such action as is necessary to rectify the situation.</p>
	Any time after the above	
Identification of ECVNA rejection		<p>Seller (either by themselves or by their Transferor) and Buyer (either by themselves or by their Transferee) must inform the Clearing House as soon as they become aware that there has been a rejection of all or part of an ECVN for whatever reason.</p> <p>The Clearing House may also instruct the Seller or Buyer to take such steps as it considers reasonably necessary to ensure that losses are mitigated. Seller and Buyer must give effect to any and all such instructions.</p>
	Delivery Day (D) (or D+1 if D is a Non-Clearing Day)	
Delivery Day	By 09:00	The Clearing House makes Daily Summary Report available.
	D+2	
	By 09:00	<p>Seller's Security for actual delivered amount is released.</p> <p>Seller receives delivery contingent credit for confirmed deliveries.</p> <p>The Clearing House may allow delivery contingent credit amounts for confirmed deliveries to be offset against other contract liabilities.</p> <p>The Clearing House releases the "Buyer's Default Top-up" portion of Buyer's Security on confirmed deliveries.</p>
	M+5	
Final Electricity Confirmation of Delivery Report	By 09:00	Clearing House makes the Daily Summary Report available in respect of contracted and actual delivery details.
		Invoice and Account Sale Report available for the previous month's deliveries.

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	TIME	ACTION
Payment	M+10	
	By 09:00	<p>Buyers make contract payment via their Nominated Accounts in respect of deliveries for the preceding month as detailed on the Invoice and Account Sale Report. Buyer's Security is released as part of the payment transaction.</p> <p>Seller receives contract value (payment) for confirmed delivered amount in respect of deliveries for the preceding month as detailed on the Invoice and Account Sale report.</p> <p>Seller's contingent credit is removed.</p>

**6. DELIVERY TIMETABLE FOR ICE UK BASE AND PEAK ELECTRICITY FUTURES:
FAILED DELIVERY**

Delivery Day (D) (or D+1 if D is a Non-Clearing Day)	
By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
D+1	
By 09:00	In the event of a failed delivery the Clearing House may call additional Seller's Security and/or Buyer's Security.
D+2	
By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
M+Variable	
By 09:00	<p>Invoice Report: Failed Deliveries and Credit Note Report: Failed Deliveries for the previous month's failed deliveries will be generated and made available to the Seller and Buyer by the Clearing House at a time when the full financial obligations of each of the parties is known.</p> <p>Seller's Security and Buyer's Security held against failed deliveries is released following confirmation that all payments have been made for all failed deliveries for the delivery month.</p>
2 days after above	
By 09:00	<p>Seller and Buyer make or receive payment for previous month's failed deliveries as detailed on the Invoice and Credit Note Report.</p> <p>Seller's Security and Buyer's Security held against failed deliveries is released.</p>
Any time after the above	
	If there is a change to the prices used to calculate the failed delivery amounts, the Clearing House shall be entitled to produce further invoices or credit notes, and the Seller and/or Buyer shall pay the Clearing House (or the Clearing House shall pay the Seller and/or Buyer, as the case may be) any additional amount due (or the Clearing House shall pay) within two Business Days of issue of such Invoice or credit note.

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Note: in the event of a failed delivery, the Clearing House may retain Buyer's Security and/or Seller's Security.

7. DELIVERY CONTRACT SECURITY

7.1 Buyer's and Seller's Security

- (a) Buyer's Security is calculated by reference to the relevant Market Delivery Settlement Price (~~EDSP~~MDSP) plus a "Buyer's Default Top-up". The "Buyer's Default Top-up" is calculated by reference to System Sell Price (SSP), as defined by the BSC. The Clearing House may alter the calculation of Buyer's Security at any time or make adjustments in respect of specific Buyers.
- (b) Seller's Security is calculated against the Seller's Default Price (SDP) for the relevant Delivery Day. The SDP is calculated by reference to the relevant System Buy Price (SBP Buy), as defined by the BSC, or Market Delivery Settlement Price (~~EDSP~~MDSP). The Clearing House may alter the calculation of Seller's Security at any time or make adjustments in respect of a specific Seller.

8. INVOICE AND ACCOUNT SALE CALCULATION

8.1 Invoice and Account Sale - Previous Month's Deliveries

The Invoice and Account Sale Report gives details of all deliveries made during the month preceding production. For confirmed deliveries, the value of Electricity is calculated as follows:

$$\text{MWh} * \text{EDSPMDSP}$$

Where

MWh = The number of Megawatt hours delivered.

~~EDSP~~MDSP = The relevant Market Delivery Settlement Price for the Delivery Day, quoted in pounds per MWh.

For failed deliveries (Buyers only) the value of Electricity is calculated as follows:

$$\text{MWh} * \text{EDSPMDSP}$$

Where

MWh = The number of Megawatt hours contracted.

~~EDSP~~MDSP = The relevant Market Delivery Settlement Price for the Delivery Day, quoted in pounds per MWh.

8.2 Invoice/Credit Note for Failed Deliveries

The Invoice Report: Failed Deliveries and Credit Note Report: Failed Deliveries give details of charges to a Clearing Member for failing to deliver Electricity and is calculated with reference to costs incurred by the Clearing House under the BSC. These costs will also apply even where Baseload and Peak Contracts are netted or aggregated for the same Settlement Period under the BSC.

Credit Notes are issued to Buyers up to the contract value of the failed delivery, less any costs incurred by the Clearing House, dependent on the value of the imbalance value received by the Clearing House under the BSC.

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9. DELIVERY DOCUMENTATION SUMMARY

Name of Delivery Document	Explanation	Timing
ICE Futures UK Electricity Futures: Base/Peak Position Report	This report is sent by the Clearing Member by 10:00 on a daily basis to the Exchange to report client and proprietary positions. In addition, on each Business Day from the fourth Business Day prior to the expiry, Sellers and Buyers complete the delivery related information part of the Report and submit it to the Clearing House. All known delivery information is listed against each individual Customer's position reflected in the Open Contract Position for the Customer Account and against Proprietary Account Open Contract Positions including the identity of each person who will be making or taking delivery (Transferor/Transferee), whether that person is a BSC Party, their Elexon Counterparty ID and Elexon Account ID, e.g. "C" for Consumption or "P" for Production, whether the Transferor/Transferee Form is in place, and whether the ECVNA Authorisation is in place.	10:00 Daily
ECVNA Authorisation Request	<p>This is partly completed by the Clearing House's appointed ECVNA and forwarded to the Seller or its Transferor and the Buyer or its Transferee.</p> <p>The Clearing House will always partly complete the ECVNA Authorisation Requests forms as Energy (to) Account Details - (equivalent to Party 2 Energy Account Details).</p> <p>The Clearing Member or its Transferee or Transferor must duly complete the ECVNA Authorisation Request Forms as Energy (from) Account Details - (equivalent to Party 1 Energy Account Details) and forward them on to the ECVAA for validation.</p>	At least 5 Business Days prior to 1 st Delivery Day
Daily Summary Report	This report summarises on a daily basis the deliverable positions by transferee/transferor	By 9:00 Daily
ICE UK Base/Peak Electricity: Delivery Confirmation Form	The following parts of the form must be completed in full for all deliverable positions: Clearing Member mnemonic; Clearing Member account; Delivery Day or series of Delivery Days as specified in the first and last Delivery Day boxes; unique reference code for the instruction (free format maximum 10 characters); whether the delivery is for baseload or peakload contracts; number of lots long; number of lots short; and name and contact details.	If delivery details are known, by 18:00 on M-2 or otherwise 12:00 on D-1
ICE UK Base/Peak Electricity: Transferee Form	The Buyer must ensure that the Transferee submits and signs this form, as confirmation that it will take delivery of Electricity for all the Settlement Periods on all Delivery Days referred to on the "ICE UK Base/Peak Electricity: Delivery Confirmation Form" and submits it to the Clearing House.	By 12:00 on D-1
ICE UK Base/Peak Electricity: Transferor Form	The Seller must ensure that the Transferor submits and signs this form, as confirmation that it will make delivery of Electricity for all the Settlement Periods on all Delivery Days referred to on the "ICE UK Base/Peak Electricity: Delivery Confirmation Form" and submits it to the Clearing House.	By 12:00 on D-1

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Name of Delivery Document	Explanation	Timing
Confirmation Report	The Clearing House makes this report available to Buyers and Sellers. Buyers and Sellers must promptly provide a copy of this report to the relevant Transferor(s) and Transferee(s). The report is in Transferor/Transferee order and informs Buyers and Sellers of: Clearing Member name, Transferee/Transferor name, appointed ECVNA name, Delivery Day, lots to be delivered, and Buyer's/Seller's delivery details in MWh.	By 13:00 on D-1
Invoice Report and Account Sale Report	The Clearing House makes this report available to Buyers and Sellers. The report gives Buyers and Sellers details of Clearing Member mnemonic, Clearing Member account, Contract, delivery month, Delivery Day, contracted MWh, actual delivered MWh, price in pounds per MWh, value of Electricity; and a summary of the Invoice and Account Sale.	By 09:00 on M+5

~~PART D:~~PART D: ICE FUTURES UK NATURAL GAS FUTURES CONTRACT ("ICE UK NATURAL GAS FUTURES")

1. DEFINITIONS

1.1 The following additional definitions apply to this part of the Delivery Procedures:

- (a) The term "**Acquiring Trade Nomination**" means a nomination submitted, in the manner required by the National Grid Rules and otherwise in accordance with this Part D, by the Transferee to acquire rights in respect of one or more lots of Natural Gas at the National Balancing Point.
- (b) The terms "**D+**" or "**D-**" relate to the number of Business Days before and after the Delivery Day respectively on which rights to natural gas are to be transferred.
- (c) The term "**Daily Imbalance**" has the same meaning as that given to that term in the Network Code.
- (d) The term "**Delivery Day**" means the period beginning at 06:00 hours on a day on which the transfer of rights in respect of Natural Gas is due to be made under a Contract in accordance with ICE Futures Europe Rules and this Part D and ending at 06:00 hours on the following day.
- (e) The term "**Disposing Trade Nomination**" means a nomination submitted, in the manner required by the National Grid Rules and otherwise in accordance with ICE Futures Europe Rules and this Part D, by the Transferor to dispose of rights in respect of one or more lots of Natural Gas at the National Balancing Point.
- (f) The term "**Gemini**" means that part of the UK Link which enables, inter alia, a user to submit a Trade Nomination to National Grid and to access information concerning the user's Trade Nominations, and any successor system thereto;
- (g) The term "**kWh**" or "**Kilowatt Hours**" means 3,600,000 joules where "joule" is as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (h) The term "**M+**" means, in respect of a Contract, the number of Business Days immediately following the last day of the month in which the Delivery Day specified in the Contract commenced.
- (i) The term "**National Balancing Point**" means, in respect of a Contract, a notional point within the Transmission System at which the balancing of the amounts of Natural Gas delivered into and out of the Transmission System takes place for the purposes of the Network Code.
- (j) The term "**National Grid Rules**" means the Network Code and any manuals, procedures, practices or directions of National Grid which support the operation of the Network Code, as amended from time to time.
- (k) The term "**National Grid**" means National Grid or any successor thereto.
- (l) The term "**Natural Gas**" means any hydrocarbons or mixture of hydrocarbons and other gases consisting predominantly of methane which at a temperature of 15 degrees Celsius and at an absolute pressure of 1.01325 bar are or is predominantly in the gaseous state where "degree Celsius" and "bar" are as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.

- (m) The term "**Network Code**" means the document, as amended from time to time, setting out National Grid's arrangements for transportation of Natural Gas pursuant to its public gas transporter's licence under the Gas Act 1986 and any manuals, procedures, practices or directions of National Grid which support the operation of that document, in either case as amended from time to time.
- (n) The term "**Therm**" means 29.3071 kWh.
- (o) The term "**Trade Nomination**" means in respect of a Contract either a Disposing Trade Nomination or an Acquiring Trade Nomination, as the case may be.
- (p) The term "**Trade Nomination Quantity**" means the quantity of Natural Gas nominated in a Trade Nomination.
- (q) The term "**Transmission System**" means the onshore transmission pipeline system owned and operated by National Grid as may be enlarged, extended or altered from time to time.
- (r) The term "**UK Link**" means the computer system for the electronic transfer of information between National Grid and users of such system managed and operated by National Grid, or any agent appointed by National Grid, and any system from time to time replacing the same.

2. DELIVERY SPECIFICATION

2.1 Delivery

Deliveries of ICE UK Natural Gas Futures are effected by the transfer of rights to Natural Gas at the National Balancing Point from a Transferor (nominated by the Seller, which may be the Seller itself) to the Clearing House and from the Clearing House to a Transferee (nominated by the Buyer, which may be the Buyer itself), through the input of Acquiring and Disposing Trade Nominations into the National Grid's Gemini system. The National Grid will take those Nominations into account when determining whether the Clearing House has a "Daily Imbalance".

2.2 Quantity

ICE UK Natural Gas Futures trades in Therms but is delivered in kWh. The Gemini system, through which delivery is made, accepts Trade Nominations to the nearest kWh. Therefore, when converting a deliverable position from Therms to kWh the Clearing House will, in its absolute discretion, round either up or down to the nearest whole kWh to facilitate the matching of the Clearing House Acquiring and Disposing Trade Nominations with the Trade Nominations made by the Transferor and Transferee.

2.3 Price

The price at which the contract is delivered is the Market Delivery Settlement Price for the second Business Day immediately prior to the calendar day on which the Delivery Month commences in accordance with the ICE Futures Europe Rules.

2.4 Days and Times

All "timings" or times of day are London times.

2.5 Cessation of Trading

Monthly Contracts cease trading at 17:00 hours on the Business Day which is two Business Days prior to the first calendar day of the delivery month.

2.6 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

3. LIABILITY

3.1 The provisions of this paragraph 3 are without prejudice to the generality, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.

3.2 The Clearing House is not responsible for, and shall have no liability whatsoever as a result of:

- (a) the performance or non-performance of National Grid of its obligations under the National Grid Rules or the Network Code; or
- (b) the performance or non-performance of National Grid.

3.3 Neither the Buyer nor the Seller, nor their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or operation of the Transmission System or any part thereof or the performance or non-performance of National Grid except as otherwise expressly provided in the ICE Futures Europe Rules.

4. DELIVERY CONTRACT SECURITY

The Clearing House makes the Natural Gas Security Report available on a daily basis to Clearing Members with delivery positions.

- (a) Buyer's Security

Buyer's Security is calculated by reference to the relevant Market Delivery Settlement Price (~~EDSP~~MDSP) plus a "Buyer's Default Top-up". The "Buyer's Default Top-up" is an amount calculated against the possibility of a negative System Marginal Sell Price (SMP Sell), as defined by National Grid in the Network Code.

The Clearing House may alter the calculation of Buyer's Security at any time or make adjustments in respect of specific Buyers.

- (b) Seller's Security

Seller's Security is calculated against the Seller's Default Price (SDP) for the relevant Delivery Day.

The SDP is calculated by reference to the relevant System Marginal Buy Price (SMP Buy), as defined by National Grid in the Network Code, or ~~Exchange~~Market Delivery Settlement Price (~~EDSP~~MDSP).

The Clearing House may alter the calculation of Seller's Security at any time or make adjustments in respect of a specific Seller.

5. DELIVERY TIMETABLE FOR ICE UK NATURAL GAS FUTURES: ROUTINE

2 Business Days prior to the 1st Delivery Day (M-2)		
Confirmation of Delivery positions - Provisional	By 09:00	The Provisional Natural Gas Delivery Report identifies Open Contract Positions at the close of business on M-3.
	By 17:00	Buyer and Seller submit known delivery details using ICE UK Natural Gas Futures: Delivery Confirmation Form for those Open Contract Positions,

DELIVERY PROCEDURES: ICE UK NATURAL GAS FUTURES

		which are expected to be delivered.
Cessation of Trading	At 17:00	Monthly Contract ceases trading.
	By 18:00	EFPs and EFSs may be posted up to one hour following the cessation of trading. If final delivery Open Contract Positions are known, the Seller and Buyer may (but are not obliged to) submit to the Clearing House a completed ICE UK Natural Gas Futures Delivery Confirmation Form for those Open Contract Positions it expects to be delivered.
	M-1	
Provision of Buyer's and Seller's Security	By 09:00	Seller and Buyer must provide the Clearing House with Seller's Security and Buyer's Security as appropriate. This is calculated for all deliverable Open Contract Positions at close of business on D-2 (which corresponds to M-2 for the first delivery day and M-1 for the second). The Clearing House may make adjustments to provisional Seller's Security or Buyer's Security by making intra-day calls at this time or other times on this day.
	By 10:00	Settlement instructions and Open Contract Positions transfers are entered into CPSECS for expired Contracts. Clearing Members with Open Contract Positions at this time for a Contract Set subject to delivery are obliged to make or take delivery.
	By 11:00	HIT report available on CPSECS to Clearing Members.
Submission of ICE UK Natural Gas Futures: Delivery Confirmation form	By 12:00	Buyer and Seller must, for all deliverable Open Contract Positions, submit a completed ICE UK Natural Gas Futures Delivery Confirmation Form. If delivery details are known, the ICE UK Natural Gas Futures Delivery Confirmation Form may be submitted to the Clearing House any time from the start of M-2, but must have been submitted by 12:00 hours on M-1.
Nomination of Transferor /Transferee		Seller or Buyer who is nominating a Transferor or Transferee in respect of a Contract must ensure that the Clearing House has in its possession a signed ICE UK Natural Gas Futures: Blanket Transferor Form or ICE UK Natural Gas Futures: Blanket Transferee Form (as applicable) for each nominated Transferor or Transferee, or a signed ICE UK Natural Gas Futures: Transferor Form or ICE UK Natural Gas Futures: Transferee Form for each nominated Transferor or Transferee. This Transferor/Transferee Form must be signed by an authorised signatory of the Transferor/Transferee.
ICE UK Natural Gas Futures Conversion and Confirmation Report	By 13:00	The ICE UK Natural Gas Futures Conversion and Confirmation Reports, listing all deliverable positions in kWh for the Delivery Day, are made available to Clearing Members electronically. Where Clearing Members will have submitted email details for their Transferee/Transferors, this report will also be emailed directly to the Transferee/Transferors. It is the responsibility of the Clearing Member to ensure that each nominated Transferor/Transferee has received a copy of the ICE UK Natural Gas Futures Conversion and Confirmation Report.

DELIVERY PROCEDURES: ICE UK NATURAL GAS FUTURES

	By 14:00	<p>Seller and Buyer must each inform the Clearing House of any details on the ICE UK Natural Gas Futures Conversion and Confirmation Report that do not match their submitted ICE UK Natural Gas Futures Delivery Confirmation Form.</p> <p>Failure to notify the Clearing House by this deadline will constitute acceptance by the Seller and Buyer of their delivery obligations.</p> <p>If necessary, the Clearing House will then make any appropriate amendments to the ICE UK Natural Gas Futures Conversion and Confirmation Report and resend it to Clearing Members.</p>
Entry of Disposing and Acquiring Nominations	By 18:30	<p>Seller and Buyer must ensure that their nominated Transferors/Transferees have entered the appropriate Disposing Trade Nomination(s)/Acquiring Trade Nominations(s) into the Gemini system.</p> <p>If by 19:30 one such Trade Nomination has not been accepted by National Grid, the Clearing House, or its agent, may direct the Seller (or its Transferor) or the Buyer (or its Transferee) who submitted the Trade Nomination to amend or withdraw such Trade Nomination on such terms as the Clearing House may consider appropriate until such Trade Nomination is accepted by National Grid.</p>
	Delivery Day (D) (or next Business Day if D is a Non-Clearing Day)	
	By 09:00	The Clearing House makes Daily Summary Report available.
	D+2	
Seller's Security and Buyer's Default Top Up	By 09:00	<p>Seller's Security for actual delivered amount is released.</p> <p>The Clearing House releases the 'Buyer's Default Top-up' portion of the Buyer's Security on confirmed deliveries.</p> <p>Seller receives delivery contingent credit for confirmed deliveries.</p> <p>The Clearing House allows delivery contingent credit for confirmed deliveries to be offset against other contract liabilities.</p>
	17 Business Days following the month of delivery (M+17)	
Final Confirmation of Delivery Report and Invoice and Account Sale Details	By 09:00	<p>The Clearing House makes the Daily Summary Report available for the previous month's deliveries.</p> <p>The Clearing House makes the Invoice and Account Sale Report available to Seller and Buyer for the previous month's deliveries.</p>

DELIVERY PROCEDURES: ICE UK NATURAL GAS FUTURES

Payment	19 Business Days following the month of delivery (M+19)	
	By 09:00	<p>Seller receives contract value (payment) for confirmed delivered amount in respect of deliveries for the preceding month as detailed on the Invoice and Account Sale report.</p> <p>Delivery contingent credit amounts are removed M+18 for morning of M+19.</p> <p>Buyer pays contract value for both performed and failed delivery amounts in respect of deliveries for the preceding month as detailed on the Invoice and Account Sale Report. Buyer's Security is released as part of the payment transaction.</p> <p>N.B. A credit note may be issued at a later date against the failed deliveries.</p>

6. DELIVERY TIMETABLE FOR ICE UK NATURAL GAS FUTURES: FAILED DELIVERY

Seller's Security and Buyer's Default Top up	D+2	
	By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
Failed Delivery	24 to 29 Business Days following the month of delivery (M+24 to M+29)	
	By 09:00	The Clearing House makes the Invoice and Credit Note Report available to Sellers and Buyers for the previous month's failed deliveries.
Payment for Failed Delivery	26 to 40 Business Days following the month of delivery (M+26 to M+40)	
	By 09:00	Seller makes payment for previous month's failed deliveries.
		Buyers make/receive payment or take receipt for previous month's failed deliveries.
Release of Seller's and Buyer's Security against Failed Deliveries	27 to 41 Business Days following the month of delivery (M+27 to M+41)	
	By 09:00	Seller's Security and Buyer's Security held against failed deliveries is released following confirmation that payment has been made for all failed deliveries for the delivery month.

