

Product Specification

Effective date 03rd September 2010

PRODUCT SPECIFICATION**1. INTERPRETATION**

1.1 Unless otherwise specified, words and phrases defined in the applicable Rulebook shall mean the same as in these Terms.

1.2 Herein, the following words and expressions shall be defined as described below:

"Base Load" [power]	7 days a week, 24 (25/23 on daylight saving switch day) hours a day (from 00:00 am until 12:00 pm CET of a calendar day)
"Baltic Exchange" [freight]	the Baltic Exchange Limited or any Successor thereto.
"Bunkerworld"[oil]	means Bunkerworld Benchmark Price or any successor thereto.
"Contract"	a contract in a Product.
"EEX"	European Energy Exchange AG or any successor thereto
"FCA" [fish]	Free Carrier as defined by Incoterms 2000.
"Fish Pool Index TM " or "FPI" [fish]	a basket of indices as defined in the Fish Pool Index TM Appendix published by Fish Pool.
"Flat Rate" [freight]	as published by Worldscale Association (London) Limited and Worldscale Association (NY) Inc.
ICIS Heren	means the Heren Report European Spot Gas Market (ESGM Price Assessment) or any successor thereto
"Index"	the index of ocean freight rates, oil products, power products or fish products, calculated in respect of each Underlying published by an Index Provider.
"Index Provider"	Baltic Exchange, Bunkerworld, Platts or Fish Pool, Nord Pool Spot (Nordic System Price), EEX (Phelix®).
"Index Day"	a day on which the Index Provider publishes an Index.
"Last Trading Day"	the last day on which a Market is open for Electronic Transactions in a specific Product.
"Last Price"	the price of the last traded Contract on a Trading Day.
"NOK"	Norwegian Kroner. The currency of Norway.
"Nord Pool Spot"	Nord Pool Spot AS or any successor thereto
"Peak Load" [power]	Monday to Friday, 12 hours a day (from 08:00 am until 08:00 pm CET between Monday and Friday).
"Platts" [freight, oil]	means Platts Clean Tanker Wire, Platts Market Scan - Market on Close (MOC), or any successor thereto.

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"Product"	a Listed or Cleared derivative contract series related to an Underlying.
"Rulebook"	means Rulebook for Trading at International Maritime Exchange ASA, Rulebook for Trading at NOS Direct AS or Rulebook for Clearing with NOS Clearing ASA.
"Terms"	this Appendix 5 to the applicable Rulebook.
"Ticker"	means an identifier of the Contract. For Futures Contracts the Ticker shall consist of the Underlying and the Delivery Period. For Option Contracts the Ticker shall consist of the Underlying, the Delivery Period, the Option Type and the Exercise Price.
"Underlying"	the asset or Index to which the relevant Product is linked, being the Index or Future Contract which is specified as such in the Product Specification for the Product and which is used for settlement of Contracts.
"Week"	Monday to Sunday
"Working Days"	Any day other than Saturday, Sunday and public holidays
"Worldscale Point" [freight]	A point of the pricing index in respect of oil tanker freight, operated by Worldscale Association (London) Limited and Worldscale Association (NY) Inc.

- 1.3 References to a "Term" refer to a term hereof. Save where the context otherwise requires, references in these Terms to the singular also include the plural and vice versa.

GENERAL

- 2.1 These Terms shall apply to each Contract in a Product.
- 2.2 Each Futures Contract shall be for the sale and purchase of one or more lots for the Delivery Period specified in relation to an Underlying. Each Option Contract shall be a Call Option or a Put Option on one or more lots for the Delivery Period specified in relation to an Underlying.
- 2.3 Each Contract shall be subject to the provisions of the applicable Rulebook. In the event of any conflict between the Rulebook and these Terms, the Rulebook shall prevail.

3. PRICE

- 3.1 The value of a Contract shall be calculated in accordance with the calculation set out in the relevant “Product specification summary” attached as Annexes to this Appendix.