Note: in the event of a failed delivery, the Clearing House may retain Buyer's Security and/or Seller's Security.

7. INVOICE AND ACCOUNT SALE CALCULATION

7.1 Invoice and Account Sale - Previous Month's Deliveries

The Invoice and Account Sale Report gives details of all deliveries made during the month preceding production.

Confirmed deliveries:

kWh * ~~EDSP~~MDSP / 29.3071

Where

kWh = the number of Kilowatt hours delivered.

EDSPMDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in pence per Therm.

Failed Deliveries (Buyers only)

kWh * **EDSPMDSP** / 29.3071

Where

kWh = the number of Kilowatt hours delivered.

EDSPMDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in pence per Therm.

7.2 Invoice/Credit Note for Failed Deliveries

The Invoice and Credit Note Report gives details of the proportion of the Clearing House's costs, incurred from National Grid, allocated to Clearing Members as a result of Buyers' and Sellers' failed deliveries.

Credit Notes are issued to Buyers up to the contract value of the failed delivery, dependent on the value received by the Clearing House from National Grid. In the event that the value received by the Clearing House is in excess of the contract value, any such excess will be passed on to ICE Futures Europe.

The Clearing House's costs are allocated *pro rata* to those Clearing Members whose failed deliveries have caused the Clearing House's net Daily Imbalance.

8. DELIVERY DOCUMENTATION SUMMARY

Reports produced by the Clearing House are made available to Buyers and Sellers electronically.

Name of Delivery Document	Explanation	Timing
Daily Summary Report	This report summarises on a daily basis the deliverable positions by transferee/transferor	By 9:00 Daily
ICE UK Natural Gas Futures Delivery Confirmation Form	This form must be completed in full for all Contracts subject to delivery. It contains details of: Clearing Member mnemonic; Clearing Member account; Delivery Day or series of Delivery Days as specified in the first and last Delivery Day boxes; unique reference code for the instruction (free format maximum 10 characters); whether the instruction is a new instruction (N), an update to an existing instruction (U), a deletion of one previously submitted (D) or an unaltered existing instruction (E); number of lots long; number of lots short; and name of the nominated Transferee or Transferor.	By 12:00 on D-1
ICE UK Natural Gas Futures: Transferee Form	The Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by the Transferee as confirmation that it will take delivery of Natural Gas on all Delivery Days referred to on the ICE UK Natural Gas Futures Delivery Confirmation form.	By 12:00 on D-1

DELIVERY PROCEDURES: ICE UK NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
ICE UK Natural Gas Futures: Transferor Form	The Seller must ensure that this form is submitted by the Transferor to the Clearing House. It must be signed by the Transferor as confirmation that it will make delivery of Natural Gas on all Delivery Days referred to on the ICE UK Natural Gas Futures Delivery Confirmation form.	By 12:00 on D-1
ICE UK Natural Gas Futures: Blanket Transferee Form	Where applicable, the Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by an authorised signatory of the Transferee as confirmation that they will take delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE UK Natural Gas Futures Delivery Confirmation form.	By 12:00 on D-1
ICE UK Natural Gas Futures: Blanket Transferor Form	Where applicable, the Seller must ensure that this form is submitted by the Transferor. It must be signed by an authorised signatory of the Transferor as confirmation that they will make delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE UK Natural Gas Futures Delivery Confirmation form.	By 12:00 on D-1
ICE UK Natural Gas Futures Conversion and Confirmation Report	When available, Buyers and Sellers must promptly provide a copy of this report to the relevant Transferor(s) and Transferee(s). It is a Transferor/Transferee order and informs Buyers and Sellers of Clearing Member mnemonic; Transferee/Transferor; Delivery Day or series of Delivery Days as defined in paragraph 1 of this Section D from first Delivery Day to last Delivery Day; lots to be delivered; details of the Acquiring and/or Disposing Trade Nomination(s) to be entered by the Transferees/Transferors; and a statement that if the Transferor/Transferee fails to notify the Clearing House by the necessary deadline as specified in these Delivery Procedures, then the delivery obligation is irrevocably accepted and Transferor/Transferee will enter the correct Acquiring and/or Disposing Trade Nomination(s) into the Gemini system, by the relevant deadline and that the trade(s) nominations will not be amended or withdrawn unless instructed to do so by the Clearing House.	By 18:00 on D-1
ICE UK Natural Gas Futures Invoice Report and Account Sale Report	The report gives Buyers and Sellers details of: Clearing Member mnemonic; Clearing Member account; contract; delivery month; Delivery Day; contracted kWh; actual delivered (matched) kWh; price in pence per Therm; value of Natural Gas; and a summary of the Invoice and Account Sale.	By 09:00 on M+17
Invoice Report and Credit Note Report: Failed Deliveries	The report gives Buyers and Sellers with failed deliveries during the previous delivery month details of Clearing Member mnemonic; Clearing Member account; contract; delivery month; Delivery Day; amount of failed delivery long (kWh); amount of failed delivery short (kWh); and total costs charged to the Clearing Member as a result of failed delivery/deliveries.	M+24 to M+29 at 09:00.

~~PART E:~~

PART E: ICE FUTURES TTF NATURAL GAS FUTURES CONTRACT ("ICE TTF NATURAL GAS FUTURES")

1. DEFINITIONS

1.1 The following additional definitions apply to this part of the Delivery Procedures:

- (a) The term "**Acquiring Trade Nomination**" means a nomination submitted, in the manner required by the GTS Rules and otherwise in accordance with this Part D, by the Transferee to acquire rights in respect of one or more lots of Natural Gas at the Title Transfer Facility.
- (b) The terms "**D+**" or "**D-**" relate to the number of Business Days before and after the Delivery Day respectively on which rights to natural gas are to be transferred.
- (c) The term "**Delivery Day**" means the period beginning at 05:00 hours on a day on which the transfer of rights in respect of Natural Gas is due to be made under a Contract in accordance with ICE Futures Europe Rules and this Part D and ending at 05:00 hours on the following day.
- (d) The term "**Disposing Trade Nomination**" means a nomination submitted, in the manner required by the GTS Rules and otherwise in accordance with ICE Futures Europe Rules and this Part D, by the Transferor to dispose of rights in respect of one or more lots of Natural Gas at the Title Transfer Facility.
- (e) The term "**Edigas**" means GTS's electronic facility which enables, *inter alia*, submission of a Trade Nomination to GTS and to access information concerning the submitted Trade Nominations, and any successor system thereto.
- (f) The term "**GTS**" means the operating division of NV Nederlandse Gasunie known as GTS or any successor thereto.
- (g) The term "**GTS Rules**" means the Gasvoowaarden, or Transmission Service Conditions, and any manuals, procedures, practices or directions of GTS which support the operation of the Transmission Service Conditions, as amended from time to time.
- (h) The term "**kWh**" or "**Kilowatt Hours**" means 3,600,000 joules where "joule" is as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (i) The term "**M+**" or "**M-**" means, in respect of a Contract, the number of Business Days immediately following the last day of the month or the number of Business Days immediately preceding the first day of the month in which the Delivery Day specified in the Contract commenced.
- (j) The term "**Natural Gas**" means any hydrocarbons or mixture of hydrocarbons and other gases consisting predominantly of methane which at a temperature of 15 degrees Celsius and at an absolute pressure of 1.01325 bar are or is predominantly in the gaseous state where "degree Celsius" and "bar" are as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (k) The term "**Title Transfer Facility**" (TTF) means, in respect of a Contract, a notional point within the Transmission System at which the balancing of the amounts of Natural Gas delivered into and out of the Transmission System takes place for the purposes of the Transmission Service Conditions.
- (l) The term "**Trade Nomination**" means in respect of a Contract either a Disposing Trade Nomination or an Acquiring Trade Nomination, as the case may be.

- (m) The term "**Trade Nomination Quantity**" means the quantity of Natural Gas nominated in a Trade Nomination.
- (n) The term "**Transmission System**" means the onshore transmission pipeline system owned and operated by GTS as may be enlarged, extended or altered from time to time.
- (o) The term "**TSC**" means the document, as amended from time to time, setting out GTS's arrangements for transportation of Natural Gas and operation of the Transmission System and TTF and any manuals, procedures, practices or directions of GTS which support the operation of that document, in either case as amended from time to time.

2. DELIVERY SPECIFICATION

2.1 Delivery

Deliveries of ICE TTF Natural Gas Futures are effected by the transfer of rights to Natural Gas at the TTF from a Transferor (nominated by the Seller, which may be the Seller itself) to the Clearing House and from the Clearing House to a Transferee (nominated by the Buyer, which may be the Buyer itself), through the input of Acquiring and Disposing Trade Nominations into the GTS's Edigas system. GTS will take those Nominations into account when determining whether any costs or charges arise from the balancing regime under the TSC.

2.2 Quantity

ICE TTF Natural Gas Futures trades in MWh and is delivered in kWh.

2.3 Price

The price at which the contract is delivered is the Market Delivery Settlement Price (MDSP) for the second Business Day immediately prior to the calendar day on which the Delivery Month commences in accordance with the ICE Futures Europe Rules.

2.4 Days and Times

All "timings" or times of day are London times.

2.5 Cessation of Trading

Monthly Contracts cease trading at 17:00 hours on the Business Day which is two Business Days prior to the first calendar day of the delivery month.

2.6 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

3. LIABILITY

3.1 The provisions of this paragraph 3 are without prejudice to the generality, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.

3.2 The Clearing House is not responsible for, and shall have no liability whatsoever as a result of:

- (a) the performance or non-performance of GTS of its obligations under the GTS Rules; or
- (b) the performance or non-performance of GTS.

3.3 Neither the Buyer nor the Seller, nor their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or operation of the Transmission System or any part thereof or the performance or non-performance of GTS except as otherwise expressly provided in the ICE Futures Europe Rules.

4. DELIVERY CONTRACT SECURITY

The Clearing House makes the Natural Gas Daily Summary Report available on a daily basis to Clearing Members with delivery positions.

(a) Buyer's Security

Buyer's Security is calculated by reference to the relevant MDSP plus a "Buyer's Default Top-up". The "Buyer's Default Top-up" is an amount calculated against the possibility of costs or charges arising from the balancing regime under the TSC.

The Clearing House may alter the calculation of Buyer's Security at any time or make adjustments in respect of specific Buyers.

(b) Seller's Security

Seller's Security is calculated against the Seller's Default Price (SDP) for the relevant Delivery Day.

The SDP is calculated by reference to costs and charges arising from the balancing regime under the TSC, or MDSP.

The Clearing House may alter the calculation of Seller's Security at any time or make adjustments in respect of a specific Seller.

5. DELIVERY TIMETABLE FOR ICE TTF NATURAL GAS FUTURES: ROUTINE

	2 Business Days prior to the 1st Delivery Day (M-2)	
Confirmation of Delivery positions – Provisional	By 09:00	The Daily Summary Report identifies Open Contract Positions at the close of business on M-3.
	By 17:00	Buyer and Seller submit known delivery details using ICE TTF Natural Gas Futures: Delivery Confirmation Form for those Open Contract Positions, which are expected to be delivered.
Cessation of Trading	At 17:00	Monthly Contract ceases trading.
	By 18:00	EFPs and EFSs may be posted up to one hour following the cessation of trading. If final delivery Open Contract Positions are known, the Seller and Buyer may (but are not obliged to) submit to the Clearing House a completed ICE TTF Natural Gas Futures Delivery Confirmation Form for those Open Contract Positions it expects to be delivered.

DELIVERY PROCEDURES: ICE TTF NATURAL GAS FUTURES

Provision of Buyer's and Seller's Security	M-1	
	By 09:00	<p>Seller and Buyer must provide the Clearing House with Seller's Security and Buyer's Security as appropriate. This is calculated for all deliverable Open Contract Positions at close of business on D-2 (which corresponds to M-2 for the first delivery day and M-1 for the second).</p> <p>The Clearing House may make adjustments to provisional Seller's Security or Buyer's Security by making intra-day calls at this time or other times on this day.</p>
	By 10:00	<p>Settlement instructions and Open Contract Positions transfers are entered into CPSECS for expired Contracts.</p> <p>Clearing Members with Open Contract Positions at this time for a Contract Set subject to delivery are obliged to make or take delivery.</p>
	By 10:30	<p>HIT report available on CPSECS to Clearing Members.</p>
Submission of ICE TTF Natural Gas Futures: Delivery Confirmation form	By 11:00	<p>Buyer and Seller must, for all relevant deliverable Open Contract Positions, submit a completed ICE TTF Natural Gas Futures Delivery Confirmation Form. If delivery details are known, the ICE TTF Natural Gas Futures Delivery Confirmation Form may be submitted to the Clearing House any time from the start of M-2, but must have been submitted by 11:00 hours on M-1.</p>
Nomination of Transferor/Transferee	By 11:00	<p>Seller or Buyer who is nominating a Transferor or Transferee in respect of a Contract must ensure that the Clearing House has in its possession a signed ICE TTF Natural Gas Futures: Blanket Transferor Form or ICE TTF Natural Gas Futures: Blanket Transferee Form (as applicable) for each nominated Transferor or Transferee, or a signed ICE TTF Natural Gas Futures: Transferor Form or ICE TTF Natural Gas Futures: Transferee Form for each nominated Transferor or Transferee. This Transferor/Transferee Form must be signed by an authorised signatory of the Transferor/Transferee.</p>
ICE TTF Natural Gas Futures Conversion and Confirmation Report	By 11:30	<p>The ICE TTF Natural Gas Futures Confirmation Reports, listing all deliverable positions in kWh for the Delivery Month, are made available to Clearing Members electronically. Where Clearing Members will have submitted email details for their Transferee/Transferors, this report will also be emailed directly to the Transferee/Transferors.</p> <p>It is the responsibility of the Clearing Member to ensure that each nominated Transferor/Transferee has received a copy of the ICE TTF Natural Gas Futures Conversion and Confirmation Report.</p>
	By 12:30	<p>Seller and Buyer must each inform the Clearing House of any details on the ICE TTF Natural Gas Futures Conversion and Confirmation Report that do not match their submitted ICE TTF Natural Gas Futures Delivery Confirmation Form.</p>
		<p>Failure to notify the Clearing House by this deadline will constitute acceptance by the Seller and Buyer of their delivery obligations.</p>

DELIVERY PROCEDURES: ICE TTF NATURAL GAS FUTURES

		If necessary, the Clearing House will then make any appropriate amendments to the ICE TTF Natural Gas Futures Confirmation Report and resend it to Clearing Members.
Entry of Disposing and Acquiring Nominations	By 13:00	<p>Seller and Buyer must ensure that their nominated Transferors/Transferees have entered the appropriate Disposing Trade Nomination(s)/Acquiring Trade Nominations(s) into the Edigas system.</p> <p>If by 15:30 one such Trade Nomination has not been accepted by GTS, the Clearing House, or its agent, may direct the Seller (or its Transferor) or the Buyer (or its Transferee) who submitted the Trade Nomination to amend or withdraw such Trade Nomination on such terms as the Clearing House may consider appropriate until such Trade Nomination is accepted by GTS.</p>
	Delivery Day (D) (or next Business Day if D is a Non-Clearing Day)	
	By 09:00	The Clearing House makes the Daily Summary Report available.
	D+2	
Seller's Security and Buyer's Default Top Up	By 09:00	<p>Seller's Security for actual delivered amount is released.</p> <p>The Clearing House releases the 'Buyer's Default Top-up' portion of the Buyer's Security on confirmed deliveries.</p> <p>Seller receives delivery contingent credit for confirmed deliveries.</p> <p>The Clearing House allows delivery contingent credit for confirmed deliveries to be offset against other contract liabilities.</p>
	17 Business Days following the month of delivery (M+17)	
Final Confirmation of Delivery Report and Invoice and Account Sale Details	By 09:00	The Clearing House makes the Daily Summary Report available for the previous month's deliveries.
		The Clearing House makes the Invoices and Account Sales available to Seller and Buyer for the previous month's deliveries.
	19 Business Days following the month of delivery (M+19)	
Payment	By 09:00	<p>Seller receives contract value (payment) for confirmed delivered amount in respect of deliveries for the preceding month as detailed on the Account Sale.</p> <p>Delivery contingent credit amounts are removed M+18 for morning of M+19.</p> <p>Buyer pays contract value for both performed and failed delivery amounts in respect of deliveries for the preceding month as detailed on the Invoice. Buyer's Security is released as part of the payment transaction.</p>

		N.B. A credit note may be issued at a later date against the failed deliveries.
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6. DELIVERY TIMETABLE FOR ICE TTF NATURAL GAS FUTURES: FAILED DELIVERY

	D+2	
Seller's Security and Buyer's Default Top up	By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
	10 Business Days following the month of delivery (M+10)	
Failed Delivery	By 09:00	The Clearing House makes the Invoice and Credit Note Report available to Sellers and Buyers for the previous month's failed deliveries.
	12 Business Days following the month of delivery (M+12)	
Payment for Failed Delivery	By 09:00	Seller makes payment for previous month's failed deliveries. Buyers make/receive payment or take receipt for previous month's failed deliveries.
	13 Business Days following the month of delivery (M+13)	
Release of Seller's and Buyer's Security against Failed Deliveries	By 09:00	Seller's Security and Buyer's Security held against failed deliveries is released following confirmation that payment has been made for all failed deliveries for the delivery month.

Note: in the event of a failed delivery, the Clearing House may retain Buyer's Security and/or Seller's Security.

Note: the above timetable can be altered without notice at the discretion of the Clearing House.

7. INVOICE AND ACCOUNT SALE CALCULATION

7.1 Invoice and Account Sale - Previous Month's Deliveries

The Invoice and Account Sale Report gives details of all deliveries made during the month preceding production.

Confirmed deliveries:

$$\text{kWh} * \text{MDSP} * 1 \text{ MWh} / 1000 \text{ kWh}$$

Where

kWh = the number of kilowatt hours delivered.

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

Failed Deliveries (Buyers only)

kWh * MDSP * 1 MWh / 1000 kWh

Where

kWh = the number of kilowatt hours delivered.

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

7.2 Invoice/Credit Note for Failed Deliveries

The Invoice and Credit Note Report gives details of the proportion of the Clearing House's costs, incurred from GTS, allocated to Clearing Members as a result of Buyer's and Seller's failed deliveries.

Credit Notes are issued to Buyers up to the contract value of the failed delivery, dependent on the value received by the Clearing House from GTS. In the event that the value received by the Clearing House is in excess of the contract value, any such excess will be passed on to ICE Futures Europe.

The Clearing House's costs are allocated pro rata to those Clearing Members whose failed deliveries have caused the Clearing House's net costs or charges arising from the balancing regime under the TSC.

8. DELIVERY DOCUMENTATION SUMMARY

Reports produced by the Clearing House are made available to Buyers and Sellers electronically.