4. CESSATION OF TRADING AND DELIVERY PERIOD SETTLEMENT

- 4.1 The Last Trading Day of a Product shall be as set out in the Product Specification.
- 4.2 On the Last Trading Day of a Product, trading shall cease at the end of Clearing Hours.
- 4.3 NOS shall perform Delivery Period Settlement in accordance with the applicable Rulebook.

5. CLOSING PRICE AND SPOT PRICE

- 5.1 NOS shall set the Closing Price for each Product on each Clearing Day, including the Last Trading Day based on price data from the Markets or other sources which provide price data for the relevant Products. The Closing Price shall reflect the market value of the Product at the end of Clearing Hours.

- 5.2 Where price data is available from Regulated Exchanges or Regulated Market Places, NOS shall calculate the Closing Price as follows:

- (a) Closing Price is set to:

The best bid, if last price < best bid
The best offer, if last price > best offer
or else use Last Price.

The best bid and offer prices shall be collected at the end of Clearing Hours, and the Last Price shall be based on the price of a trade concluded during the last one hours of the Clearing Hours selected on a random basis.

- (b) For a new Product, the Closing Price of the last similar Product shall be used as the Closing Price for margining purposes from the start of Clearing Hours on the first Trading Day.
- (c) NOS may set a different Closing Price if, in NOS’ opinion the Closing Price does not reflect a correct market value.
- 5.3 The Closing Price after the Last Trading day until Final Settlement Day will be set by NOS as a calculated price consisting of known Spot Prices and prices from Products still available for trading reflecting the remaining Delivery Period.
- 5.4 NOS shall calculate the Closing Price for each option Product each Clearing Day including the Final Settlement Day using a recognised option pricing formula.
- 5.5 If for any reason an Index is not published within the end of Clearing Hours, NOS may use the Spot Price for the preceding Index Day in calculation of settlements. NOS will correct settlements the next Clearing Day based on the correct Spot Price.

6. ERRORS IN PRICING

- 6.1 If, within Clearing Hours on the day in which it is calculated, a Member notifies NOS of, or there otherwise comes to the attention of NOS, an alleged or apparent error in the calculation of a Closing Price, Spot Price or the Index by reference to which such a price is calculated, then NOS shall promptly investigate such alleged or apparent error.
- 6.2 NOS shall use reasonable endeavours to correct any error in a Closing Price or Spot Price promptly.
- 6.3 If in its opinion an error has been made in the calculation of an Index, NOS shall promptly notify the Index Provider. No notification by NOS to the Index Provider, with a view to a possible correction of the Index,

shall be made in respect of any error notified to NOS or coming to their attention on such day after the time so specified in NOS's complaint procedures.

- 6.4 If the Index Provider has, within Clearing Hours on the same day, published a corrected Index in respect of such day, that corrected Index shall be used in the calculation of the Spot Price. If the Index Provider has not published a corrected Index by such time, the Index originally published in respect of such day shall be used in the calculation of the Spot Price, unless NOS in its sole discretion that the Index as published is manifestly incorrect. If so, NOS may declare that the Spot Price of the previous Clearing Day shall continue to apply.
- 6.5 No correction to the Index, or re-calculation of a Closing Price or Spot Price shall be made other than as provided for in this Term.
- 6.6 NOS nor NOS Personnel shall have any liability whatsoever in respect of any decision by the Index Provider as to whether or not to correct an Index or as to the amount of any correction, or of any decision by the Index Provider or any exchange officials as to whether or not to notify the Index Provider of an alleged or apparent error or to re-calculate the Spot Price.
- 6.7 If for any reason the Index Provider after the Final Settlement Day corrects an Index, NOS will adjust the Settlement Price and effect settlements to correct the Delivery Period Settlement and the Exercise Settlement of relevant Contracts to reflect such corrections. NOS will correct settlements for corrections published within the time limit set out in the Product Specification Summary.
- 6.8 If for any reason the Index Provider cannot provide any Index required for establishing the Spot Price, then NOS shall form a panel to establish the Spot Price, which will be binding on all parties. In this event, the parties hereto agree to indemnify and hold harmless this panel and NOS against all actions, claims, demands, liabilities, damages, costs and expenses consequentially to panellists' decision.