Name of Delivery Document	Explanation	Timing
Daily Summary Report	This report summarises on a daily basis the deliverable positions by transferee/transferor.	By 9:00 Daily
Daily Detail Report	This report provides details of each day's deliveries.	By 9:00 Daily
ICE TTF Natural Gas Futures Delivery Confirmation Form	This form must be completed in full for all Contracts subject to delivery. It contains details of the Clearing Member mnemonic; Clearing Member account; Delivery Day or series of Delivery Days as specified in the first and last Delivery Day boxes; unique reference code for the instruction (free format maximum 10 characters); whether the instruction is a new instruction (N), an update to an existing instruction (U), a deletion of one previously submitted (D) or an unaltered existing instruction (E); number of lots long; number of lots short; and name of the nominated Transferee or Transferor.	By 11:00 on D-1
ICE TTF Natural Gas Futures: Transferee Form	The Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by the Transferee as confirmation that it will take delivery of Natural Gas at the TTF on all Delivery Days referred to on the ICE TTF Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1

DELIVERY PROCEDURES: ICE TTF NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
ICE TTF Natural Gas Futures: Transferor Form	The Seller must ensure that this form is submitted by the Transferor to the Clearing House. It must be signed by the Transferor as confirmation that it will make delivery of Natural Gas at the TTF on all Delivery Days referred to on the ICE UK Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE TTF Natural Gas Futures: Blanket Transferee Form	Where applicable, the Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by an authorised signatory of the Transferee as confirmation that they will take delivery of Natural Gas at the TTF on any Delivery Days nominated by the Buyer and referred to on the ICE TTF Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE TTF Natural Gas Futures: Blanket Transferor Form	Where applicable, the Seller must ensure that this form is submitted by the Transferor. It must be signed by an authorised signatory of the Transferor as confirmation that they will make delivery of Natural Gas at the TTF on any Delivery Days nominated by the Buyer and referred to on the ICE TTF Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE TTF Natural Gas Futures Confirmation Report	When available, Buyers and Sellers must promptly provide a copy of this report to the relevant Transferor(s) and Transferee(s). It is a Transferor/Transferee order and informs Buyers and Sellers of Clearing Member mnemonic; Transferee/Transferor; Delivery Day or series of Delivery Days as defined in paragraph 1 of this Section E from first Delivery Day to last Delivery Day; lots to be delivered; details of the Acquiring and/or Disposing Trade Nomination(s) to be entered by the Transferees/Transferors; and a statement that if the Transferor/Transferee fails to notify the Clearing House by the necessary deadline as specified in these Delivery Procedures, then the delivery obligation is irrevocably accepted and Transferor/Transferee will enter the correct Acquiring and/or Disposing Trade Nomination(s) into Edigas, by the relevant deadline and that the trade(s) nominations will not be amended or withdrawn unless instructed to do so by the Clearing House.	By 11:30 on D-1

DELIVERY PROCEDURES: ICE TTF NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
ICE TTF Natural Gas Futures Invoice and Account Sale	The reports give Buyers and Sellers details of: Clearing Member mnemonic; Clearing Member account; contract; delivery month; contracted kWh; actual delivered (matched) kWh; price in Euros per MWh; value of Natural Gas.	By 09:00 on M+17
Invoice Report and Credit Note Report: Failed Deliveries	The report gives Buyers and Sellers with failed deliveries during the previous delivery month details of Clearing Member mnemonic; Clearing Member account; contract; delivery month; Delivery Day; amount of failed delivery long (kWh); amount of failed delivery short (kWh); and total costs charged to the Clearing Member as a result of failed delivery/deliveries.	M+10 at 09:00.

~~PART F:~~PART F: ICE FUTURES GASPOOL NATURAL GAS FUTURES CONTRACT ("ICE GASPOOL NATURAL GAS FUTURES")

1. DEFINITIONS

1.1 The following additional definitions apply to this part of the Delivery Procedures:

- (a) The term "**Acquiring Trade Nomination**" means a nomination submitted, in the manner required by the GASPOOL Rules and otherwise in accordance with this Part F, by the Transferee to acquire rights in respect of one or more lots of Natural Gas at the GASPOOL Hub.
- (b) The terms "**D+**" or "**D-**" relate to the number of Business Days before and after the Delivery Day respectively on which rights to natural gas are to be transferred.
- (c) The term "**Delivery Day**" means the period beginning at 06:00 hours on a day on which the transfer of rights in respect of Natural Gas is due to be made under a Contract in accordance with ICE Futures Europe Rules and this Part F and ending at 06:00 hours on the following day.
- (d) The term "**Disposing Trade Nomination**" means a nomination submitted, in the manner required by the GASPOOL Rules and otherwise in accordance with ICE Futures Europe Rules and this Part F, by the Transferor to dispose of rights in respect of one or more lots of Natural Gas at the GASPOOL Hub.
- (e) The term "**GASPOOL**" means GASPOOL Balancing Services GmbH domiciled in Berlin Germany the operator of the market area co-operation between various gas network owners in Germany known as "GASPOOL" or any successor thereto.
- (f) The term "**GASPOOL Hub**" means, in respect of a Contract, a notional point within the Transmission System at which the balancing of the amounts of Natural Gas delivered into and out of the Transmission System takes place in accordance with the GASPOOL Rules.
- (g) The term "**GASPOOL Rules**" means the current GASPOOL Network Access Conditions and GASPOOL Balancing Group Contract and any manuals, procedures, practices or directions of GASPOOL which support the operation of GASPOOL as amended from time to time.
- (h) The term "**GASPOOL's Communication Facilities**" means GASPOOL's electronic facility which enables, *inter alia*, submission of a Trade Nomination to GASPOOL and to access information concerning the submitted Trade Nominations, and any successor system thereto.
- (i) The term "**kWh**" or "**Kilowatt Hours**" means 3,600,000 joules where "joule" is as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (j) The term "**M+**" or "**M-**" means, in respect of a Contract, the number of Business Days immediately following the last day of the month or the number of Business Days immediately preceding the first day of the month in which the Delivery Day specified in the Contract commenced.
- (k) The term "**Natural Gas**" means any hydrocarbons or mixture of hydrocarbons and other gases consisting predominantly of methane which at a temperature of 15 degrees Celsius and at an absolute pressure of 1.01325 bar are or is predominantly in the gaseous state where "degree Celsius" and "bar" are as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (l) The term "**Trade Nomination**" means in respect of a Contract either a Disposing Trade Nomination or an Acquiring Trade Nomination, as the case may be.

- (m) The term "**Trade Nomination Quantity**" means the quantity of Natural Gas nominated in a Trade Nomination.
- (n) The term "**Transmission System**" means the transmission pipeline system operated by GASPOOL as may be enlarged, extended or altered from time to time.

2. DELIVERY SPECIFICATION

Delivery Deliveries of ICE GASPOOL Natural Gas Futures are effected by the transfer of rights to Natural Gas at the GASPOOL Hub from a Transferor (nominated by the Seller, which may be the Seller itself) to the Clearing House and from the Clearing House to a Transferee (nominated by the Buyer, which may be the Buyer itself), through the input of Acquiring and Disposing Trade Nominations into GASPOOL's Communication Facilities. GASPOOL will take those Nominations into account when determining whether any costs or charges arise from the balancing regime under the GASPOOL Rules.

2.1 Quantity

ICE GASPOOL Natural Gas Futures trades in MWh and is delivered in kWh.

2.2 Price

The price at which the contract is delivered is the Market Delivery Settlement Price (MDSP) for the second Business Day immediately prior to the calendar day on which the Delivery Month commences in accordance with the ICE Futures Europe Rules.

2.3 Days and Times

All "timings" or times of day are London times.

2.4 Cessation of Trading

Monthly Contracts cease trading at 17:00 hours on the Business Day which is two Business Days prior to the first calendar day of the delivery month.

2.5 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

3. LIABILITY

3.1 The provisions of this paragraph 3 are without prejudice to the generality, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.

3.2 The Clearing House is not responsible for, and shall have no liability whatsoever as a result of:

- (a) the performance or non-performance of GASPOOL of its obligations under the GASPOOL Rules; or
- (b) the performance or non-performance of GASPOOL.

3.3 Neither the Buyer nor the Seller, nor their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or operation of the Transmission System or any part thereof or the performance or non-performance of GASPOOL except as otherwise expressly provided in the ICE Futures Europe Rules.

4. DELIVERY CONTRACT SECURITY

The Clearing House makes the Natural Gas Daily Summary Report available on a daily basis to Clearing Members with delivery positions.

(a) Buyer's Security

Buyer's Security is calculated by reference to the relevant MDSP plus a "Buyer's Default Top-up". The "Buyer's Default Top-up" is an amount calculated against the possibility of costs or charges arising from the balancing regime under the GASPOOL Rules.

The Clearing House may alter the calculation of Buyer's Security at any time or make adjustments in respect of specific Buyers.

(b) Seller's Security

Seller's Security is calculated against the Seller's Default Price (SDP) for the relevant Delivery Day.

The SDP is calculated by reference to costs and charges arising from the balancing regime under the GASPOOL Rules, or MDSP.

The Clearing House may alter the calculation of Seller's Security at any time or make adjustments in respect of a specific Seller.

5. DELIVERY TIMETABLE FOR ICE GASPOOL NATURAL GAS FUTURES: ROUTINE

2 Business Days prior to the 1st Delivery Day (M-2)		
Confirmation of Delivery positions - Provisional	By 09:00	The Daily Summary Report identifies Open Contract Positions at the close of business on M-3.
	By 7:00	Buyer and Seller submit known delivery details using ICE GASPOOL Natural Gas Futures: Delivery Confirmation Form for those Open Contract Positions, which are expected to be delivered.
Cessation of Trading	At 17:00	Monthly Contract ceases trading.
	By 18:00	EFPs and EFSs may be posted up to one hour following the cessation of trading. If final delivery Open Contract Positions are known, the Seller and Buyer may (but are not obliged to) submit to the Clearing House a completed ICE GASPOOL Natural Gas Futures Delivery Confirmation Form for those Open Contract Positions it expects to be delivered.
M-1		
Provision of Buyer's and Seller's Security	By 09:00	Seller and Buyer must provide the Clearing House with Seller's Security and Buyer's Security as appropriate. This is calculated for all deliverable Open Contract Positions at close of business on D-2 (which corresponds to M-2 for the first delivery day and M-1 for the second). The Clearing House may make adjustments to provisional Seller's Security or Buyer's Security by making intra-day calls at this time or other times on this day.

DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES

	By 10:00	Settlement instructions and Open Contract Positions transfers are entered into CPSECS for expired Contracts. Clearing Members with Open Contract Positions at this time for a Contract Set subject to delivery are obliged to make or take delivery.
	By 10:30	HIT report available on CPSECS to Clearing Members.
Submission of ICE GASPOOL Natural Gas Futures: Delivery Confirmation form	By 11:00	Buyer and Seller must, for all deliverable Open Contract Positions, submit a completed ICE GASPOOL Natural Gas Futures Delivery Confirmation Form. If delivery details are known, the ICE GASPOOL Natural Gas Futures Delivery Confirmation Form may be submitted to the Clearing House any time from the start of M-2, but must have been submitted by 11:00 hours on M-1.
Nomination of Transferor/Transferee	By 11:00	Seller or Buyer who is nominating a Transferor or Transferee in respect of a Contract must ensure that the Clearing House has in its possession a signed ICE GASPOOL Natural Gas Futures: Blanket Transferor Form or ICE GASPOOL Natural Gas Futures: Blanket Transferee Form (as applicable) for each nominated Transferor or Transferee, or a signed ICE GASPOOL Natural Gas Futures: Transferor Form or ICE GASPOOL Natural Gas Futures: Transferee Form for each nominated Transferor or Transferee. This Transferor/Transferee Form must be signed by an authorised signatory of the Transferor/Transferee.
ICE GASPOOL Natural Gas Futures Conversion and Confirmation Report	By 11:30	The ICE GASPOOL Natural Gas Futures Confirmation Reports, listing all deliverable positions in kWh for the Delivery Month, are made available to Clearing Members electronically. Where Clearing Members will have submitted email details for their Transferee/Transferors, this report will also be emailed directly to the Transferee/Transferors. It is the responsibility of the Clearing Member to ensure that each nominated Transferor/Transferee has received a copy of the ICE GASPOOL Natural Gas Futures Conversion and Confirmation Report.
	By 12:30	Seller and Buyer must each inform the Clearing House of any details on the ICE GASPOOL Natural Gas Futures Conversion and Confirmation Report that do not match their submitted ICE GASPOOL Natural Gas Futures Delivery Confirmation Form. Failure to notify the Clearing House by this deadline will constitute acceptance by the Seller and Buyer of their delivery obligations. If necessary, the Clearing House will then make any appropriate amendments to the ICE GASPOOL Natural Gas Futures Confirmation Report and resend it to Clearing Members.
Entry of Disposing and Acquiring Nominations	By 13:00	Seller and Buyer must ensure that their nominated Transferors/Transferees have entered the appropriate Disposing Trade Nomination(s)/Acquiring Trade Nominations(s) into GASPOOL's Communication Facilities. If by 15:30 one such Trade Nomination has not been accepted by GASPOOL, the DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES LND0CS01/599221.6-5 Clearing House, or its agent, may direct the Seller (or its Transferor) or the Buyer (or its Transferee) who submitted the Trade Nomination to amend or withdraw such Trade Nomination on such

DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES

		<p>terms as the Clearing House may consider appropriate until such Trade Nomination is accepted by GASPOOL.</p> <p>In the event that the Seller (or its Transferor) or Buyer (or its Transferee) have entered a Trade Nomination Quantity different from that appearing on the ICE GASPOOL Natural Gas Futures Confirmation Report, which has been accepted by GASPOOL under GASPOOL Rules, the Clearing House or its agent may direct the Seller (or its Transferor) or the Buyer (or its Transferee) to amend or withdraw such Trade Nomination on such terms as the Clearing House may consider appropriate.</p>
	Delivery Day (D) (or next Business Day if D is a Non-Clearing Day)	
	By 09:00	The Clearing House makes the Daily Summary Report available.
	D+2	
Seller's Security and Buyer's Default Top Up	By 09:00	<p>Seller's Security for actual delivered amount is released.</p> <p>The Clearing House releases the 'Buyer's Default Top-up' portion of the Buyer's Security on confirmed deliveries.</p> <p>Seller receives delivery contingent credit for confirmed deliveries.</p> <p>The Clearing House allows delivery contingent credit for confirmed deliveries to be offset against other contract liabilities.</p>
	17 Business Days following the month of delivery (M+17)	
Final Confirmation of Delivery Report and Invoice and Account Sale Details	By 09:00	The Clearing House makes the Daily Summary Report available for the previous month's deliveries.
		The Clearing House makes the Invoices and Account Sales available to Seller and Buyer for the previous month's deliveries.
	19 Business Days following the month of delivery (M+19)	
Payment	By 09:00	<p>Seller receives contract value (payment) for confirmed delivered amount in respect of deliveries for the preceding month as detailed on the Account Sale.</p> <p>Delivery contingent credit amounts are removed M+18 for morning of M+19.</p> <p>Buyer pays contract value for both performed and failed delivery amounts in respect of deliveries for the preceding month as detailed on the Invoice. Buyer's Security is released as part of the payment transaction.</p> <p>N.B. A credit note may be issued at a later date against the failed deliveries.</p>

6. DELIVERY TIMETABLE FOR ICE GASPOOL NATURAL GAS FUTURES: FAILED DELIVERY ~~D~~

Seller's Security and Buyer's Default Top up	D=2	
	By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
Failed Delivery	10 Business Days following the month of delivery (M+10)	
	By 09:00	The Clearing House makes the Invoice and Credit Note Report available to Sellers and Buyers for the previous month's failed deliveries.
Payment for Failed Delivery	12 Business Days following the month of delivery (M+12)	
	By 09:00	Seller makes payment for previous month's failed deliveries. Buyers make/receive payment or take receipt for previous month's failed deliveries.
Release of Seller's and Buyer's Security against Failed Deliveries	13 Business Days following the month of delivery (M+13)	
	By 09:00	Seller's Security and Buyer's Security held against failed deliveries is released following confirmation that payment has been made for all failed deliveries for the delivery month.

Note: in the event of a failed delivery, the Clearing House may retain Buyer's Security and/or Seller's Security.

Note: the above timetable can be altered without notice at the discretion of the Clearing House.

7. INVOICE AND ACCOUNT SALE CALCULATION

7.1 Invoice and Account Sale - Previous Month's Deliveries

The Invoice and Account Sale Report gives details of all deliveries made during the month preceding production.

Confirmed deliveries:

$$\text{kWh} * \text{MDSP} * 1 \text{ MWh} / 1000 \text{ kWh}$$

Where

kWh = the number of kilowatt hours delivered.

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

Failed Deliveries (Buyers only)

$$\text{kWh} * \text{MDSP} * 1 \text{ MWh} / 1000 \text{ kWh}$$

Where

kWh = the number of kilowatt hours delivered.

DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

7.2 Invoice/Credit Note for Failed Deliveries

The Invoice and Credit Note Report gives details of the proportion of the Clearing House's costs, incurred from GASPOOL, allocated to Clearing Members as a result of Buyer's and Seller's failed deliveries.

Credit Notes are issued to Buyers up to the contract value of the failed delivery, dependent on the value received by the Clearing House from GASPOOL. In the event that the value received by the Clearing House is in excess of the contract value, any such excess will be passed on to ICE Futures Europe.

The Clearing House's costs are allocated pro rata to those Clearing Members whose failed deliveries have caused the Clearing House's net costs or charges arising from the balancing regime under GASPOOL Rules.

8. DELIVERY DOCUMENTATION SUMMARY

Reports produced by the Clearing House are made available to Buyers and Sellers electronically.

Name of Delivery Document	Explanation	Timing
Daily Summary Report	This report summarises on a daily basis the deliverable positions by transferee/transferor.	By 9:00 Daily
Daily Detail Report	This report provides details of each day's deliveries.	By 9:00 Daily
ICE GASPOOL Natural Gas Futures Delivery Confirmation Form	This form must be completed in full for all Contracts subject to delivery. It contains details of the Clearing Member mnemonic; Clearing Member account; Delivery Day or series of Delivery Days as specified in the first and last Delivery Day boxes; unique reference code for the instruction (free format maximum 10 characters); whether the instruction is a new instruction (N), an update to an existing instruction (U), a deletion of one previously submitted (D) or an unaltered existing instruction (E); number of lots long; number of lots short; and name of the nominated Transferee or Transferor.	By 11:00 on D-1
ICE GASPOOL Natural Gas Futures: Transferee Form	The Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by the Transferee as confirmation that it will take delivery of Natural Gas on all Delivery Days referred to on the ICE GASPOOL Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE GASPOOL Natural Gas	The Seller must ensure that this form is submitted by the Transferor to the Clearing	By 11:00 on D-1

DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
Futures: Transferor Form	House. It must be signed by the Transferor as confirmation that it will make delivery of Natural Gas on all Delivery Days referred to on the ICE GASPOOL Natural Gas Futures Delivery Confirmation form.	
ICE GASPOOL Natural Gas Futures: Blanket Transferee Form	Where applicable, the Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by an authorised signatory of the Transferee as confirmation that they will take delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE GASPOOL Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE GASPOOL Natural Gas Futures: Blanket Transferor Form	Where applicable, the Seller must ensure that this form is submitted by the Transferor. It must be signed by an authorised signatory of the Transferor as confirmation that they will make delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE GASPOOL Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE GASPOOL Natural Gas Futures Confirmation Report	When available, Buyers and Sellers must promptly provide a copy of this report to the relevant Transferor(s) and Transferee(s). It is a Transferor/Transferee order and informs Buyers and Sellers of Clearing Member mnemonic; Transferee/Transferor; Delivery Day or series of Delivery Days as defined in paragraph 1 of this Section D from first Delivery Day to last Delivery Day; lots to be delivered; details of the Acquiring and/or Disposing Trade Nomination(s) to be entered by the Transferees/Transferors; and a statement that if the Transferor/Transferee fails to notify the Clearing House by the necessary deadline as specified in these Delivery Procedures, then the delivery obligation is irrevocably accepted and Transferor/Transferee will enter the correct Acquiring and/or Disposing Trade Nomination(s) into GASPOOL's Communication Facilities, by the relevant deadline and that the trade(s) nominations will not be amended or withdrawn unless instructed to do so by the Clearing House.	By 11:30 on D-1
ICE GASPOOL Natural Gas Futures Invoice and Account Sale	The reports give Buyers and Sellers details of: Clearing Member mnemonic; Clearing Member account; contract; delivery month; contracted kWh; actual delivered (matched)	By 09:00 on M+17

DELIVERY PROCEDURES: ICE GASPOOL NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
	kWh; price in Euros per MWh; value of Natural Gas.	
Invoice Report and Credit Note Report: Failed Deliveries	The report gives Buyers and Sellers with failed deliveries during the previous delivery month details of Clearing Member mnemonic; Clearing Member account; contract; delivery month; Delivery Day; amount of failed delivery long (kWh); amount of failed delivery short (kWh); and total costs charged to the Clearing Member as a result of failed delivery/deliveries.	M+10 at 09:00

~~PART G:~~

PART G: ICE FUTURES NCG NATURAL GAS FUTURES CONTRACT ("ICE NCG NATURAL GAS FUTURES")

1. DEFINITIONS

1.1 The following additional definitions apply to this part of the Delivery Procedures:

- (a) The term "**Acquiring Trade Nomination**" means a nomination submitted, in the manner required by the NCG Rules and otherwise in accordance with this Part G, by the Transferee to acquire rights in respect of one or more lots of Natural Gas at the VTP operated by NCG.
- (b) The terms "**D+**" or "**D-**" relate to the number of Business Days before and after the Delivery Day respectively on which rights to natural gas are to be transferred.
- (c) The term "**Delivery Day**" means the period beginning at 06:00 hours on a day on which the transfer of rights in respect of Natural Gas is due to be made under a Contract in accordance with ICE Futures Europe Rules and this Part G and ending at 06:00 hours on the following day.
- (d) The term "**Disposing Trade Nomination**" means a nomination submitted, in the manner required by the NCG Rules and otherwise in accordance with ICE Futures Europe Rules and this Part D, by the Transferor to dispose of rights in respect of one or more lots of Natural Gas at the VTP operated by NCG.
- (e) The term "**kWh**" or "**Kilowatt Hours**" means 3,600,000 joules where "joule" is as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (f) The term "**M+**" or "**M-**" means, in respect of a Contract, the number of Business Days immediately following the last day of the month or the number of Business Days immediately preceding the first day of the month in which the Delivery Day specified in the Contract commenced.
- (g) The term "**Natural Gas**" means any hydrocarbons or mixture of hydrocarbons and other gases consisting predominantly of methane which at a temperature of 15 degrees Celsius and at an absolute pressure of 1.01325 bar are or is predominantly in the gaseous state where "degree Celsius" and "bar" are as defined in ISO 1000:1992(E) or any standard replacing the same as nominated by ICE Futures Europe.
- (h) The term "**NCG**" means NetConnect Germany GmbH & Co. KG domiciled in Ratingen Germany the operator of the market area co-operation between various gas network owners in Germany known as "NCG" or any successor thereto.
- (i) The term "**NCG's Communication Facilities**" means NCG's electronic facility which enables, *inter alia*, submission of a Trade Nomination to NCG and to access information concerning the submitted Trade Nominations, and any successor system thereto.
- (j) The term "**NetConnect Germany (NCG) Rules**" means the current NCG Network Access Conditions and NCG Balancing Group Contract and any manuals, procedures, practices or directions of NCG which support the operation of NCG as amended from time to time.
- (k) The term "**Trade Nomination**" means in respect of a Contract either a Disposing Trade Nomination or an Acquiring Trade Nomination, as the case may be.
- (l) The term "**Trade Nomination Quantity**" means the quantity of Natural Gas nominated in a Trade Nomination.