7. PROCEDURES FOR FORCED TERMINATION

- 7.1 If NOS is not able to effect Close-out Contracts for all or some of the Defaulter's Contracts according to Clauses 7.3.1 or 7.3.2 in the Rulebook, NOS may effect Forced Termination according to this Clause.
- 7.2 Clearing Members who hold opposite positions in Contracts bought or sold by the Defaulter, may be subject to Forced Termination of Contracts for all or part of the positions at an forced termination Price/Premium calculated by NOS according to the Product Specification. NOS shall in this event at random select Buyer(s) or Seller(s) in the relevant Contracts for termination of their Contracts, and organise and perform settlement as provided for in the Product Specification. NOS will select in increments of 5 lots until the Defaulter's position is closed out. The selection is with replacement, so one Clearing Member can be selected more than once.
- 7.3 A Member who is selected for Forced Termination, shall be informed immediately following the decision by NOS to effect Forced Termination through oral and written electronic or facsimile communication to the Responsible Person. Information is considered delivered by NOS upon attempt to contact the Responsible Person by phone and sending written information.

8. SPECIAL SETTLEMENT FOR FREIGHT DERIVATE PRODUCTS

- 8.1 All Contracts where the price quotation is in World Scale are initially valued based on the prevailing Flat Rate for the Contract at the time of the trade.
- 8.2 NOS shall following the introduction of a new Flat Rate, calculate and perform Adjusted Flat Rate Settlement for all Contracts with Final Settlement Day on or subsequent to the day of the introduction of a new Flat Rate.
- 8.3 The Adjusted Flat Rate Settlement is calculated as the difference between the Contract Value/Premium Value based on the new Flat Rate and the Contract Value/Premium Value based on the preceding Flat Rate. Following the Flat Rate adjustment, all Contracts are valued based on the new Flat Rate for the relevant part of the Delivery Period. The Contract Value/Premium Value is calculated according to the Product Specification.
- 8.4 NOS may require Collateral for expected Flat Rate adjustments.

9. FORCE MAJEURE

Subject to the applicable Rulebook, a Seller or a Buyer shall be liable to perform its obligations in respect of a Lot comprised in a transaction. By the due time therefore, notwithstanding that he may be, or is likely to be prevented from doing so by any event beyond his reasonable control including, without limitation, change of law or regulation, acts of God or a public enemy, acts of a civil or military authority, embargoes, fires, flood, labour dispute, unavailability or restriction of computer or data processing facilities, energy supplies settlement systems or of bank transfer systems or wires.

10. CHANGES TO TERMS

- 10.1 The provisions of the applicable Rulebook as to changes to the Rulebook (including for the avoidance of doubt these Terms) shall apply.
- 10.2 Any change to these Terms made by NOS or International Maritime Exchange ASA shall be the subject of a Notice.
- 10.3 A transaction affected by a variation under clause 9 shall remain in full force and effect subject to such variation and shall not be treated as frustrated or repudiated except in so far as may be allowed by NOS.

11. DISPUTE RESOLUTION

Any dispute arising from or in relation to a transaction, shall be resolved in accordance with the applicable Rulebook.

12. GOVERNING LAW AND JURISDICTION

Every transaction shall be governed by and construed in accordance with English Law.

13. CONTRACTS (RIGHTS OF THIRD PARTIES) ACT 1999

Except as expressly provided in the applicable Rulebook, nothing in these Terms shall benefit a person who is not a Buyer or Seller under such transaction or NOS under the Contracts (Rights of Third Parties) Act 1999, and such persons shall have no right to enforce any provision thereof.

LISTED PRODUCT

CRUDE OIL/DIRTY - CLEAN PETROLEUM PRODUCT

**PRODUCT SPECIFICATION
SUMMARY**

Product	Listed tank futures products traded on IMAREX:		
Underlying	Index	Index Provider	Closing Price Provider
	101: TD 7, Aframax, North Sea - Continent, 80,000 mt	Baltic Exchange	Imarex
	102: TD 9, Aframax, Caribs – USG, 70,000 mt	Baltic Exchange	Imarex
	103: TD 5, Suezmax, West Africa - USAC, 130,000 mt	Baltic Exchange	Imarex
	104: TD 3, VLCC, AG – East, 260,000 mt	Baltic Exchange	Imarex
	107: TD8, Aframax, Kuwait – Singapore, 80,000 mt	Baltic Exchange	Imarex
	108: TD17, Aframax, Baltic Sea – Continent, 100,000 mt	Baltic Exchange	Imarex
	109: TD11, Aframax, Cross – Med, 80,000mt	Baltic Exchange	Imarex
	110: TD16, MR, Black Sea – Mediterranean, 30,000mt	Baltic Exchange	Imarex
	111: TD18, MR, Baltic Sea – Continent, 30,000mt	Baltic Exchange	Imarex
	151: TC 4, MR, Singapore - Japan, 30,000 mt	Platts	Imarex
	152: TC 2, MR, Continent – USAC, 37,000 mt	Baltic Exchange	Imarex
	154: TC 5, LR 1, AG – Japan, 55,000 mt	Platts	Imarex
	155: TC 6, MR, Algeria – Euromed, 30,000 mt.	Baltic Exchange	Imarex
	160: TD3_TCE, VLCC AG-East, 260,000mt	Baltic Exchange	Imarex
	170: TC11, South Korea – Singapore, 40,000 mt	Baltic Exchange	Imarex
	171: TC2USD, MR Continent-USAC, 37,000mt	Calc by NOS*	Imarex**
	172: TD3USD, VLCC AG-East, 260,000mt	Calc by NOS*	Imarex**
Flat Rates	As published by the Worldscale Association (London) Limited and the Worldscale Association (NY) Inc.		
Price quotation	101-155: Worldscale points 160: USD/day 170- 172: USD/mt		
Minimum price fluctuation	101-155: 0.25 Worldscale point 160: 250 USD/day 170- 172: 0.0001 USD		
Contract value	101-155: #Lots × Lot size × Worldscale Flatrate × (Worldscale points/100) (The Worldscale Flatrate applicable for each Index Day in the Delivery Period) 160: #Lots × Lot size × Price 170-172: #Lots × Lot size × Price		
Delivery Period	Month: First Index Day of the month to last Index Day of the month. Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts. Year: First Index Day of the Year to last Index Day of the Year. A Year Contract is split into equally into 12 Month Contracts on the Trading day and settled as Month Contracts.		
Final Settlement Day	Last settlement day in the Delivery Period.		
Settlement Price	The arithmetic average of the Spot Prices for the relevant Underlying Product over the number of Index Days in the Delivery Period.		

Lot size 101-155, 170-172:
Month: 1 lot = 1,000 mt
Quarter: 1 lot = 3,000 mt
Year: 1 lot = 12,000 mt

160:
Month: 1 lot = 1 day
Quarter: 1 lot = 3 days
Year: 1 lot = 12days

Minimum lots per contract

Trayport
1 lot in all Products

Clearing
0.01 lot in all Products

Product structure

Trading:
101-155, 170-172:
Months: 6 consecutive months starting with the current month. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day.
Quarters: 6 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.
Year: 2 year Products available. A new year Product commencing in the next full calendar year is introduced once the current year is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.
160:
Months: 6 consecutive months starting with the current month. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day.
Quarters: 6 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.
Year: 2 year Products available. A new year Product commencing in the next full calendar year is introduced once the current year is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day

Clearing
Monthly contracts covering the Product structure for Trading

Last trading day

Trading: 101-172:

Month: Last Trading Day is the last day of the Delivery Period for the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to this.

Quarter: Last Trading Day is the last Trading Day of the first month of the quarter.

Year: Last Trading Day is the last Trading Day of the first month of the year.

Clearing 101-172:

Last day of the Delivery Period for the relevant Monthly Product

*The Spotprice is calculated based on the Baltic Exchange spotprice in Worldscale points multiplied by the prevailing flatrate.