- (m) The term "**Transmission System**" means the transmission pipeline system operated by NCG as may be enlarged, extended or altered from time to time.
- (n) The term "**Virtual Trading Point**" (VTP) means, in respect of a Contract, a notional point within the Transmission System at which the balancing of the amounts of Natural Gas delivered into and out of the Transmission System takes place in accordance with the NCG Rules.

2. DELIVERY SPECIFICATION

2.1 Delivery

Deliveries of ICE NCG Natural Gas Futures are effected by the transfer of rights to Natural Gas at the Virtual Trading Point from a Transferor (nominated by the Seller, which may be the Seller itself) to the Clearing House and from the Clearing House to a Transferee (nominated by the Buyer, which may be the Buyer itself), through the input of Acquiring and Disposing Trade Nominations into the NCG's Communication Facilities. NCG will take those Nominations into account when determining whether any costs or charges arise from the balancing regime under the NCG Rules.

2.2 Quantity

ICE NCG Natural Gas Futures trades in MWh and is delivered in kWh.

2.3 Price

The price at which the contract is delivered is the Market Delivery Settlement Price (MDSP) for the second Business Day immediately prior to the calendar day on which the Delivery Month commences in accordance with the ICE Futures Europe Rules.

2.4 Days and Times

All "timings" or times of day are London times.

2.5 Cessation of Trading

Monthly Contracts cease trading at 17:00 hours on the Business Day which is two Business Days prior to the first calendar day of the delivery month.

2.6 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

In accordance with ICE Futures Europe Rules, EFPs and EFSs may be posted on TRS up to one hour following the cessation of trading.

3. LIABILITY

- 3.1 The provisions of this paragraph 3 are without prejudice to the generality, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.
- 3.2 The Clearing House is not responsible for, and shall have no liability whatsoever as a result of:
 - (a) the performance or non-performance of NCG of its obligations under the NCG Rules; or
 - (b) the performance or non-performance of NCG.
- 3.3 Neither the Buyer nor the Seller, nor their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

operation of the Transmission System or any part thereof or the performance or non-performance of NCG except as otherwise expressly provided in the ICE Futures Europe Rules.

4. DELIVERY CONTRACT SECURITY

The Clearing House makes the Natural Gas Daily Summary Report available on a daily basis to Clearing Members with delivery positions.

(a) Buyer's Security

Buyer's Security is calculated by reference to the relevant MDSP plus a "Buyer's Default Top-up". The "Buyer's Default Top-up" is an amount calculated against the possibility of costs or charges arising from the balancing regime under the NCG Rules.

The Clearing House may alter the calculation of Buyer's Security at any time or make adjustments in respect of specific Buyers.

(b) Seller's Security

Seller's Security is calculated against the Seller's Default Price (SDP) for the relevant Delivery Day.

The SDP is calculated by reference to costs and charges arising from the balancing regime under the NCG Rules, or MDSP.

The Clearing House may alter the calculation of Seller's Security at any time or make adjustments in respect of a specific Seller.

5. DELIVERY TIMETABLE FOR ICE NCG NATURAL GAS FUTURES: ROUTINE

2 Business Days prior to the 1 st Delivery Day (M-2)		
Confirmation of Delivery positions – Provisional	By 09:00	The Daily Summary Report identifies Open Contract Positions at the close of business on M-3.
	By 17:00	Buyer and Seller submit known delivery details using ICE NCG Natural Gas Futures: Delivery Confirmation Form for those Open Contract Positions, which are expected to be delivered.
Cessation of Trading	At 17:00	Monthly Contract ceases trading.
	By 18:00	EFPs and EFSs may be posted up to one hour following the cessation of trading. If final delivery Open Contract Positions are known, the Seller and Buyer may (but are not obliged to) submit to the Clearing House a completed ICE NCG Natural Gas Futures Delivery Confirmation Form for those Open Contract Positions it expects to be delivered.
M-1		
Provision of Buyer's and Seller's Security	By 09:00	Seller and Buyer must provide the Clearing House with Seller's Security and Buyer's Security as appropriate. This is calculated for all deliverable Open Contract Positions at close of business on D-2 (which corresponds to M-2 for the first delivery day and M-1 for the second).

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

		The Clearing House may make adjustments to provisional Seller's Security or Buyer's Security by making intra-day calls at this time or other times on this day.
	By 10:00	Settlement instructions and Open Contract Positions transfers are entered into CPSECS for expired Contracts. Clearing Members with Open Contract Positions at this time for a Contract Set subject to delivery are obliged to make or take delivery.
	By 10:30	HIT report available on CPSECS to Clearing Members.
Submission of ICE NCG Natural Gas Futures: Delivery Confirmation form	By 11:00	Buyer and Seller must, for all deliverable Open Contract Positions, submit a completed ICE NCG Natural Gas Futures Delivery Confirmation Form. If delivery details are known, the ICE NCG Natural Gas Futures Delivery Confirmation Form may be submitted to the Clearing House any time from the start of M-2, but must have been submitted by 11:00 hours on M-1.
Nomination of Transferor/Transferee	By 11:00	Seller or Buyer who is nominating a Transferor or Transferee in respect of a Contract must ensure that the Clearing House has in its possession a signed ICE NCG Natural Gas Futures: Blanket Transferor Form or ICE NCG Natural Gas Futures: Blanket Transferee Form (as applicable) for each nominated Transferor or Transferee, or a signed ICE NCG Natural Gas Futures: Transferor Form or ICE NCG Natural Gas Futures: Transferee Form for each nominated Transferor or Transferee. This Transferor/Transferee Form must be signed by an authorised signatory of the Transferor/Transferee.
ICE NCG Natural Gas Futures Conversion and Confirmation Report	By 11:30	The ICE NCG Natural Gas Futures Confirmation Reports, listing all deliverable positions in kWh for the Delivery Month, are made available to Clearing Members electronically. Where Clearing Members will have submitted email details for their Transferee/Transferors, this report will also be emailed directly to the Transferee/Transferors. It is the responsibility of the Clearing Member to ensure that each nominated Transferor/Transferee has received a copy of the ICE NCG Natural Gas Futures Conversion and Confirmation Report.
	By 12:30	Seller and Buyer must each inform the Clearing House of any details on the ICE NCG Natural Gas Futures Conversion and Confirmation Report that do not match their submitted ICE NCG Natural Gas Futures Delivery Confirmation Form. Failure to notify the Clearing House by this deadline will constitute acceptance by the Seller and Buyer of their delivery obligations. If necessary, the Clearing House will then make any appropriate amendments to the ICE NCG Natural Gas Futures Confirmation Report and resend it to Clearing Members.
Entry of Disposing and Acquiring Nominations	By 13:00	Seller and Buyer must ensure that their nominated Transferors/Transferees have entered the appropriate Disposing Trade Nomination(s)/Acquiring Trade Nominations(s) into NCG's

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

		<p>Communication Facilities.</p> <p>If by 15:30 one such Trade Nomination has not been accepted by NCG, the Clearing House, or its agent, may direct the Seller (or its Transferor) or the Buyer (or its Transferee) who submitted the Trade Nomination to amend or withdraw such Trade Nomination on such terms as the Clearing House may consider appropriate until such Trade Nomination is accepted by NCG.</p> <p>In the event that the Seller (or its Transferor) or Buyer (or its Transferee) have entered a Trade Nomination Quantity different from that appearing on the ICE NCG Natural Gas Futures Confirmation Report, which has been accepted by NCG under NCG Rules, the Clearing House or its agent may direct the Seller (or its Transferor) or the Buyer (or its Transferee) to amend or withdraw such Trade Nomination on such terms as the Clearing House may consider appropriate.</p>
	Delivery Day (D) (or next Business Day if D is a Non-Clearing Day)	
	By 09:00	The Clearing House makes the Daily Summary Report available.
	D+2	
Seller's Security and Buyer's Default Top Up	By 09:00	<p>Seller's Security for actual delivered amount is released.</p> <p>The Clearing House releases the 'Buyer's Default Top-up' portion of the Buyer's Security on confirmed deliveries.</p> <p>Seller receives delivery contingent credit for confirmed deliveries.</p> <p>The Clearing House allows delivery contingent credit for confirmed deliveries to be offset against other contract liabilities.</p>
	17 Business Days following the month of delivery (M+17)	
Final Confirmation of Delivery Report and Invoice and Account Sale Details	By 09:00	The Clearing House makes the Daily Summary Report available for the previous month's deliveries.
		The Clearing House makes the Invoices and Account Sales available to Seller and Buyer for the previous month's deliveries.
	19 Business Days following the month of delivery (M+19)	
Payment	By 09:00	<p>Seller receives contract value (payment) for confirmed delivered amount in respect of deliveries for the preceding month as detailed on the Account Sale.</p> <p>Delivery contingent credit amounts are removed M+18 for morning of M+19.</p>

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

		<p>Buyer pays contract value for both performed and failed delivery amounts in respect of deliveries for the preceding month as detailed on the Invoice. Buyer's Security is released as part of the payment transaction.</p> <p>N.B. A credit note may be issued at a later date against the failed deliveries.</p>
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6. DELIVERY TIMETABLE FOR ICE NCG NATURAL GAS FUTURES: FAILED DELIVERY

Seller's Security and Buyer's Default Top up	D+2	
	By 09:00	In the event of a failed delivery, the Clearing House may call additional Seller's Security and/or Buyer's Security.
Failed Delivery	10 Business Days following the month of delivery (M+10)	
	By 09:00	The Clearing House makes the Invoice and Credit Note Report available to Sellers and Buyers for the previous month's failed deliveries.
Payment for Failed Delivery	12 Business Days following the month of delivery (M+12)	
	By 09:00	<p>Seller makes payment for previous month's failed deliveries.</p> <p>Buyers make/receive payment or take receipt for previous month's failed deliveries.</p>
Release of Seller's and Buyer's Security against Failed Deliveries	13 Business Days following the month of delivery (M+13)	
	By 09:00	Seller's Security and Buyer's Security held against failed deliveries is released following confirmation that payment has been made for all failed deliveries for the delivery month.

Note: in the event of a failed delivery, the Clearing House may retain Buyer's Security and/or Seller's Security.

Note: the above timetable can be altered without notice at the discretion of the Clearing House.

7. INVOICE AND ACCOUNT SALE CALCULATION

7.1 Invoice and Account Sale - Previous Month's Deliveries

The Invoice and Account Sale Report gives details of all deliveries made during the month preceding production.

Confirmed deliveries:

$$\text{kWh} * \text{MDSP} * 1 \text{ MWh} / 1000 \text{ kWh}$$

Where

kWh = the number of kilowatt hours delivered.

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

Failed Deliveries (Buyers only)

kWh * MDSP * 1 MWh / 1000 kWh

Where

kWh = the number of kilowatt hours delivered.

MDSP = The relevant Market Delivery Settlement Price for the day of delivery, quoted in Euros per MWh.

7.2 Invoice/Credit Note for Failed Deliveries

The Invoice and Credit Note Report gives details of the proportion of the Clearing House's costs, incurred from NCG, allocated to Clearing Members as a result of Buyer's and Seller's failed deliveries.

Credit Notes are issued to Buyers up to the contract value of the failed delivery, dependent on the value received by the Clearing House from NCG. In the event that the value received by the Clearing House is in excess of the contract value, any such excess will be passed on to ICE Futures Europe.

The Clearing House's costs are allocated pro rata to those Clearing Members whose failed deliveries have caused the Clearing House's net costs or charges arising from the balancing regime under NCG Rules.

8. DELIVERY DOCUMENTATION SUMMARY

Reports produced by the Clearing House are made available to Buyers and Sellers electronically.

Name of Delivery Document	Explanation	Timing
Daily Summary Report	This report summarises on a daily basis the deliverable positions by transferee/transferor.	By 9:00 Daily
Daily Detail Report	This report provides details of each day's deliveries.	By 9:00 Daily
ICE NCG Natural Gas Futures Delivery Confirmation Form	This form must be completed in full for all Contracts subject to delivery. It contains details of the Clearing Member mnemonic; Clearing Member account; Delivery Day or series of Delivery Days as specified in the first and last Delivery Day boxes; unique reference code for the instruction (free format maximum 10 characters); whether the instruction is a new instruction (N), an update to an existing instruction (U), a deletion of one previously submitted (D) or an unaltered existing instruction (E); number of lots long; number of lots short; and name of the nominated Transferee or Transferor.	By 11:00 on D-1
ICE NCG Natural Gas Futures: Transferee Form	The Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by the Transferee as confirmation that it will take delivery of Natural Gas on all Delivery Days referred to on the ICE NCG Natural Gas Futures Delivery	By 11:00 on D-1

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
	Confirmation form.	
ICE NCG Natural Gas Futures: Transferor Form	The Seller must ensure that this form is submitted by the Transferor to the Clearing House. It must be signed by the Transferor as confirmation that it will make delivery of Natural Gas on all Delivery Days referred to on the ICE NCG Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE NCG Natural Gas Futures: Blanket Transferee Form	Where applicable, the Buyer must ensure that this form is submitted by the Transferee to the Clearing House. It must be signed by an authorised signatory of the Transferee as confirmation that they will take delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE NCG Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE NCG Natural Gas Futures: Blanket Transferor Form	Where applicable, the Seller must ensure that this form is submitted by the Transferor. It must be signed by an authorised signatory of the Transferor as confirmation that they will make delivery of Natural Gas on any Delivery Days nominated by the Buyer and referred to on the ICE NCG Natural Gas Futures Delivery Confirmation form.	By 11:00 on D-1
ICE NCG Natural Gas Futures Confirmation Report	When available, Buyers and Sellers must promptly provide a copy of this report to the relevant Transferor(s) and Transferee(s). It is a Transferor/Transferee order and informs Buyers and Sellers of Clearing Member mnemonic; Transferee/Transferor; Delivery Day or series of Delivery Days as defined in paragraph 1 of this Section D from first Delivery Day to last Delivery Day; lots to be delivered; details of the Acquiring and/or Disposing Trade Nomination(s) to be entered by the Transferees/Transferors; and a statement that if the Transferor/Transferee fails to notify the Clearing House by the necessary deadline as specified in these Delivery Procedures, then the delivery obligation is irrevocably accepted and Transferor/Transferee will enter the correct Acquiring and/or Disposing Trade Nomination(s) into NCG's Communication Facilities, by the relevant deadline and that the trade(s) nominations will not be amended or withdrawn unless instructed to do so by the Clearing House.	By 11:30 on D-1
ICE NCG Natural Gas Futures	The reports give Buyers and Sellers details of:	By 09:00 on

DELIVERY PROCEDURES: ICE NCG NATURAL GAS FUTURES

Name of Delivery Document	Explanation	Timing
Invoice and Account Sale	Clearing Member mnemonic; Clearing Member account; contract; delivery month; contracted kWh; actual delivered (matched) kWh; price in Euros per MWh; value of Natural Gas.	M+17
Invoice Report and Credit Note Report: Failed Deliveries	The report gives Buyers and Sellers with failed deliveries during the previous delivery month details of Clearing Member mnemonic; Clearing Member account; contract; delivery month; Delivery Day; amount of failed delivery long (kWh); amount of failed delivery short (kWh); and total costs charged to the Clearing Member as a result of failed delivery/deliveries.	M+10 at 09:00.

~~PART H:~~

PART H: ICE DELIVERABLE US EMISSIONS CONTRACTS

1. ~~APPLICABILITY~~APPLICABILITY AND DEFINITIONS

1.1 This Part H applies to all ICE OTC Contracts and ICE Futures US Contracts for which physical delivery is specified as being ‘Applicable’ in the relevant Contract Terms and which go to physical delivery on the expiry date. Such ICE OTC Contracts and ICE Futures US Contracts are referred to in this section as “ICE Deliverable US Emissions Contracts”.

1.2 The following additional definitions apply to this part of the Delivery Procedures:

- (a) “**Allowance**” means an instrument, certificate, permit, asset, security, right, contract or allowance that is designated as a deliverable instrument for an ICE Deliverable US Emissions Contract in the relevant Contract Terms.
- (b) “**Registry**” means a registry, custodian, depository or other system used for physical delivery of Allowances pursuant to an ICE Deliverable US Emissions Contracts that is approved by the Clearing House for purposes of physical delivery for the particular ICE Deliverable US Emissions Contract Set in question. The Registry for a particular ICE Deliverable US Emissions Contract Set may be specified in the Contract Terms.
- (c) “**Registry Operator**” means the operator of a Registry.

2. DELIVERY SPECIFICATION

2.1 Delivery

Deliveries pursuant to ICE Deliverable US Emissions Contracts are effected by the transfer of required Allowances directly from a Transferor (nominated by the Seller, which may be the Seller itself) to a Transferee (nominated by the Buyer, which may be the Buyer itself) through a Registry. Rule 703(d) applies to such deliveries.

2.2 Quantity

Quantities are as required under the relevant Contract Terms.

2.3 Price

The price at which the Contract is delivered is the relevant Market Delivery Settlement Price (MDSP) for the Contract Set on expiry.

2.4 Cessation of Trading

Contracts cease trading on the last trading day, as defined in the Contract Terms.

2.5 Exchange for Physicals (EFPs) and Exchange for Swaps (EFSs)

EFPs and EFSs may be made only in accordance with either ICE OTC Participant Agreements and applicable procedures of the ICE OTC Operator or the ICE Futures US Rules (as applicable).

3. LIABILITY

3.1 The provisions of this paragraph 3 are without prejudice to the generality of, and subject to, the provisions of the Rules relating to liability and apply in addition to the general requirements of these Delivery Procedures.

DELIVERY PROCEDURES: ICE DELIVERABLE US EMISSIONS CONTRACTS

3.2 None of the Clearing House, the ICE OTC Operator nor ICE Futures US is responsible for, and none of them shall have any liability whatsoever as a result of, the performance or non-performance of any Registry or Registry Operator. Neither the Buyer nor the Seller, their Transferees or Transferors, shall have any claim against the Clearing House for any loss, cost, damage or expense incurred or suffered as a result of the condition or operation of any Registry or the performance or non-performance of any Registry Operator. This provision is without prejudice to the Clearing House’s liability under Contracts.

3.3 None of the Clearing House, ICE Futures US nor the ICE OTC Operator makes any representation regarding the authenticity, validity or accuracy of any delivery tender notice, description of a registry, market tracking system or any other registry instructions, confirmation of transfer or any other notice, document, file, record or instrument used or delivered pursuant to the Rules and Procedures or pursuant to the procedures of any Registry.

4. DELIVERY CONTRACT SECURITY AND CONTRACT VALUE

4.1 At end-of-day on the relevant Position Day for the Contract Set, the Clearing House will call for the full contract value of the Contract from the Buyer, such amount to be paid in accordance with the Finance Procedures.