** The Closing Price is calculated based on the Worldscale Closing Price for the corresponding future product quoted in WS, multiplied with the estimated flatrate for the Delivery Period in question.

LISTED PRODUCT

DRY BULK – INDEX PRODUCTS

PRODUCT SPECIFICATION - SUMMARY

Product	Listed dry index futures products traded on IMAREX		
Underlying	Index 800: Baltic Dry Index - BDI	Index Provider Baltic Exchange	Closing Price Provider Baltic Exchange
Price quotation	USD		
Minimum price fluctuation	USD 1		
Contract value	# Lots x Lot size x Price		
Delivery Period	<p>Month: First Index Day of the Month to last Index Day of the Month.</p> <p>Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts.</p> <p>Year: First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading day and settled as Month Contracts.</p>		
Final Settlement Day	Last settlement day in the Delivery Period.		
Settlement Price	The average of Spot Prices for the relevant Underlying Product in the Delivery Period		
Lot size	Trayport: lot = 1	Clearing: lot = 1	
Minimum lots per contract	Trayport: 1 lot in all Month Products Multiple of 3 lots in Quarter Products Multiple of 12 lots in Year Products	Clearing: 0.01 lot in all Products	

Product structure	Trayport	Clearing
	<p>Month: 4 consecutive Month Contracts. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day.</p> <p>Quarter: 4 consecutive quarterly Contracts. When 1/3 of the quarter Contract is settled/delivered (after 1 month), the Contract will be taken off screen and a new quarter Contract will be introduced.</p> <p>Year: 4 yearly Contracts commencing January each year. When 1/12 of the yearly Contract is settled/delivered (after 1 month), the yearly Contract will be taken off screen and a new yearly Contract will be introduced.</p>	<p>Monthly contracts covering the Product structure on Trayport</p>
Last trading day	Trayport	Clearing
	<p>Month: Last Trading Day is the last day of the Delivery Period for month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to this.</p> <p>Quarter: When 1/3 of the Contract is delivered. Last Trading Day in the first month of the Contract.</p> <p>Year: When 1/12 of the Contract is delivered. Last Trading Day in the first month of the Contract.</p>	<p>Last day of the Delivery Period for the relevant Monthly Product</p>

LISTED PRODUCT

**DRY BULK
(Single routes)**

PRODUCT SPECIFICATION - SUMMARY

Product	Listed dry futures products are traded on IMAREX		
Underlying	Index	Index Provider	Closing Price Provider
	211: C4, Capesize, Richards Bay – Rotterdam, 150,000 mt	Baltic Exchange	Baltic Exchange
	212: C7, Capesize, Bolivar – Rotterdam, 150,000 mt	Baltic Exchange	Baltic Exchange
	213: C4 AVG: Capesize, Richards Bay – Rotterdam, 150,000 mt	Baltic Exchange	Baltic Exchange
	214: C7 AVG: Capesize, Bolivar – Rotterdam, 150,000 mt	Baltic Exchange	Baltic Exchange
	241: P2A, Panamax, T/C Skaw Gibraltar – Far East	Baltic Exchange	Baltic Exchange
	242: P3A, Panamax, T/C S.Korea – Japan Pacific R/V	Baltic Exchange	Baltic Exchange
	243: S7, Supramax, East Coast India – China	Baltic Exchange	Baltic Exchange
	244: P1A, Panamax, T/C Transatlantic RV	Baltic Exchange	Baltic Exchange
Lot size	211, 212, 213, 214: 1 lot = 1,000 mt 241, 242, 243, 244: 1 lot = 1 day		
Price quotation	211, 212, 213, 214: USD/mt 241, 242, 243, 244: USD/day		
Minimum price fluctuation	211, 212, 213, 214: USD 0.05 241, 242, 243, 244: USD 25.00		
Contract value	#Lots × Lot size × Price		
Delivery Period	<u>For Products (211, 212):</u> Month: Last 7 Index Days in the month Year: A Year Contract will be split equally into January, April, July, October Month Contracts on the Trading Day and all months will be delivered as Month Contracts as defined above. <u>For Products (241, 242, 244):</u> Month: Last 7 Index Days in the month Quarter: A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contract. <u>For Products (213, 214, 243):</u> Month: First Index Days of month to last Index Day of month Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contract. Year: First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading Day and settled as Month Contracts. If the splitting of a Quarter or Year Contract according to the method above would result in positions with more than two decimals, the rest position is dispersed in 0.01 lots on the Month Contracts, starting with the last Month Contract according to Delivery Period and working backwards.		
Final Settlement Day	Last day of the Delivery Period		
Settlement Price	The arithmetic average of the Spot Prices for the relevant Underlying Product over the number of Index Days in the Delivery Period.		
Minimum lots per contract	Trayport: 1 lot in all Products	Clearing: 0.01 lot in all Products	