4.2 At end-of-business on the last trading day, the Clearing House will call for delivery Margin (Seller’s Security) from the Seller, such amount to be paid in accordance with the Finance Procedures. The Clearing House will retain the Seller’s Security until such time as the full contract value is released to the Seller under the table in paragraph 5.

5. DELIVERY TIMETABLE AND OBLIGATIONS

Delivery under an ICE Deliverable US Emissions Contract is based on Open Contract Positions after expiration of the relevant Contract Set. Delivery is a three Business Day process consisting of three consecutive days which must be Business Days: the Position Day, Notice Day and Delivery Day. However, payments may take place after the end of the Delivery Day, as provided in the table below and the Finance Procedures.

5.1 All times in this section are to U.S. Central Time.

5.2 Use of relevant registry

(a) Clearing Members and their Transferors or Transferees must have established accounts in the relevant Registry for the ICE Deliverable US Emissions Contract in question.

		First Business Day following expiration of the Contract Set
Position Day	By 10:00	Clearing Members must report their Long Open Contract Positions and tender delivery notices to the Clearing House. Clearing Members must report to their Long futures positions and tender delivery notices to the Clearing House by sending a “Delivery Position Reporting” form.
	There after	Following receipt of all such required forms from Clearing Members in respect of a particular Set, the Clearing House will make appropriate delivery assignments, matching Clearing Members that are Buyers to Clearing Members that are Sellers for the purposes of them making delivery to one another for purposes of Rule 703(d). Clearing House calls Buyer for full contract value.

DELIVERY PROCEDURES: ICE DELIVERABLE US EMISSIONS CONTRACTS

Notice Day	Position Day +1 Business Day	
	By 16:00	<p>The Seller must provide to the Buyer a description of the underlying Allowances to be delivered.</p> <p>The Buyer must provide the Seller with information of the account at the Registry to which Allowances are to be transferred, which may be an account of its Transferee.</p>
	By 17:00	The Seller must ensure that appropriate Allowances (delivery of which would satisfy its delivery obligations) are in its designated account at the relevant Registry.
Delivery Day	Position Day + 2 Business Days	
	By 12:00	The Seller shall ensure that it or its Transferor has electronically submitted the transfer instructions in respect of all Allowances required to be transferred pursuant to the Contract to the relevant Registry.
	Following delivery	Buyer must deliver a “Receipt of Delivery Confirmation” form to the Clearing House, following receipt in its account at the relevant Registry of the Allowances. Such a form will constitute a representation and warranty from the Buyer to the Clearing House that the Buyer has received delivery of all required Allowances pursuant to the Contract under delivery, and that the Buyer is not aware of any dispute relating to the Allowances that have been delivered.
Payment	Delivery Day (if Receipt of Delivery Confirmation received before 13:00) or a following Business Day	
	By 13:00	Buyer must deliver the “Receipt of Delivery Confirmation” to the Clearing House on Delivery Day.
	After receipt	<p>After receipt by the Clearing House of the “Receipt of Delivery Confirmation” from the Buyer, the Clearing House releases the delivery proceeds to the Seller.</p> <p>The delivery proceeds and Seller’s Security will be released to the Seller at the end-of-day on the same day as receipt by the Clearing House of the “Receipt of Delivery Confirmation” (for credit to the account of the Seller, this not being required prior to the morning of the Business Day after the Delivery Day), provided that the “Receipt of Delivery Confirmation” is received by the Clearing House at or before 1:00 p.m. U.S. Central Time on the Delivery Day.</p> <p>If the Clearing House receives a “Receipt of Delivery Confirmation” after such time on the Delivery Day or any subsequent day, it will be treated as if it were received on the next Business Day and payments to the Seller shall be delayed accordingly.</p>

PART I: LIFFE COCOA CONTRACTS

1. DELIVERY SPECIFICATION

1.1 Quality

Cocoa shall be delivered of a growth and quality as specified in the LIFFE Rules.

1.2 Price

The price at which the Cocoa is delivered is the Market Delivery Settlement Price on the Business Day immediately preceding the day of tender, adjusted in accordance with the LIFFE Rules.

1.3 Scope

Cocoa shall be delivered from a nominated warehouse as defined in the LIFFE Rules.

1.4 Cessation of Trading

Cocoa delivery months cease trading on the last trading day, as specified in the Contract Terms, which unless specified otherwise in the Market Rules is at 12:00, eleven Business Days prior to the last Business Day of the delivery month. Sellers' Tenders must be submitted by 10:00 the following day (the "Notice Day").

DELIVERY TIMETABLE FOR LIFFE COCOA CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
<u>Cessation of Trading</u>	<u>11 Business Days prior to the last Business Day of the delivery month</u>	
	<u>By 12:00</u>	<u>The cocoa delivery month ceases trading.</u>
<u>Notice Day</u>	<u>The day following cessation of trading (Notice Day)</u>	
	<u>By 10:00</u>	<p><u>All Clearing Members perform position maintenance.</u></p> <p><u>Remaining Open Contract Positions automatically become subject to delivery obligations.</u></p> <p><u>Clearing Members with a deliverable Short Open Contract Position must submit the details of the lots to be delivered via LIFFE Guardian.</u></p> <p><u>Clearing Members with an Open Contract Position as Buyer must submit a Buyer's Position Notice via LIFFE Guardian which should give details of the 'shape' of the positions that are required for delivery.</u></p> <p><u>Sellers must input delivery notices via LIFFE Guardian. Sellers' delivery notices may be deleted by Clearing Members via LIFFE Guardian.</u></p> <p><u>Clearing Members must ensure that all settlements and transfers are completed in UCP by the 10:00 deadline.</u></p>
<u>First Allocation</u>	<u>After 10:00</u>	<p><u>First allocation of cocoa to Buyers. Buyers are not informed of the allocation details at this time unless there are no conversions to be made.</u></p> <p><u>HIT report available on UCP, informing Buyers of the number of lots allocated.</u></p>
<u>Conversion of lots</u>	<u>By 16:00</u>	<p><u>The Clearing House may direct Sellers to convert bulk ("BDU") or large ("LDU") delivery units into LDU or standard ("SDU") delivery units.</u></p> <p><u>LIFFE will be notified of these directions.</u></p>
	<u>After 16:00</u>	<u>Sellers can obtain details of the BDU and LDU to be converted via LIFFE Guardian.</u>

	<u>TIME</u>	<u>ACTION</u>
<u>Conversion Notice</u>	<u>First Business Day after the Notice Day</u>	
	<u>By 12:00</u>	<p><u>Sellers who have been directed to convert must give notice via LIFFE Guardian that they will either:</u></p> <ul style="list-style-type: none"> - <u>comply with the conversion as instructed</u> <p><u>or</u></p> <ul style="list-style-type: none"> - <u>convert alternative delivery units, and provide details of those units</u> <p><u>or</u></p> <ul style="list-style-type: none"> - <u>provide substitute delivery units, and give details of those units.</u> <p><u>In the cases where different delivery units will be converted, the alternate units proposed for conversion must both match the Clearing House's requirements to fulfil delivery to Buyers and must be of an equivalent or better quality.</u></p> <p><u>In the cases where a Seller, in place of performing a conversion, substitutes a delivered unit via LIFFE Guardian, the substitution must meet the Clearing House's requirements to facilitate delivery.</u></p>
<u>Second Allocation</u>	<u>By 16:00</u>	<p><u>Second allocation of Cocoa to Buyers.</u></p> <p><u>The following are made available to Sellers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>account sale report.</u> - <u>delivery details.</u> <p><u>The following are made available to Buyers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>invoice report.</u> - <u>delivery details.</u>
<u>LDU Conversion Notice</u>	<u>First Business Day prior to the Settlement Day</u>	
	<u>At or prior to 10:00</u>	<p><u>Sellers who have been directed to convert LDU must give notice via LIFFE Guardian that:</u></p> <ul style="list-style-type: none"> - <u>they have complied with the conversion as instructed,</u> <p><u>and</u></p> <ul style="list-style-type: none"> - <u>arranged for the warehousekeeper/s to provide updated delivery details in respect of the converted delivery units.</u>
	<u>By 16:00</u>	<p><u>Where necessary the following are made available to Sellers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>final account sale report.</u> - <u>warrant delivery instructions report.</u> - <u>delivery details.</u> <p><u>Where necessary the following are made available to Buyers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>final invoice report.</u> - <u>delivery details.</u>

	<u>TIME</u>	<u>ACTION</u>
<u>Settlement Day</u>	<u>Last Business Day of delivery month (Settlement Day)</u>	
	<u>By 09:00</u>	<u>The Clearing House debits Buyers, as detailed on the Invoices</u>
	<u>After 09:30</u>	<u>The Clearing House credits Sellers, as detailed on the Account Sales.</u> <u>The Clearing House transfers the warrants to Buyers via LIFFE Guardian.</u>
<u>BDU Notice</u>	<u>First Business Day prior to the Conversion Settlement Day</u>	
	<u>At or prior to 10:00</u>	<p><u>Sellers who have been directed to convert BDUs must give notice via LIFFE Guardian that:</u></p> <ul style="list-style-type: none"> - <u>they have complied with the conversion as instructed</u> <p><u>and</u></p> <ul style="list-style-type: none"> - <u>arranged for the warehousekeeper/s to provide updated delivery details to LIFFE Guardian in respect of the converted delivery units</u> <p><u>or</u></p> <ul style="list-style-type: none"> - <u>they are unable to complete conversion in time and wish to apply for an extension to conversion.</u> <p><u>Where a Seller has applied for an extension to conversion, it must provide reasons for the conversion having not been completed and Buyers and LIFFE will be informed of such Seller's application.</u></p> <p><u>Where it is determined that an extension is to be granted, the Seller and Buyer will be informed accordingly.</u></p>
<u>Extension to conversion</u>	<u>By 16:00</u>	<p><u>Where necessary the following are made available via LIFFE Guardian to Sellers:</u></p> <ul style="list-style-type: none"> - <u>final account sale report.</u> - <u>delivery details.</u> <p><u>Where necessary the following are made available to Buyers:</u></p> <ul style="list-style-type: none"> - <u>final invoice report.</u> - <u>delivery details.</u>
<u>BDU Notice</u>	<u>First Business Day prior to the Extended Conversion Settlement Day</u>	
	<u>At or prior to 10:00</u>	<p><u>Sellers who have been directed to convert BDUs must give notice via LIFFE Guardian that:</u></p> <ul style="list-style-type: none"> - <u>they have complied with the conversion as instructed</u> <p><u>and</u></p> <ul style="list-style-type: none"> - <u>arranged for the warehousekeeper/s to provide updated delivery details in respect of the converted delivery units</u>

DELIVERY PROCEDURES: **SCHEDULE OF FORMS AND REPORTS** LIFFE COCOA CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
	<u>By 16:00</u>	<p><u>Where necessary</u> the following are made available to Sellers via <u>LIFFE Guardian</u>:</p> <ul style="list-style-type: none"> - <u>final account sale report.</u> - <u>delivery details.</u> <p><u>Where necessary</u> the following are made available to Buyers:</p> <ul style="list-style-type: none"> - <u>final invoice report.</u> - <u>delivery details.</u>
<u>Settlement Day, Conversion Settlement Day and Extended Settlement Day</u>	<u>Last Business Day of delivery month/10 Business Days after Settlement Day/ 10 Business Days after Conversion Settlement Day</u>	
	<u>By 09:00</u>	<u>The Clearing House debits Buyers, as detailed on the Invoices.</u>
	<u>After 09:30</u>	<p><u>The Clearing House credits Sellers, as detailed on the Account Sales.</u></p> <p><u>The Clearing House transfers the warrants to Buyers via LIFFE Guardian.</u></p>
<u>Substitution of Delivery Unit</u>	<u>10 Business Days after Settlement Day or 7 Business Days after either the Conversion Settlement Day or the Extended Conversion Settlement Day</u>	
	<u>By 12:00</u>	<p><u>A Seller may substitute a delivery unit with the Buyer’s prior consent (or in the case of dispute, if ordered to do so by LIFFE), via LIFFE Guardian and in such case, LIFFE Guardian will notify any changes in pricing resulting from the substitution and a Substitution Invoice or Account Sale will be made available to the Buyer and Seller respectively.</u></p> <p><u>If the Buyer does not consent to such a substitution, then the Seller remains obliged to make delivery in accordance with the original Tender. If the Seller fails to make delivery against the original Tender then the Seller will be in default in performance.</u></p>
<u>Deemed acceptance of delivery</u>	<u>By 12:00</u>	<u>The Buyer will be deemed to have accepted each delivery unit that has been received.</u>

2. DELIVERY DOCUMENTATION SUMMARY

<i>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full.</i>		
<u>Name of Delivery Document</u>	<u>Explanation</u>	<u>Timing</u>
<u>LIFFE Cocoa Contract: Seller's Delivery Notice</u>	<p>The Seller's Delivery Notice screen is completed via LIFFE Guardian including details of:</p> <p>(i) _____ the port in which the cocoa is stored;</p> <p>(ii) _____ the warehouse in which the cocoa is stored; and</p> <p>(iii) _____ the shed in which the cocoa is stored.</p>	<u>On the Notice Day.</u>
<u>LIFFE Cocoa Contract: Buyer's Invoice</u>	<u>Buyers are provided with Invoices via LIFFE Guardian. Provisional Invoices and Accounts Sales are issued where a delivery unit is the subject of an instruction to convert.</u>	<u>By 16:00 on the day that is (i) 10 Business Days prior to the last Business Day of the delivery month; (ii) First Business Day prior to the Conversion Settlement Day; (iii) First Business Day prior to the Extended Conversion Settlement Day.</u>
<u>LIFFE Cocoa Contract: Seller's Account Sales</u>	<u>Sellers are provided with Account Sales via LIFFE Guardian. Provisional Invoices and Accounts Sales are issued where a delivery unit is the subject of an instruction to convert.</u>	<u>By 10:00 on the Notice Day.</u>
<u>LIFFE Cocoa Contract: Buyer's Position Notice</u>	<u>Clearing Members with buying positions must submit a Buyer's Position Notice via LIFFE Guardian which should give details of the 'shape' of the positions that are required for delivery.</u>	<u>By 12:00 on the first Business Day after the Notice Day.</u>
<u>LIFFE Cocoa Contract: Seller's Conversion Notice</u>	<u>Sellers who have been directed to convert must give notice via LIFFE Guardian that they will either: (i) comply with the conversion as instructed; (ii) convert alternative delivery units, and provide details of those units; or (iii) provide substitute delivery units, and give details of those units.</u>	<u>At or prior to 10.00 on the first Business Day prior to Settlement Day.</u>
<u>LIFFE Cocoa Contract: Seller's LDU Conversion Notice</u>	<u>Sellers who have been directed to convert LDUs must give notice via LIFFE Guardian that: (i) they have complied with the conversion as instructed; and (ii) arranged for the warehousekeeper/s to provide updated delivery details in respect of the converted delivery units.</u>	

<u><i>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full.</i></u>		
<u>Name of Delivery Document</u>	<u>Explanation</u>	<u>Timing</u>
<u>LIFFE Cocoa Contract: Seller's BDU Conversion Notice</u>	<u>Sellers who have been directed to convert BDUs must give notice via LIFFE Guardian that: (i) they have complied with the conversion as instructed; and (ii) arranged for the warehousekeeper/s to provide updated delivery details to LIFFE Guardian in respect of the converted delivery units; or (iii) they are unable to complete conversion in time and wish to apply for an extension to conversion</u>	<u>At or prior to 10.00 on the first Business Day prior to Conversion Settlement Day or the Extended Conversion Settlement Day.</u>

PART J: LIFFE COFFEE CONTRACTS

1. DELIVERY SPECIFICATION

1.1 Quality

Coffee shall be delivered of a growth and quality as specified in the LIFFE Rules.

1.2 Price

The price at which the Cocoa is delivered is the Market Delivery Settlement Price on the Business Day immediately preceding the day of Tender, adjusted in accordance with the LIFFE Rules.

1.3 Scope

Coffee shall be delivered from a nominated warehouse as defined in the LIFFE Rules.

1.4 Cessation of Trading

Coffee delivery months cease trading on the last trading day, as specified in the Contract Terms, which unless specified otherwise in the Market Rules is at approximately 12:30 on the last Business Day of the delivery month. Sellers' Tenders may be submitted by 12:00 on any Business Day during the delivery month (excluding the last trading day when the Tender must be submitted by 14:30).

DELIVERY TIMETABLE FOR LIFFE COFFEE – 10 TONNE CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
<u>Tender Day (excluding last Tender day)</u>	<u>Tender Day</u>	
	<u>By 12:00</u>	<p><u>All Clearing Members perform position maintenance.</u></p> <p><u>Sellers who wish to tender input Delivery Notices via both UCP and LIFFE Guardian.</u></p> <p><u>On each Business Day during the delivery month a Seller may input a delivery notification via UCP. Clearing Members submitting a delivery notification to UCP must also submit via LIFFE Guardian the details of the lots to be tendered.</u></p> <p><u>Tender notifications may be deleted by Clearing Members.</u></p> <p><u>Submission of a delivery notification to UCP without the corresponding input to LIFFE Guardian (or vice versa) will not constitute valid notification of Tender to the Clearing House.</u></p> <p><u>Clearing Members must ensure that all settlements and transfers are completed in UCP by the 12:00 deadline.</u></p>
<u>First Allocation</u>	<u>After 12:00</u>	<p><u>HIT report available on UCP informing Buyers of the number of lots allocated.</u></p> <p><u>Coffee allocated to Buyers on a pro rata basis.</u></p> <p><u>The following are made available to Buyers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>invoice report.</u> - <u>delivery details.</u> <p><u>The following are made available to Sellers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>account sale report.</u> - <u>delivery details.</u>
<u>Cessation of Trading</u>	<u>Last Tender Day</u>	
	<u>At 12:30</u>	<u>The Coffee delivery month ceases trading.</u>
	<u>By 14:30</u>	<p><u>All Clearing Members perform position maintenance. Remaining Open Contract Positions automatically become subject to delivery obligations.</u></p> <p><u>Sellers submit delivery notices via LIFFE Guardian.</u></p> <p><u>Sellers holding Open Contract Positions must submit via LIFFE Guardian the details of the lots to be tendered.</u></p> <p><u>Tender notifications may be deleted by Clearing Members.</u></p> <p><u>Sellers are not required to give notification via UCP.</u></p> <p><u>Clearing Members must ensure that all assignments, settlements and transfers are completed in UCP by the 14:30 deadline.</u> <u>Clearing Members with Open Contract Positions in the expired</u></p>

DELIVERY PROCEDURES: LIFFE COFFEE – 10 TONNE

	<u>TIME</u>	<u>ACTION</u>
		<u>delivery month are obliged to make or take delivery.</u>
<u>Second Allocation</u>	<u>After 14:30</u>	<p><u>The HIT report is made available on UCP informing Buyers of the final number of lots allocated.</u></p> <p><u>Second allocation of coffee to Buyers on a pro rata basis.</u></p> <p><u>The following are made available to Sellers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>account sale report.</u> - <u>delivery details.</u> <p><u>The following are made available to Buyers via LIFFE Guardian:</u></p> <ul style="list-style-type: none"> - <u>invoice report.</u> - <u>delivery details.</u>
<u>Early Take Up</u>	<u>Business Day prior to Business Day on which the Buyer wishes to take up and pay for the warrants</u>	
	<u>By 16:00</u>	<p><u>A Buyer may take up warrants prior to the due Settlement Day, by inserting instructions via LIFFE Guardian.</u></p> <p><u>The early take up is then processed and an Early Take Up Invoice or Account Sale is made available to the Buyer and Seller respectively.</u></p>
<u>Payment</u>	<u>Settlement Day 14 days after the Tender Day (or the next Business Day in the case of a Bank Holiday or a day declared a non-Business Day by LIFFE)</u>	
	<u>By 09:00</u>	<u>The Clearing House debits Buyers, as detailed on the Invoices</u>
	<u>After 09:00</u>	<p><u>The Clearing House credits Sellers, as detailed on the Account Sales.</u></p> <p><u>The Clearing House transfers the warrants to Buyers via LIFFE Guardian.</u></p>
<u>Substitution of Tenders</u>	<u>7 Business Days after Settlement Day</u>	
	<u>By 17:00</u>	<p><u>A Seller may substitute a Tender with the Buyer’s prior consent (or in the case of dispute, if ordered to do so by LIFFE) via LIFFE Guardian and LIFFE Guardian will notify any changes in pricing resulting from the substitution. A Substitution Invoice or Account Sale is made available to the Buyer and Seller respectively.</u></p> <p><u>If the Buyer does not consent to such a substitution, then the Seller remains obliged to make delivery in accordance with the original Tender. If the Seller fails to make delivery against the original Tender then the Seller will be in default in performance.</u></p>

2. DELIVERY DOCUMENTATION SUMMARY

<p><i>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full, including standard details such as Clearing Member name, mnemonic, etc.</i></p>		
<u>Name of Delivery Document</u>	<u>Explanation</u>	<u>Timing</u>
<p><u>LIFFE Coffee – 10 tonne: Buyer's Invoice</u></p>	<p><u>Buyers are provided with Invoices via LIFFE Guardian. Provisional Invoices are issued where a delivery unit is the subject of an instruction to convert.</u></p> <p><u>Early Take Up, Substitution and Adjustment Invoices are identical to the original Invoices except the title reflects why they have been produced and the information that has changed.</u></p>	<p><u>By 16:00 on the day that is (i) 10 Business Days prior to the last Business Day of the delivery month; (ii) First Business Day prior to the Conversion Settlement Day;</u></p>
<p><u>LIFFE Coffee – 10 tonne: Seller's Account Sales</u></p>	<p><u>Sellers are provided with Account Sales via LIFFE Guardian.</u></p> <p><u>Provisional Account Sales are issued where a delivery unit is the subject of an instruction to convert.</u></p> <p><u>Early Take Up, Substitution and Adjustment Account Sales are identical to the original Account Sales except the title reflects why they have been produced and the information that has changed.</u></p>	<p><u>(iii) First Business Day prior to the Extended Conversion Settlement Day.</u></p>
<p><u>LIFFE Coffee – 10 Tonne: Seller's Delivery Notice</u></p>	<p><u>Sellers submit this notice via LIFFE Guardian.</u></p>	<p><u>By 14:30 on the last tender day/last trading day.</u></p>

PART K: LIFFE WHITE SUGAR CONTRACTS

1. DELIVERY SPECIFICATION

1.1 Quality

White sugar shall be delivered of an origin and quality as specified in the LIFFE Rules.

1.2 Price

The price at which the white sugar contracts are delivered for a particular delivery month is the Market Delivery Settlement Price as calculated by LIFFE on the Last Trading Day, as defined in the LIFFE Rules.

1.3 Scope

White sugar contracts are for the sale and delivery of white beet or cane crystal sugar or refined sugar, in bags, of any origin of the crop current at the time of delivery, conforming to the specifications set out in the LIFFE Rules. Delivery is permissible on a day in the period between the first day of the delivery month and the last day of the succeeding month.

Delivered white sugar must, inter alia, be free of all liens and claims of any kind.

1.4 Cessation of Trading

White sugar delivery months cease trading on the last trading day, as specified in the Contract Terms, which unless specified otherwise in the Market Rules is at 18:30, sixteen calendar days preceding the first day of the delivery month (or, if not a Business Day, then the first Business Day immediately preceding).

1.5 Taking White Sugar “Off the Market”

If Clearing Members opt for alternative delivery procedures, notification must be made via LIFFE Guardian.

DELIVERY PROCEDURES: LIFFE WHITE SUGAR CONTRACTS

DELIVERY TIMETABLE FOR LIFFE WHITE SUGAR CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
	<u>Last Trading Day</u>	
	<u>At 18:30</u>	<u>The white sugar delivery month ceases trading.</u>
<u>Seller's Notice of Tender</u>	<u>Last Trading Day +1</u>	
	<u>By 10:30</u>	<p><u>All Clearing Members perform position maintenance.</u></p> <p><u>Remaining Open Contract Positions automatically become subject to delivery obligations.</u></p> <p><u>Sellers holding Open Contract Positions must deliver a Seller's Notice of Tender via LIFFE Guardian. Clearing Members are not required to give notification via UCP.</u></p> <p><u>Clearing Members must ensure that all assignments, settlements and transfers are completed in UCP by the 10:30 deadline.</u></p> <p><u>Clearing Members with Open Contract Positions in the expired delivery month are obliged to make or take delivery.</u></p>
<u>First Allocation</u>	<u>After 10:30</u>	<p><u>HIT report available on UCP which confirms the number of lots taken to delivery.</u></p> <p><u>First allocation of white sugar to Buyers on a pro-rata basis by "Port of Loading" and the information is made available via LIFFE Guardian.</u></p> <p><u>Clearing Members are informed of the identity of the Buyers and ports from which delivery will be made via LIFFE Guardian.</u></p>
<u>Non-Qualifying Port(s)</u>	<u>By 11:00</u>	<u>Where any Sellers ("Insufficient Sellers") have submitted Seller's Delivery Notification via LIFFE Guardian in respect of a port or ports which is/are not Qualifying Port(s) under the LIFFE Rules ("Non-Qualifying Port(s)"), Insufficient Seller(s) will be notified, as specified under LIFFE Rule 9.04, that the Tenders should be revised in accordance with LIFFE Rule 9.05.</u>
<u>Insufficient Sellers</u>	<u>By 13:00</u>	<u>Insufficient Seller(s) deliver, in accordance with LIFFE Rule 9.05, revised Seller's Delivery Notification via LIFFE Guardian. If the Insufficient Seller(s) have not delivered the revised Seller's Delivery Notification by 13:00, LIFFE will determine in accordance with the Contract terms, the port of loading from which Tenders will be made, and LIFFE shall notify the Clearing House of such determination by 14:00.</u>
<u>Seller's Delivery Notification</u>	<u>By 14:00</u>	<p><u>Where Sellers' Delivery Notifications continue to be made in respect of Non-Qualifying Port(s), LIFFE will determine in accordance with LIFFE Rule 9.06 to 9.08, the port of loading from which Tenders will be made and shall notify the Clearing House of such determination.</u></p> <p><u>LIFFE shall notify the Insufficient Seller(s) of the port of loading at which their Tender(s) shall take place.</u></p>

DELIVERY PROCEDURES: LIFFE WHITE SUGAR CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
	<u>After 14:00</u>	<u>The Buyers are advised of the identity of the Seller via LIFFE Guardian.</u>
<u>Last Trading Day +2</u>	<u>Second Business Day following the Last Trading Day</u>	
	<u>By 12:00</u>	<u>With the consent of LIFFE, Buyers may exchange notices of Tender via LIFFE Guardian.</u>
<u>Delivery day(s) -14 Calendar Days</u>	<u>Last Business Day of delivery month (Settlement Day)</u>	
	<u>By 16:00</u>	<u>Delivery may commence on any day within the delivery period, the Buyer having given fourteen calendar days notice of the name of the vessel to the Seller via LIFFE Guardian.</u> <u>Clearing Members should refer to the LIFFE Rules for further requirements in respect of nomination of vessels for delivery for delay in delivery.</u>
<u>Document Notice Day</u>	<u>20 days after vessel has completed loading</u>	
	<u>By 12:00</u>	<u>The Seller must notify document presentations via LIFFE Guardian. Once the presentation has been processed, the Buyer will be notified via LIFFE Guardian.</u>
	<u>After 12:00</u>	<u>Buyer informed via LIFFE Guardian of next day presentation of documents.</u> <u>Invoices and Account Sales are made available to the Buyers and Sellers respectively via LIFFE Guardian.</u>
<u>Document Delivery Day/ Settlement Day (Document Notice Day +1)</u>	<u>First Business Day following Document Notice Day</u>	
	<u>By 09:00</u>	<u>The Clearing House receives payment from the Buyer as detailed on the Invoice.</u>
	<u>By 10:00</u>	<u>The Seller must lodge the following delivery documentation:</u> <u>(i) a commercial invoice;</u> <u>(ii) a complete set of original signed clean on board bills of lading;</u> <u>(iii) an original certificate of origin; and</u> <u>(iv) an original certificate of weight, packing, quality, (polarisation, moisture and colour), issued by an internationally-recognised independent or state-owned supervision company appointed by the Seller at its own expense.</u>
	<u>After 11:00</u>	<u>LIFFE advises the Buyer that documents are available for collection. The Buyer collects the delivery documents from LIFFE.</u>
	<u>By 14:00</u>	<u>If the Buyer informs LIFFE, via LIFFE Guardian, by 14.00 that he wishes to reject the documents specified under LIFFE Rule 7.04, LIFFE will advise the Clearing House to withhold payment from the Seller. All documents to be returned to LIFFE at the Buyer's expense</u>

DELIVERY PROCEDURES: LIFFE WHITE SUGAR CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
		<u>by 15:00.</u>
<u>Notification of rejection of documents</u>	<u>After 14:00</u>	<p><u>LIFFE shall notify the Seller in the event that the Buyer has rejected the documents, and shall advise the Seller that the original documents shall be held at their disposal at LIFFE for collection at the Seller's expense after 15:00. If the documents have been rejected, the Clearing House credits back to the Buyer the sum debited earlier.</u></p> <p><u>The Clearing House credits the Seller, unless informed by 14:00 by the Buyer that the documents have been rejected.</u></p>

2. DELIVERY DOCUMENTATION SUMMARY

<u>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full, including standard details such as Clearing Member name, mnemonic, etc.</u>		
<u>Name of Delivery Document</u>	<u>Explanation</u>	<u>Timing</u>
<u>LIFFE White Sugar Contract: Seller's Notice of Tender</u>	<p><u>The Clearing House sends the Buyer's Notice of Tender to Buyers.</u></p> <p><u>The notice informs Buying Clearing Members, in respect of each delivery, of the number of lots, the Clearing House reference number(s), country of origin (if known), the port from which delivery will be made and the name of the Seller.</u></p>	<u>By 10:30 on Last Trading Day +1.</u>
<u>LIFFE White Sugar Contract: Seller's Delivery Notification</u>	<u>Sellers submit this notice to the Clearing House.</u>	<u>Last Trading Day +1.</u>
<u>LIFFE White Sugar Contract: Invoice and Account Sale</u>	<u>The Clearing House issues invoices (for Buyers) and Account Sales (for Sellers). A separate document is issued for each delivery.</u>	<u>After 12:00 on Document Notice Day.</u>

PART L: LIFFE WHEAT CONTRACTS

1. DELIVERY SPECIFICATION

1.1 Quality

Wheat shall be delivered of an EC origin and of a standard as specified in the LIFFE Rules.

1.2 Price

The price at which the wheat is delivered is the Market Delivery Settlement Price on the Business Day immediately preceding the day of tender, adjusted in accordance with the LIFFE Rules.

1.3 Scope

Wheat shall be delivered from a registered store as defined in the LIFFE Rules.

1.4 First Tender day and Cessation of Trading

The normal first tender day is:

- (i) For January - the second Business Day after Christmas day; and
- (ii) For other delivery months - the seventh day prior to the first Business Day of the delivery month. If this is not a Business Day the next Business Day becomes the first tender day.

Wheat delivery months (with the exception of the July delivery month) normally cease trading on the last trading day, as specified in the Contract Terms, which unless specified otherwise in the Market Rules is at 12:30 on the 23rd day of the delivery month. The July delivery month normally ceases trading at 12:30 on the 7th calendar day of July. If this is not a Business Day, trading ceases on the previous Business Day.

Sellers may tender from 10:30 on the first tender day up to 14:00 on the last trading day.

DELIVERY TIMETABLE FOR LIFFE WHEAT CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
	<u>Tender day (excluding Last Tender Day)</u>	
	<u>By 10:30</u>	<p><u>All Clearing Members perform position maintenance.</u></p> <p><u>On any Business Day during the tender period as defined above, a Seller may input a delivery notification via UCP. Clearing Members submitting a delivery notification to UCP must also enter delivery notices via LIFFE Guardian. Submission of a delivery notification via UCP without the corresponding delivery notice in LIFFE Guardian, or vice versa, will not constitute valid notification to the Clearing House.</u></p> <p><u>Clearing Members must ensure that all assignments, settlements and transfers are completed in UCP by the 10:30 deadline.</u></p>
<u>First Allocation</u>	<u>After 10:30</u>	<p><u>The Clearing House allocates the wheat to Buyers on a pro rata basis by store and makes available the delivery details for each lot via LIFFE Guardian.</u></p> <p><u>A HIT report will be available on UCP, indicating the number of lots allocated to Buyers.</u></p>
<u>Cessation of trading</u>	<u>Last Tender Day</u>	
	<u>At 12:30</u>	<u>The wheat delivery month ceases trading.</u>
	<u>By 14:00</u>	<p><u>Clearing Members with Open Contract Positions in the expiry contract month are obliged to make or take delivery.</u></p> <p><u>Sellers holding Open Contract Positions must enter delivery notices via LIFFE Guardian. Clearing Members are not required to give notification via UCP.</u></p> <p><u>Clearing Members must ensure that all assignments, settlements and transfers are completed via UCP by the 14:00 deadline.</u></p>
	<u>After 14:00</u>	<p><u>The Clearing House allocates the wheat to Buyers and makes available the delivery details via LIFFE Guardian for each lot.</u></p> <p><u>A HIT report will be available on UCP, indicating the number of lots allocated to Buyers.</u></p>
<u>Settlement Day -1</u>	<u>First Business Day prior to Settlement Day</u>	
	<u>By 16:00</u>	<u>The Clearing House makes available via LIFFE Guardian the Invoice and Account Sale details to Buyers and Sellers respectively.</u>
<u>Settlement Day</u>	<u>7 days after the Tender Day (unless such a day is not a Business Day, in which case the Settlement Day will be the preceding day)</u>	
	<u>By 09:00</u>	<u>The Clearing House debits Buyers, as detailed on the Invoices</u>

DELIVERY PROCEDURES: LIFFE WHEAT CONTRACTS

	<u>TIME</u>	<u>ACTION</u>
	<u>After 09:00</u>	<p><u>The Clearing House credits Sellers, as detailed on the Account Sales.</u></p> <p><u>The Clearing House makes the warrants available for Buyers to collect via LIFFE Guardian.</u></p>
	<u>By 12:00</u>	<p><u>Under the e-Warrant Collection Scheme ("the Scheme") operated by LIFFE, rent due and payable by a Seller in accordance with the LIFFE Contract Terms and Administrative Procedures is collected from the Seller by the Clearing House and transferred to LIFFE, who are responsible for paying the Warehouses.</u></p> <p><u>Any unpaid rent payable by the Seller will be collected by the Clearing House from the Seller through Clearing Member's accounts at an Approved Financial Institution no later than 12:00 on the relevant Settlement Day in respect of that Tender.</u></p> <p><u>The Clearing House has no principal liability whatsoever for the payment of any such unpaid rent and, in transferring such amounts to LIFFE, acts on behalf of the Seller with whom the liability to make such payment rests.</u></p> <p><u>Without prejudice to the provisions of the Rules relating to liability, the Clearing House's only liability in respect of the operation of the Scheme shall be to make payment to LIFFE (who will be responsible for making payment to any grainstorekeeper) of any sums properly collected under the Scheme by the Clearing House from any Clearing Member, and, in the unlikely event of that the Clearing House collects any sum erroneously from a Clearing Member, promptly to return such sum to that Clearing Member through the relevant Clearing Member's account at an Approved Financial Institution or otherwise.</u></p>

2. DELIVERY DOCUMENTATION SUMMARY

<u>Sellers and Buyers should ensure that relevant Delivery Documentation is completed in full.</u>		
<u>Name of Delivery Document</u>	<u>Explanation</u>	<u>Timing</u>
<u>LIFFE Wheat Contract: Seller's Delivery Notice</u>	<u>Seller notifies Clearing House by submission of a delivery notification via UCP and the corresponding delivery notice in LIFFE Guardian.</u>	<u>On any Business Day during the Tender.</u>
<u>LIFFE Wheat Contract: Seller's Account Sales and Buyer's Invoice</u>	<u>The Clearing House issues invoices (for Buyers) and Account Sales (for Sellers). A separate document is issued for each delivery.</u>	<u>After 12:00 on Settlement Day.</u>

PART M: LIFFE DELIVERIES

1. LIFFE DELIVERIES

1.1 Introduction

These Delivery Procedures should be read in conjunction with the rest of the Rules, the LIFFE Contract Terms, LIFFE Administrative Procedures and the UCP User Manual.

Clearing Members must be fully aware of their obligations under the relevant contracts.

In the event of any conflict between the Clearing Rules and the LIFFE Contract Terms and LIFFE Administrative Procedures, the Clearing House Rules shall prevail.

Enquiries concerning the procedures in this section should be directed to Business Operations staff at the Clearing House.

PART N: LIFFE COMMON DELIVERY PROCEDURES

1. COMMON DELIVERY PROCEDURES FOR LIFFE CONTRACTS

1.1 Allocation Method

For all deliverable bond contracts the following method is used by the Clearing House to allocate stock delivered by Sellers to Buyers:

- (a) Buyers' accounts are listed in mnemonic sequence and numbered sequentially
- (b) a number is chosen at random
- (c) the allocation of the lowest coupon bond commences with the selected mnemonic and progresses through the list referred to in (a) above
- (d) when no further allocation of the lowest coupon bond can be made, the allocation continues with the next lowest coupon bond and so on, until the process is completed with the allocation of the highest coupon bond.

If bonds of equal coupon but with different maturity dates have been nominated then the bond with the earliest maturity will be allocated first.

1.2 Clearing Accounts

Pursuant to Part 7 of the Rules, Clearing Members' Proprietary Accounts and Customer Accounts are treated separately for deliveries. Clearing Members must submit separate notifications (*Seller's Delivery Notices*, etc) to the Clearing House for each such account.

1.3 Market Delivery Settlement Prices (MDSP)

LIFFE sets a Market Delivery Settlement Price for bond deliveries as determined pursuant to the LIFFE Contract Terms and LIFFE Rules. This is published on UCP as soon as possible after it has been set.

1.4 Delivery Details for Bond Deliveries

Clearing Members submit and receive these details electronically via LIFFE Guardian, the content of the electronic message will vary depending on the contract being delivered.

1.5 Seller's Delivery Notice

Sellers must submit a Delivery Notice via LIFFE Guardian. The Seller must provide all relevant information as required by LIFFE Guardian and the Clearing House.

1.6 Buyer Notifications

Buyers must submit a Buyer Notification via LIFFE Guardian. The Buyer must provide all relevant information as required by LIFFE Guardian and the Clearing House.

1.7 Delivery Account Sales for Sellers

The Delivery Account Sale informs Sellers of the details of the invoice amount payable by the Clearing House.

1.8 Delivery Invoice for Buyers

The Delivery Invoice informs Buyers of the details of the invoice amount payable to the Clearing House and details of the bonds allocated.

1.9 Delivery Instructions for Sellers

The Delivery Instruction provides Sellers with:

- (i) precise instructions to be given to the delivery system; and
- (ii) details of the payment to be received from the Clearing House as advised in the Delivery Account Sale.

1.10 Delivery Instructions for Buyers

This Delivery Instruction provides Buyers with:

- (i) precise instructions to be given to the delivery system; and
- (ii) details of the bonds to be transferred from the Clearing House's delivery system.

1.11 Delivery Status

Clearing Members must provide the Clearing House with confirmation that relevant delivery statuses have been reached, as defined in these Delivery Procedures, by the appropriate deadline for a LIFFE Contract via LIFFE Guardian. Failure to conform to notification requirements will result in a referral to LIFFE and potentially to disciplinary action by LIFFE under the LIFFE Rules or by the Clearing House under the Rules.

1.12 Delivery Invoice/Account Sales for Buyer and Seller Dissemination

Delivery Invoice/Account Sale notices for Buyers and Sellers may be obtained via LIFFE Guardian.

1.13 Delivery Instruction Notices for Buyer and Seller Dissemination

Delivery Instruction notices for Buyers and Sellers may be obtained via LIFFE Guardian.

1.14 Transferors and Transferees

Transferors and Transferees may not be nominated for LIFFE Gilt Contracts, LIFFE Physically Delivered Equity Futures/Options Contracts, and LIFFE Stock Contingent Trades Contracts. Any transfers to Customers or Clearing Members must be arranged for by Clearing Members after their receipt of the relevant gilts or securities, as applicable, and any transfers to Clearing Members from Customers must be arranged with sufficient time to enable the Clearing Member to comply with its delivery obligations.

PART O: LIFFE GILT CONTRACTS

1. GILT CONTRACTS

The following applies to each of the LIFFE Long, Medium and Short gilts contracts. These kinds of LIFFE Contract differ only in their maturity dates.

1.1 Delivery Mechanism

LIFFE gilt contracts must be delivered through the Clearing House's account at CREST. The Clearing House CREST account name is ICE Clear Europe Limited.

1.2 Delivery Communication and LIFFE Guardian

Delivery documentation must be submitted using LIFFE Guardian. Clearing Members must always ensure they allow sufficient time to connect and transmit their delivery details within the deadlines prescribed in these Delivery Procedures. Failure to do so will result in late delivery and therefore may be subject to disciplinary action by LIFFE or the Clearing House.