Product structure

Trayport

For Products (241, 242, 244):

Month: 6 consecutive monthly Contracts. When a monthly Contract enters its Delivery Period, a new Contract will be introduced.

Quarter: 3 consecutive quarters. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day.

For Products (211, 212):

Month: 12 consecutive monthly Contracts. When a monthly Contract enters its Delivery Period, a new Contract will be introduced.

Year: 3 consecutive yearly Contracts. When the first month of the yearly Contract enters its Delivery Period, the Contract will be taken off screen and a new yearly Contract will be introduced.

For Products (213, 214):

Months: 4 consecutive months starting with the current month. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day.

Quarters: 6 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day.

Year: 3 consecutive yearly Contracts. When the first month of the yearly Contract enters its Delivery Period, the Contract will be taken off screen and a new yearly Contract will be introduced.

For Products (243):

Quarter: Current Quarter and 4 consecutive quarters. Please refer to "Last Trading Day" for details on last trading day.

Last trading day

Trayport

For Products (211, 212, 213, 214, 241, 242, 243, 244):

Month: Last Trading Day is the last day of the Delivery Period for the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to this.

Clearing

Monthly contracts covering the Product structure on Trayport

Clearing

Last day of the Delivery Period for the relevant Monthly Product

Quarter: Last Trading Day is the Last Trading Day of the first month of the quarter.

Year: Last Trading Day is the Last Trading Day of the first month of the year.

LISTED PRODUCT

**DRY BULK
(T/C baskets)**

PRODUCT SPECIFICATION - SUMMARY

Product	Listed dry futures products traded on IMAREX (based on Timecharter baskets):		
Underlying	Index	Index Provider	Closing Price Provider
	220: CS 4 TC, Capesize, T/C Average	Baltic Exchange	Baltic Exchange
	250: PM 4 TC, Panamax, T/C Average	Baltic Exchange	Baltic Exchange
	270: HS 6 TC, Handysize, T/C Average	Baltic Exchange	Baltic Exchange
	290: SM 6 TC, Supramax, T/C Average	Baltic Exchange	Baltic Exchange
Price quotation	USD/day		
Minimum price fluctuation	USD 25.00		
Contract value	# Lots x Lot size x Price		
Delivery Period	<p>Month: First Index Day of the Month to last Index Day of the Month.</p> <p>Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts. If the traded volume in the Quarter Contract equals the total or half the number of days or in the actual quarter, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Quarter.</p> <p>Half Year: First Index Day of the Half Year to last Index Day of the Half Year. A Half Year Contract will be split equally into 6 Month Contracts on the Trading Day and settled as Month Contracts. If the traded volume in the Half Year Contract equals the total or half number of days in the actual Half Year, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Half Year.</p> <p>Year: First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading day and settled as Month Contracts. If the traded volume in the Year Contract equals the total or half number of days in the actual Year, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Year.</p> <p>If the splitting of a Quarter, Half Year or Year Contract according to the method above would result in positions with more than two decimals, the rest position is dispersed in 0.01 lots on the Month Contracts, starting with the last Month Contract according to Delivery Period and working backwards.</p>		
Final Settlement Day	Last settlement day in the Delivery Period.		
Settlement Price	The average of Spot Prices for the relevant Underlying Product in the Delivery Period		
Lot size	1 lot = 1 day		
Minimum lots per contract	Trayport: 1 lot in all Products	Clearing: 0.01 lot in all Products	