1.3 Invoice Value Calculation

The amount due to Sellers and payable by Buyers is calculated in accordance with the LIFFE Contract Terms (all values in GBP):

Invoice value per lot = (1000 x MDSP x Price Factor) + Initial Accrued + (Daily Accrued x Delivery Days in Month)

Invoice Calculation Example

<u>MDSP(N)</u>	<u>≡</u>	<u>107.41</u>
<u>Prime Factor</u>	<u>≡</u>	<u>1.2554334</u>
<u>Initial Accrued</u>	<u>≡</u>	<u>1746.58</u>
<u>Daily Accrued</u>	<u>≡</u>	<u>17.1233</u>
<u>Delivery Days in Month</u>	<u>≡</u>	<u>10</u>
<u>Single lot value =</u>	<u>≡</u>	<u>(100 x 107.41 x 1.2554334) + 1746.58 + (17.1233x10)</u>
	<u>≡</u>	<u>136,763.914494</u>
<u>Invoice value per lot</u>	<u>≡</u>	<u>136,763.91</u>

The Clearing House establishes the invoicing amount by calculating the full value of 1 lot using the formula (i.e. up to 7 decimal places on the price factor and 5 on the MDSP) and rounding to the nearest whole penny (.5 rounded down). This per lot value is then multiplied by the number of lots to establish the total invoice value.

1.4 Deliverable Bonds

A Deliverable Bond is a bond which is listed on the final list of deliverable bonds for a delivery month as defined in the LIFFE Contract Terms. This list is published by LIFFE and is available to download from LIFFE Guardian.

1.5 Delivery Day Definition

The First and Last Notice Day, and Delivery Days, are defined in the LIFFE Contract Terms and the LIFFE Rules.

1.6 Delivery Timetable (except for Last Notice Day)

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	<u>Notice Day</u>	
<u>Seller's Delivery Notice</u>	<u>By 11:00</u>	<p><u>Sellers submit Seller's Delivery Notices to the UCP and LIFFE Guardian.</u></p> <p><u>Deliverable positions are based on Clearing Members' Open Contract Positions at the close of business the previous day. The Open Contract Positions may be transferred or settled to establish the deliverable position.</u></p> <p><u>On each Business Day during the notice period, a Seller may input a 'Delivery Notification' and must then, in addition, submit the corresponding Seller's Delivery Notice via LIFFE Guardian.</u></p> <p><u>The input of a delivery notification without the corresponding Seller's Delivery Notice (or vice versa) will not constitute a valid notification.</u></p> <p><u>Any notices submitted after this deadline will be treated as being submitted on the following Business Day (if the next Business Day is the Last Notice Day, then the Last Notice Day procedures apply).</u></p>
	<u>By 11:30</u>	<u>LIFFE announces the MDSP and this is published on UCP as soon as possible.</u>
<u>Allocation</u>	<u>By 12:00</u>	<p><u>Allocation of lots to Buyers.</u></p> <p><u>A HIT report indicating the number of lots allocated to Buyers is made available on UCP.</u></p>
	<u>By 15:00</u>	<p><u>Deliverable gilts are allocated to Buyers.</u></p> <p><u>The Delivery Invoice and Delivery Account Sale are made available to Sellers and Buyers respectively via LIFFE Guardian.</u></p>
<u>Buyer's Notification</u>	<u>By 16:30</u>	<u>Buyers must submit a Buyer's Delivery Notification via LIFFE Guardian.</u>
	<u>Notice Day +1</u>	
<u>Matching</u>	<u>By 05:00</u>	<p><u>The following are made available via LIFFE Guardian:</u></p> <p align="center"><u>(i) Delivery Instructions for Sellers</u></p> <p align="center"><u>(ii) _____ Delivery Instructions for Buyers.</u></p> <p><u>The instructions as described must be utilised by Clearing</u></p>

DELIVERY PROCEDURES: LIFFE GILT CONTRACTS

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
		<u>Members in order to match the instructions. Clearing Members should endeavour to match at the earliest possible time.</u>
	<u>From 09:00</u>	<u>Clearing Member to commence matching.</u> <u>Details of the LIFFE Contracts subject to delivery obligations must be submitted and matched in CREST.</u> <u>All entries must be made with the necessary fields completed in order to match with the instruction.</u>
	<u>By 12:30</u>	<u>Sellers and Buyers respectively update delivery status to 'Matched' in CREST.</u> <u>Failure to match contravenes the Clearing House Procedures and LIFFE's Contract Terms and Administrative Procedures.</u> <u>The Clearing House informs LIFFE of any outstanding matching problems after this time.</u>
	<u>Settlement Day</u>	
<u>Settlement Day</u> <u>(Notice day + 2)</u>	<u>By 13:00</u>	<u>Gilts delivered by Sellers against payment</u> <u>Gilts received by Buyers against payment.</u>
	<u>First day after Settlement Day</u>	
<u>S + 1</u>		<u>Original and Variation Margin is released.</u>

1.7 Last Trading Day (LTD)

At 11:00

Trading ceases two Business Days prior to the last Business Day in the delivery month.

1.8 Last Notice Day

The Last Notice Day is the Business Day following the Last Trading Day.

1.9 Delivery Timetable (Last Notice Day)

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	<u>Last Notice Day</u>	
<u>Last Notice Day</u> <u>(the Business Day following the last</u>	<u>By 10:00</u>	<u>Sellers holding Open Contract Positions must submit a Seller's Delivery Notice via LIFFE Guardian.</u> <u>Clearing Members are not required to give notification via</u>

DELIVERY PROCEDURES: LIFFE GILT CONTRACTS

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
<u>trading day)</u>		<u>UCP. Clearing Members with Open Contract Positions in the Set of the expired delivery month are obliged to make or take delivery.</u>
	<u>By 11:00</u>	<u>A HIT report indicating the number of lots allocated to Buyers is made available on UCP.</u>
	<u>By 12:00</u>	<u>Allocation of lots and gilts to Buyers.</u> <u>Seller's Delivery Account Sale and Buyer's Delivery Invoice are made available via LIFFE Guardian.</u>
	<u>By 14:00</u>	<u>Buyers must submit a Buyer's Notification via LIFFE Guardian.</u>
	<u>By 15:00</u>	<u>Delivery Instructions are made available to Buyers and Sellers via LIFFE Guardian.</u> <u>Clearing Members should endeavour to match at the earliest time possible.</u> <u>Clearing Member to commence matching.</u>
	<u>By 17:30</u>	<u>Sellers and Buyers update delivery statuses to "Matched" in CREST.</u> <u>The Clearing House informs LIFFE of any outstanding matching problems after this time.</u>
<u>Settlement Day</u> <u>(Last Notice Day</u> <u>+ 1)</u>	<u>Settlement Day</u>	
	<u>By 13:00</u>	<u>Gilts delivered against payment.</u> <u>Gilts received against payment.</u> <u>Settlement day occurs on the second Business Day after the Notice Day. Where the Notice Day is the Last Notice Day, settlement day will be the next Business Day after the Last Notice Day.</u> <u>The Clearing Member must ensure that their CREST priority settings and cap permit their trades to settle before the settlement deadline.</u> <u>Gilts will have passed from the Selling Clearing Member's CREST account to the Clearing House's CREST account and subsequently to the Buying Clearing Member's CREST account on Settlement Day.</u>
<u>S + 1</u>	<u>First day after Settlement Day</u>	
		<u>Original Margin and Variation Margin are released.</u>

PART P: LIFFE JAPANESE GOVERNMENT BOND CONTRACTS

1. JAPANESE GOVERNMENT BOND (JGB)

1.1 Cash Settlement Procedure

The Japanese Government Bond (JGB) is cash settled daily by means of settlement margin. Cash settlement is calculated using the Tokyo Stock LIFFE (TSE) opening price versus the trade price.

As no open interest is carried forward, ordinarily Original Margin is not charged.

1.2 Absence of TSE Opening Price

In the case of a TSE non-working day (or when a TSE opening price is otherwise unavailable) positions are original and variation margined using the closing price established on LIFFE's APT. This will generate an interim variation margin as opposed to a cash settlement. Original Margin will be charged on net uncovered positions.

This process will be repeated until the next TSE opening price is available, at which stage all positions are cash settled and Original Margins returned.

PART Q: LIFFE EQUITY FUTURES/OPTIONS

1. PHYSICALLY DELIVERED EQUITY FUTURES/OPTIONS, AND STOCK CONTINGENT TRADES DELIVERY PROCEDURES

1.1 Introduction

For the purposes of these Delivery Procedures any reference to Equity Futures/Options Contracts means the following LIFFE physically delivered Contracts:

- (i) Universal Stock Futures;
- (ii) Individual Equity Options; and
- (iii) Contracts arising from Bclear.

1.2 Delivery System

Physical deliveries resulting from LIFFE Equity Futures/Options Contracts and stock contingent trades are made through CREST for UK and Irish securities, the Euroclear Group Single Platform ("EGSP") for French, German, Netherlands and Switzerland securities and Euroclear for all other securities.

All deliveries resulting from LIFFE Equity Futures/Options Contracts must be made gross because netting is not available.

1.3 Clearing House Settlement Details

Settlement details for the Clearing House will be as notified to Clearing Members.

1.4 Deliverable Equities

A "deliverable equity" means the equity underlying an Equity Future or Option Contract, published (from time to time) by means of a LIFFE General Notice or by other means determined by LIFFE.

If an "equity underlying" is subject to a corporate event, the deliverable security may become a combination of shares and entitlements. Should such a corporate event occur, Clearing Members will be advised of the settlement details by the issue of a 'Corporate Action Notice' or by other means determined by LIFFE. See Section 5 on corporate events.

2. PHYSICALLY DELIVERED EQUITY DELIVERY TIMETABLES

2.1 Physically Delivered Equity Futures and Options Contracts: Summary Timetable

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	<u>Day following the Day of Early Exercise or Expiry</u>	
<u>Exercise day + 1</u>	<u>By 07:00</u>	<u>Summary Clearing Member Delivery Details Report (MDD) available on UCP.</u> <u>Clearing Members must establish their delivery obligations by reference to the Clearing Member Delivery Details Report (MDD) and the HIT report.</u>

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	By 11:30	<p>All settlement instructions submitted to the relevant settlement system.</p> <p><u>CREST</u></p> <p>Details of the Contracts subject to delivery obligations resulting from early exercise or expiry of UK and Irish contracts must be submitted and matched in CREST.</p> <p>All entries must be made with the following fields completed (where applicable standard entries are indicated and encapsulated in brackets):</p> <p>(a) <u>Intended Settlement Date;</u></p> <p>(b) <u>Transaction Type;</u></p> <p>(c) <u>Participant ID;</u></p> <p>(d) <u>Consideration;</u></p> <p>(e) <u>Payment Type (Central);</u></p> <p>(f) <u>Cash Movement Type (set to 'A' to reflect a standard movement between principals);</u></p> <p>(g) <u>Debit Party Cash ID;</u></p> <p>(h) <u>Credit Party Cash ID;</u></p> <p>(i) <u>Stock ISIN;</u></p> <p>(j) <u>Quantity;</u></p> <p>(k) <u>Debit Party Stock ID;</u></p> <p>(l) <u>Credit Party Stock ID;</u></p> <p>(m) <u>Trade System of Origin (LIFFE);</u></p> <p>(n) <u>Trade Price;</u></p> <p>(o) <u>Trade Date;</u></p> <p>(p) <u>RO Condition (result of option) (for Equity Options only);</u></p> <p>(q) <u>Agent/Principal Indicator ('S' for a principal sale and 'P' for a principal purchase); and</u></p> <p>(r) <u>Special Condition (Special cum condition should only be entered in the event of a corporate action).</u></p> <p>Clearing Members should note that CREST requires perfect matching and does not provide for tolerance. Clearing Members should also note that a Nationality Declaration is required for certain securities, see CREST manual.</p> <p><u>Euroclear</u></p> <p>Details of the Contracts subject to delivery obligations resulting from Physically Delivered Equity Futures or Options Contracts in all stocks with the exception of UK, Irish, French, German, Dutch and Swiss equities must be submitted and matched.</p>

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
		<p><u>France</u></p> <p><u>Details of the delivery contracts resulting from Physically Delivered Equity Futures or Options Contracts French stocks must be submitted and matched.</u></p> <p><u>Germany</u></p> <p><u>Details of the delivery contracts resulting from Physically Delivered Equity Futures or Options Contracts German stocks must be submitted and matched.</u></p> <p><u>Netherlands</u></p> <p><u>Details of the delivery contracts resulting from Physically Delivered Equity Futures or Options Contracts Dutch stocks must be submitted and matched.</u></p> <p><u>Switzerland</u></p> <p><u>Details of the delivery contracts resulting from Physically Delivered Equity Futures or Options Contracts Swiss stocks must be submitted and matched.</u></p>
	<u>By 17.00</u>	<p><u>Euroclear</u></p> <p><u>Clearing Members must have successfully matched all trades with the Clearing House in the relevant settlement system by the times set out in these Delivery Procedures. All matched trades are then available for settlement in the relevant settlement system.</u></p> <p><u>It is the responsibility of the Clearing Member to contact the Clearing House and agree any amendments required to achieve matched status.</u></p> <p><u>All amendments required to achieve matching must have been submitted prior to the end of the day.</u></p>
	<u>Intended Settlement day</u>	
	<u>By the close of delivery versus payment (DVP) equity settlement in the relevant settlement system.</u>	<p><u>Movement of shares complete.</u></p> <p><u>Clearing Members who have failed to deliver must contact the Clearing House to give reasons for the failure.</u></p> <p><u>The Clearing House releases Original and non-realised Variation Margin for settled instructions.</u></p>

2.2 Stock Contingent Trading Delivery: Summary Timetable

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	<u>Business Day following the Day of Trade</u>	

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
<u>Trade day + 1</u>	<u>By 05:00</u>	<u>All trades submitted to relevant settlement system.</u>
	<u>By 07:00</u>	<p><u>Clearing Member Stock Contingent Trade Report (SCTM) and Reconciliation Report (SCTR) available on UCP.</u></p> <p><u>Clearing Members must establish their delivery obligations by reference to the Clearing Member Stock Contingent Trade Report (SCTM) and Stock Contingent Trade Reconciliation Report (SCTR).</u></p>
	<u>By 11:30</u>	<p><u>Details of the LIFFE Contracts subject to delivery obligations resulting from stock contingent trades in all UK and Irish equities must be submitted and matched in CREST.</u></p> <p><u>The reporting of stock contingent trades to the Clearing House will automatically generate the Clearing House's entries into CREST. The Clearing Member will enter their trade details into CREST against the Clearing House's participant ID.</u></p> <p><u>All entries must be made with the following fields completed:</u></p> <p><u>Where applicable standard entries are indicated and encapsulated in brackets.</u></p> <p>(a) <u>Intended Settlement Date</u></p> <p>(b) <u>Transaction Type</u></p> <p>(c) <u>Participant Id</u></p> <p>(d) <u>Consideration</u></p> <p>(e) <u>Payment Type (Central)</u></p> <p>(f) <u>Cash Movement Type (set to 'A' to reflect a standard movement between principals)</u></p> <p>(g) <u>Debit Party Cash ID</u></p> <p>(h) <u>Credit Party Cash ID</u></p> <p>(i) <u>Stock ISIN</u></p> <p>(j) <u>Quantity</u></p> <p>(k) <u>Debit Party Stock ID</u></p> <p>(l) <u>Credit Party Stock ID</u></p> <p>(m) <u>Trade System of Origin (LIFFE)</u></p> <p>(n) <u>Trade Price</u></p> <p>(o) <u>Trade Date</u></p> <p>(p) <u>Agent/Principal Indicator ('S' for a principal sale and 'P' for a principal purchase)</u></p>
<u>By 16:00</u>	<p><u>Euroclear</u></p> <p><u>Details of the delivery contract resulting from stock</u></p>	

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
		<p><u>contingent trades in all stocks with the exception UK and Irish equities, French, German, Dutch & Swiss must be submitted and matched in Euroclear.</u></p> <p><u>France</u></p> <p><u>Details of the delivery contract resulting from stock contingent trades in all French stocks must be submitted and matched in ESES.</u></p> <p><u>Germany</u></p> <p><u>Details of the delivery contract resulting from stock contingent trades in all German stocks must be submitted and matched in Clearstream Frankfurt.</u></p> <p><u>Netherlands</u></p> <p><u>Details of the delivery contract resulting from stock contingent trades in all Dutch stocks must be submitted and matched in ESES.</u></p> <p><u>Switzerland</u></p> <p><u>Details of the delivery contract resulting from stock contingent trades in all Swiss stocks must be submitted and matched in SIX SIS.</u></p> <p><u>Clearing Members that require the allocation of the Stock Contingent Bargain to be changed must submit an Allocation Change Request form. The form must be completed in full by the members of LIFFE who executed the trade on LIFFE (each, an "Originating Member") and the relevant receiving members and communicated to the Clearing House by no later than the 16:00 deadline.</u></p>
	<u>By 17:00</u>	<p><u>Clearing Members must have successfully matched all trades with the Clearing House in the relevant settlement system by the times set out in these Delivery Procedures. All matched trades are then available for settlement in the relevant settlement system.</u></p> <p><u>It is the responsibility of the Clearing Member to contact the Clearing House and agree any amendments required to achieve matched status.</u></p> <p><u>All amendments required to achieve matching must have been submitted prior to the end of the day.</u></p>
<u>Intended Settlement day</u>	<u>By the close of Equity Settlement in the Relevant Settlement System</u>	

<u>DAY</u>	<u>TIME</u>	<u>ACTION</u>
	<u>By 09:30</u>	<p><u>Movement of shares complete.</u></p> <p><u>Securities will have passed from the Selling Clearing Member's account in the relevant settlement system to the Clearing House's account in the relevant settlement system and then into a Buying Clearing Member's account in the relevant settlement system on the Intended Settlement Day.</u></p> <p><u>Clearing Members must ensure that their priority settings and credit facilities permit trades to settle before the close of delivery versus payment (DVP) equity settlement on the Intended Settlement Day. For the purposes of Euroclear and local CSD, the close of DVP equity settlement is the close of "daylight" DVP equity settlement.</u></p> <p><u>Following the close of DVP Equity Settlement in the relevant settlement system Clearing Members must notify the Clearing House of any failed deliveries and confirm what measures have been taken to facilitate delivery. Clearing Members are reminded they are responsible for the timely settlement of LIFFE Contracts subject to delivery obligations.</u></p> <p><u>The Clearing House releases Original and non-realised Variation Margin for settled instructions.</u></p>

2.3 Partialling

(a) Automatic partialling

It is a Selling Clearing Member's obligation to ensure full delivery of all securities. When the Clearing House as Buyer does not receive delivery of all the securities to satisfy its position, then the Clearing House may not have sufficient securities to completely fulfil its own delivery obligations. This can result in the Clearing House holding an amount of securities that it cannot pass on.

If the Clearing House's holding is insufficient to fulfil a larger delivery obligation then, in order to reduce the risk associated with corporate actions and costs, the Clearing House may split the fulfilment of that obligation into multiple deliveries. Euroclear, CREST and Local CSD offer an auto-splitting service and the Clearing House may use these services where they are available and suitable to its needs.

(b) Euroclear and local CSD manual partialling

Notwithstanding the above automatic process, the Clearing House may in its absolute discretion decide to accept a partial delivery or a request to do so, provided that the following criteria are fulfilled:

- (i) the partial delivery to the Clearing House enables the Clearing House to fulfil any one or more onward delivery obligations in full and does not result in the Clearing House being in such a position that it cannot deliver the full amount for any onward delivery obligation; and
- (ii) the Clearing House receives the request via e mail followed by a telephone call from the Selling Clearing Member concerned *by 15:00 (London time)* on the intended settlement date.

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If in the event that the Clearing House decides to accept such request from a Seller, manual partialling may require the Clearing Member to rematch, and the Clearing House will advise its Clearing Members and agree the relevant details. Both affected Clearing Members will then be required to match the Clearing House's cancellation and rematch the subsequent new instructions as per the Clearing House's advice. Where partialling is possible at either Euroclear or CREST, Clearing Members must match by the relevant Market deadlines to ensure settlement. Any costs incurred due to failure to instruct prior to the deadline after agreeing previously to do so, will be passed onto the relevant Clearing Member.

(A) where it can be initiated unilaterally in a CSD; or

(B) where bilateral instructions are required, by prior agreement with the Clearing House.

In the event that the Clearing House decides in its absolute discretion not to accept any partial delivery or request to do so, it shall be under no obligation to provide any reason for such decision.

If the Clearing House decides to accept a request for a partial delivery then it shall use its reasonable endeavours to advise the Selling Clearing Member and agree the cancellations and rematch that are required in order to do so by **15.30 (London Time)** on the day to make such partial delivery.

It is the responsibility of the Buying Clearing Member to ensure that any onward partial delivery is accepted. Such request to make a partial onward delivery will normally be made by the Clearing House by 15:30 (London time). In the event that the Clearing House makes any such request, the Buying Clearing Member shall to match the Clearing House's cancellation and rematch the subsequent new instructions as per the Clearing House's advice.

In the event that a Buying Clearing Member fails or omits to comply with these provisions or settlement instructions are not cancelled and rematched as per the Clearing House's advice, the Clearing House may charge that Buying Clearing Member and the Buying Clearing Member shall pay any costs incurred by the Clearing House as a result of such failure or omission. Such costs will be debited from the Clearing Member's relevant account.

2.4 Daylight Indicator

Clearing Members must ensure that their transactions are marked with a Daylight Indicator in Euroclear so that settlement can occur during Daylight Settlement. In the event that a Clearing Member fails to settle during Daylight Settlement the Clearing House may charge for any losses and expenses incurred as a result of non settlement. Such losses and expenses will be debited via the Clearing Member's relevant account.

2.5 Tolerance Matching

Although Euroclear applies tolerance matching to internal instructions, Clearing Members must ensure that the Clearing House's settlement amount is perfectly matched in accordance with LIFFE Contract Terms and Administrative Procedures. In the event that a Seller fails perfectly to match the Clearing House's settlement amount, any tolerance applied will be debited from the Selling Clearing Member. Such funds should be paid to the Clearing House as a "cash only" delivery through Euroclear in accordance with Clearing House instructions. In the event that a Clearing Member fails or omits to match the Clearing House's instruction, the Clearing House will debit the relevant funds through the relevant account of the Clearing Member.

3. FAILED SETTLEMENTS AND NON-DELIVERY OF STOCK

Under the LIFFE Contract Terms, failure to comply with the Clearing House's instructions will constitute a delivery default by the Clearing Member. If the Seller has not made delivery to the Clearing House by close of equity settlement on the intended settlement day the Clearing House shall take whatever action is

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

appropriate in keeping with its obligation to deliver the securities to the Buyer in accordance with the LIFFE Contract Terms.

3.1 Buying In Summary Timetable

	<u>TIME</u>	<u>ACTION</u>
	<u>Intended Settlement Day + 1 or as soon as reasonable practical</u>	
<u>Failure to make delivery/payment</u>	Post the close of DVP Equity Settlement in the relevant settlement system.	<p>As soon as reasonably practical, the Clearing House will contact Clearing Members who have failed to deliver to ascertain the reason for non-delivery.</p> <p>The Clearing House will request for Clearing Members to make the share transfer immediately within the settlement timetable as dictated by the relevant settlement system.</p> <p>If this is not achieved, the Clearing House will take steps to acquire shares to fulfil its obligation to make delivery to the Buying Clearing Member by instigating Buying In.</p>
	<u>Settlement Day plus 2</u>	
<u>Satisfaction of delivery obligations</u>	By the close of DVP Equity Settlement in the relevant settlement system	<p>Clearing members inform the Clearing House that a delivery obligation has been met. Failure to do so may result in the purchase of unwanted shares.</p> <p>The Clearing House will inform Clearing Members of any Buying In instructions issued.</p>
	<u>Settlement Day plus 3</u>	
<u>"Buying In"</u>	Post the close of DVP Equity Settlement in the relevant settlement system	<p>In its absolute discretion, the Clearing House may require the Clearing Members to delete the original bargain and match the deletion with the Clearing House.</p> <p>In the event that the Clearing House 'buys in', the Clearing House will deal for T+3 settlement. Clearing Members will be advised of the Buying In details. Associated costs will be for the account of the defaulting Clearing Member and will be debited via the relevant Clearing Member's account.</p> <p>For the purposes of Euroclear and where settlement in local CSD markets, the close of Equity Settlement will be the close of Daylight settlement on the Settlement Day.</p>
	<u>Settlement Day plus 6</u>	
<u>Settlement</u>	By the close of DVP Equity Settlement in the relevant settlement	Settlement effected.

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

	<u>TIME</u>	<u>ACTION</u>
	<u>system</u>	

3.2 Margining of Failed Settlements

All physically delivered Equity Futures/Options Contracts going in to delivery are placed within UCP in a pending delivery position at the option strike or delivery price. They are held there until Settlement Day. During this period, they are subject to Original and contingent Margin.

In the event of a failed delivery on the settlement day the contracts will continue to be liable for Margin until the delivery obligations has been satisfied. Margin is calculated independently on UCP.

4. CORPORATE EVENTS

4.1 The Clearing House shall not be responsible for any act with regard to any corporate event relating to any underlying or Deliverable of any LIFFE Equity Futures or Options Contract, or Stock Contingent Trades other than set out below.

For the purposes of these Delivery Procedures, the term 'Corporate Event' is used to refer to a corporate event of any description relating to an underlying LIFFE Equity Future/Option Contract or, Stock Contingent Contract (for example a rights issue, dividend payment, vote or other corporate entitlement).

While the Clearing House will use reasonable efforts to carry out the steps set out below, it shall have no liability for any loss or damage arising out of or connected with any action or inaction on its part or on its behalf in connection with any corporate event.

The Clearing House shall not be obliged to provide or forward any information, or deliver any notice, document or instruction received by the Clearing House or of which it is aware to any Clearing Member relating to or in connection with any Corporate Event.

In the event that a Clearing Member fails to take delivery of Securities by the final date for delivery of such Securities, due to insufficient funds, failure to match, by not allowing transactions to settle because of priority settings or for any other reason, the Clearing House may charge to that Clearing Member any costs incurred by the Clearing House or of which it is aware as a result thereof. Such charges will be debited to the Clearing Member's relevant account.

4.2 Distributions

(a) Claims

Any claim or distribution in respect of the underlying of a LIFFE Equity Future/Option Contract or Stock Contingent Contract should be carried out and settled in accordance with the relevant settlement system rules and procedures. All claims should be settled on their intended settlement date (ISD) and Clearing Members should ensure that priority settings allow the settlement of a distribution in the relevant settlement system.

Where claims or distributions are not settled in accordance with the procedures of the relevant settlement system, the Clearing House compensates cash claims on a net of tax basis, in accordance with Part 3 of the Rules.

The cash compensation is not itself a dividend payment and the Clearing House does not provide tax vouchers.

DELIVERY PROCEDURES: EQUITY FUTURE OPTIONS AND STOCK CONTINGENT TRADING DELIVERY PROCEDURES

The Clearing House does not reclaim Tax on a Clearing Member's behalf. If a Clearing Member is entitled to receive Tax benefit, then it will need itself to deal directly with the relevant Tax authority.

If the Clearing House incurs any liability to pay any Tax (including but not limited to any stamp duty, income tax, withholding tax and corporation tax) in respect of the cash compensation then it will require reimbursement in respect of such Tax liability and any costs and other expenses incurred in relation thereto, from the Clearing Member who is or was party to Contract concerned. The Clearing House will debit such amounts from the relevant account of that Clearing Member.

(b) Scrip Dividends

Where an issuing company announces a Scrip Dividend on an underlying LIFFE Equity Future/Option or Stock Contingent contract, Buying Clearing Members will only be permitted to receive the default option as directed by the relevant settlement system.

(c) Settlement of Claims outside of the relevant settlement system

Although Clearing Members are not permitted to delete claims in the relevant settlement system, the Clearing House may, in its discretion at any time, agree with a Clearing Member to co operate with that Clearing Member in order to make a Corporate Event "claim" a claim otherwise than through the relevant settlement system. In such circumstances, and always subject to the Clearing House's prior approval, the Clearing Member concerned may, in accordance with the Clearing House's instructions, thereafter delete the claim within the relevant settlement system and the Clearing House will provide reasonable co-operation with that Clearing Member to facilitate settlement. Without limiting the Clearing House's discretion in this regard, Clearing Members are advised that generally this is only likely to occur when there are, in the Clearing House's opinion, circumstances that would be likely to prevent settlement in the relevant settlement system.

(d) Fractional Entitlements

When an Issuer determines that an amount known as a "fractional entitlement" is payable to a shareholder entitled to the same, the Clearing House will accept a claim from a Buying Clearing Member which must input a cash only transaction in the relevant settlement system against the Clearing House for the total amount due. If the Clearing House agrees the claim it will itself input a cash only transaction against the Selling Clearing Member, which must match the Clearing House's cash only transaction within twenty four hours of the input of such transaction by the Clearing House. Following settlement of the Selling Clearing Member's cash only transaction, the Clearing House will match the cash only transaction of the Buying Clearing Member and that transaction will settle. If the Selling Clearing Member fails to match the Clearing House's cash only transaction within the time period set out above, then the Clearing House will debit the total amount of the claim via the Selling Clearing Member's account. Where a Buying Clearing Member issues a claim for a 'fractional entitlement' more than one month after the Issuer determines that such entitlements are payable, such claim will be treated as invalid by the Clearing House, and the Clearing House will be under no obligation whatsoever to make any payment to the Buying Clearing Member with regard to the fractional entitlement associated therewith.

(e) Lapsed Rights Proceeds

Where a Buying Clearing Member issues a rights claim more than one month after the appropriate deadline nominated by the Issuer for acceptance of an offer in respect thereof, such claim shall be treated as invalid by the Clearing House, and the Clearing House shall be under no obligation whatsoever to make any payment to the Buying Clearing Member with regard to the lapsed rights premium associated therewith.

4.3 Elective Corporate Events

The Clearing House will not accept any instructions from Buying Clearing Members in relation to any corporate event. The Clearing House will allow the Corporate Event to default to the 'default option' as directed by the relevant settlement system.

Where a Selling Clearing Member does not make an election (where applicable) in accordance with the default option as directed by the relevant settlement system, that Clearing Member will be responsible for reimbursing the Clearing House for any costs, expenses and other losses suffered by the Clearing House in connection with that failure or omission.

4.4 Transformations

(a) Transformation Skip

Clearing Members are not permitted to skip a transformation with regard to any LIFFE physically delivered Equity Future/Option Contract or Stock Contingent Contract. In the event that a Clearing Member does skip a transformation, that Clearing Member will be responsible for reimbursing the Clearing House for any costs, expenses and other losses suffered by the Clearing House as a result of skipping such transformation. Such costs will be debited from the Clearing Member's account.

(b) Last Time for Delivery

Where a Corporate Event occurs, Selling Clearing Members may only deliver the original securities providing the delivery occurs prior to the Last Time for Delivery. (The Last Time for Delivery is the close of delivery versus payment equity settlement in the relevant settlement system, one relevant settlement system business day prior to the call payment or registration date.)

Thereafter, such a Selling Clearing Member must deliver the new securities. In the event that a Selling Clearing Member does deliver the original securities, and the Buying Clearing Member declines to accept delivery of such original securities, then the Clearing House will return the original securities to the Selling Clearing Member and the Selling Clearing Member is obliged to deliver to the Clearing House the new securities in accordance with such directions as may be given by the Clearing House.

(c) Non Transformation

Where the relevant settlement system does not perform a transformation, the Clearing House will manually enter the particulars of the physically delivered Equity Future/Option Contract or Stock Contingent Contract, which will include particulars of the new securities. Clearing Members must immediately input matching instructions in order to match with those new particulars.

5. DELIVERY DOCUMENTATION SUMMARY

5.1 Summary Clearing Member Delivery Details Report (MDD)

This report is made available to members upon early exercise or expiry of a physically delivered Equity Future or Option Contract and informs Clearing Members of the following:

- (a) the Contract mnemonic of the shares to be delivered or received;
- (b) the settlement day on which delivery will occur; and
- (c) the quantity of shares to be delivered or received and the delivery price.

It will be available on UCP to all Clearing Members by 07:00 every Business Day.

Clearing Members are advised to print this report on a daily basis and retain it as a record of their Contracts which are subject to delivery obligations.

This report is specific to each day of exercise/delivery, it is not cumulative. Clearing Members should refer to UCP Delivery Pending Report (DPR) which gives details of all contracts pending delivery and the HIT report.

5.2 Clearing Member Stock Contingent Position Report (SCTM)

This report is made available to Clearing Members who execute stock contingent trades and informs Clearing Members of the following:

- (a) the Clearing Member's sub account;
- (b) the "underlying mnemonic" of the LIFFE contract to be delivered or received;
- (c) the "derivative mnemonic" of the LIFFE contract;
- (d) the settlement day on which delivery will occur;
- (e) the trade reference number;
- (f) a buy/sell indicator;
- (g) the quantity of shares to be delivered or received and the delivery price;
- (h) the total consideration;

It will be available on UCP to all Clearing Members by 07:00 on the Business Day following trade.

Clearing Members are advised to print this report and retain it as a record of their Contracts subject to delivery obligations.

This report is cumulative until trades have been settled.

5.3 Stock Contingent Trade Reconciliation Report (SCTR)

This report is made available to Clearing Members who execute Stock Contingent Trades and provides details of the Volatility Trades. The report enables Clearing Members to reconcile Stock Contingent Bargains against the related individual Volatility Trades. The report should be used in conjunction with the Clearing Member Stock Contingent Trade Report and provides Clearing Members with the following information:

- (a) the Clearing Member's sub account;
- (b) the trade date;
- (c) the settlement date;
- (d) the UCP slip number;
- (e) the CONNECT reference number;
- (f) the EMS reference number;
- (g) the trader mnemonic;

- (h) the NCM mnemonic;
- (i) the expiry date;
- (j) the underlying contract mnemonic;
- (k) the derivative contract mnemonic;
- (l) the exercise price;
- (m) the volume traded;
- (n) buy/sell details;
- (o) contract type;
- (p) account; and
- (q) account reference.

It will be available on UCP to all Clearing Members by 07:00 on the Business Day following trade.

Clearing Members are advised to print this report and retain it as a record of their Contracts subject to delivery obligations.

This report is cumulative until trades have been settled.

5.4 LIFFE Physically Delivered Equity Option Settlement Details Form

This form must be completed by each Clearing Member wishing to clear LIFFE Equity Option Contracts. The form must be signed by an authorised signatory of the Clearing Member.

Clearing Members must give a minimum of five Business Days' notice of amendments or updates to settlement details. A new form fully completed must be provided for each change.

5.5 LIFFE Equity Futures Contracts Settlement Details Form

This form must be completed by each Clearing Member wishing to clear the LIFFE Physically Delivered Equity Future Contracts. The form must be signed by an authorised signatory of the Clearing Member.

Clearing Members must give a minimum of five Business Days' notice of amendments or updates to settlement details. A new form must be completed and provided for each change.

5.6 LIFFE Stock Contingent Trades Settlement Details Form

This form must be completed by each Clearing Member wishing to clear LIFFE Stock Contingent Trades. The form must be signed by an authorised signatory of the Clearing Member.

Clearing Members must give a minimum of five Business Days' notice of amendments or updates to settlement details. A new form must be completed and provided for each change.

5.7 LIFFE Stock Contingent Allocation Change Request Form

Clearing Members requiring the allocation of the stock leg of a stock contingent trade on trade day plus 1 must complete this form. The form must be completed in full by all Originating Members and relevant receiving Clearing Members involved in the allocation and submitted by no later than 16:00 on trade day

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plus 1. The Clearing House will charge a fee of £6.00 per Originating Member and Receiving Member per bargain. Charges will be included in each months general fee invoice.

SCHEDULE OF FORMS AND REPORTS

1	Notice to Cash Settle ICE Brent Futures
2	Standing Notice to Cash Settle ICE Brent Futures
3	ICE Gasoil Futures Delivery Day Nomination Table
4	ICE Gasoil Futures: Seller's Tender Notice
5	ICE Gasoil Futures: Buyer's Preference Notice
6	ICE Gasoil Futures: Notice to Buyer
7	ICE Gasoil Futures: Notice to Seller
8	ICE Gasoil Futures: Delivery Range Nomination
9	ICE Gasoil Futures: Installation Nomination
10	ICE Gasoil Futures: Delivery Day Nomination-Vessel
11	ICE Gasoil Futures: Delivery Day Nomination-In Tank/Inter Tank
12	ICE Gasoil Futures: Notification of Amicable Agreement Period
13	ICE Gasoil Futures: Confirmation of Agreed ADP
14	Referral Form
15	ICE UK Natural Gas Futures Daily Summary Report
16	ICE UK Natural Gas Futures Delivery Confirmation Form
17	ICE UK Natural Gas Futures: Transferee Form
18	ICE UK Natural Gas Futures: Transferor Form
19	ICE UK Natural Gas Futures: Blanket Transferee Form
20	ICE UK Natural Gas Futures: Blanket Transferor Form
21	ICE UK Natural Gas Futures Conversion and Confirmation Report
22	ICE UK Natural Gas Futures Invoice
23	ICE UK Natural Gas Futures Account Sale
24	Invoice Report (Failed Deliveries)
25	Credit Note Report (Failed Deliveries)
26	ICE Futures UK Electricity Futures: Base/Peak Position Report
27	ECVNA Authorisation Request

DELIVERY PROCEDURES: SCHEDULE OF FORMS AND REPORTS

28	ICE UK Base/Peak Electricity Delivery Summary Report
29	Invoice Report
30	Account Sale Report
31	Invoice Report: Failed Deliveries
32	Credit Note Report: Failed Deliveries
33	ICE UK Base/Peak Electricity: Delivery Confirmation Form
34	ICE UK Base/Peak Electricity: Transferee Form
35	ICE UK Base/Peak Electricity: Transferor Form
36	Confirmation Report
37	Carbon Emissions Allowance Position Report
38	CER Position Report ICE Registry Account Notification Form
39	Seller's Allowance ICE Monthly Delivery Confirmation Form
40	Seller's CER ICE Auction Delivery Confirmation Form
41	Buyer's Allowance ICE Daily Delivery Confirmation Form
42	Buyer LIFFE Cocoa Contract: Seller's CER Delivery Confirmation Form Notice
43	LIFFE Cocoa Contract: Buyer's Position Notice
44	LIFFE Cocoa Contract: Buyer's Invoice
45	LIFFE Cocoa Contract: Seller's Account Sales
46	LIFFE Cocoa Contract: Provisional Buyer's Invoice
47	LIFFE Cocoa Contract: Provisional Seller's Account Sales
48	LIFFE Cocoa Contract: Conversion Notice
49	LIFFE Cocoa Contract: Seller's LDU Conversion Notice
50	LIFFE Cocoa Contract: Seller's BDU Conversion Notice
51	LIFFE Coffee-10 Tonne: Seller's Delivery Notice
52	LIFFE Coffee-10 Tonne: Buyer's Invoice
53	LIFFE Coffee-10 Tonne: Seller's Account Sales
54	LIFFE Coffee-10 Tonne: Substitution Invoice
55	LIFFE Coffee-10 Tonne: Substitution Account Sale

DELIVERY PROCEDURES: SCHEDULE OF FORMS AND REPORTS

<u>56</u>	<u>LIFFE Coffee-10 Tonne: Adjustment Invoice</u>
<u>57</u>	<u>LIFFE Coffee-10 Tonne: Adjustment Account Sale</u>
<u>58</u>	<u>LIFFE White Sugar Contract: Seller's Notice of Tender</u>
<u>59</u>	<u>LIFFE White Sugar Contract: Seller's Delivery Notice</u>
<u>60</u>	<u>LIFFE White Sugar Contract: Seller's Account Sales</u>
<u>61</u>	<u>LIFFE White Sugar Contract: Buyer's Invoice</u>
<u>62</u>	<u>LIFFE Wheat Contract: Seller's Account Sales</u>
<u>63</u>	<u>LIFFE Wheat Contract: Buyer's Invoice</u>
<u>64</u>	<u>LIFFE Wheat Contract: Seller's Delivery Notice</u>
<u>65</u>	<u>LIFFE GILTS: Seller's Delivery Notice</u>
<u>66</u>	<u>LIFFE GILTS: Buyer's Notification</u>
<u>67</u>	<u>LIFFE GILTS: Buyer's Delivery Invoice</u>
<u>68</u>	<u>LIFFE GILTS: Seller's Delivery Account Sale</u>
<u>69</u>	<u>LIFFE GILTS: Delivery Instructions for Sellers</u>
<u>70</u>	<u>LIFFE GILTS: Delivery Instructions for Buyers</u>
<u>71</u>	<u>LIFFE Equity Futures/Options Contracts: Summary Clearing Member Delivery Details Report (MDD)</u>
<u>72</u>	<u>LIFFE Equity Futures/Options Contracts: Clearing Member Stock Contingent Position Report (SCTM)</u>
<u>73</u>	<u>LIFFE Equity Futures/Options Contracts: Stock Contingent Trade Reconciliation Report (SCTR)</u>
<u>74</u>	<u>LIFFE Physically Delivered Equity Option: Settlement Details Form</u>
<u>75</u>	<u>LIFFE Equity Futures Contracts: Settlement Details Form</u>
<u>76</u>	<u>LIFFE Stock Contingent Trades: Trades Settlement Details Form</u>
<u>77</u>	<u>LIFFE Stock Contingent Trades: Allocation Change Request Form</u>