Product structure	Trayport	Clearing
	<p>Month: 4 consecutive Month Contracts. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day. .</p> <p>Quarter: 4 consecutive quarterly Contracts. When 1/3 of the quarter Contract is settled/delivered (after 1 month), the Contract will be taken off screen and a new quarter Contract will be introduced.</p> <p>Half Year: 2 consecutive half-yearly Contracts. When 1/6 of the half year Contract is settled/delivered (after 1 month), the half year Contract will be taken off screen and a new half year Contract will be introduced.</p> <p>Year: 5 yearly Contracts commencing January each year When 1/12 of the yearly Contract is settled/delivered (after 1 month), the yearly Contract will be taken off screen and a new yearly Contract will be introduced.</p>	<p>Monthly contracts covering the Product structure on Trayport</p>

Last trading day	Trayport	Clearing
	<p>Month: Last Trading Day is the last day of the Delivery Period for the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to this.</p> <p>Quarter: Last Trading Day is the last Trading Day of the first month of the quarter.</p> <p>Half Year: Last Trading Day is the last Trading Day of the first month of the half year.</p> <p>Year: Last Trading Day is the last Trading Day of the first month of the year.</p>	<p>Last day of the Delivery Period for the relevant Monthly Product</p>

LISTED PRODUCT

OIL PRODUCT

**PRODUCT SPECIFICATION
SUMMARY**

Product	Listed oil futures products traded on IMAREX:		
Underlying	Index	Index Provider	Closing Price Provider
	301: RDM35FO, Fuel Oil 3.5% FOB Barges Rotterdam	Platts	Imarex
	302: NWE10FO, Fuel Oil 1% FOB Cargoes NWE	Platts	Imarex
	321: SPO180FO, Fuel Oil 180 CST FOB Cargoes Singapore	Platts	Imarex
	322: SPO380FO, Fuel Oil 380 CST FOB Cargoes Singapore	Platts	Imarex
	341: USG30FO, Fuel Oil US Gulf Coast No.6 3.0% Sulphur FOB (Waterborne)	Platts	Imarex
Price quotation	For Products 301, 302, 321, 322: USD/mt		
	For Product 341: USD/bbl		
Minimum price fluctuation	0.05 USD		
Contract value	#Lots × Lot size × Price		
Delivery Period	Month: First Index Day of the month to last Index Day of the month.		
	Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts.		
	Year: First Index Day of the Year to last Index Day of the Year A Year Contract is split into equally into 12 Month Contracts on the Trading day and settled as Month Contracts.		
Final Settlement Day	For Products 301, 302 and 341: First Settlement Day following the Delivery Period.		
	For Products 321, 322 and 331: Last Settlement Day in the Delivery Period.		
Settlement Price	The arithmetic average of the Spot Prices for the relevant Underlying Product over the number of Index Days in the Delivery Period.		
Lot size	Trayport	Clearing	
	For Products 301, 302, 321, 322, 331: Month: 1 lot = 1,000 mt Quarter: 1 lot = 3,000 mt Year: 1 lot = 12,000 mt	For Products 301, 302, 321, 322, 331: Month: 1 lot = 1,000 mt	
	For Product 341: Month: 1 lot = 1,000 bbl Quarter: 1 lot = 3,000 bbl Year: 1 lot = 12,000 bbl	For Product 341: Month: 1 lot = 1,000 bbl	
Minimum lots per contract	Trayport 0.001 lot in all Products	Clearing 0.001 lot in all Products	
Product structure	Trayport	Clearing	
	Months: 6 consecutive months starting	Monthly contracts covering the Product structure on	

with the current month. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day.

Trayport

Quarters: 6 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.

Year: 2 year Products available. A new year Product commencing in the next full calendar year is introduced once the current year is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.

Last trading day

Trayport

Clearing

Month: Last Trading Day is the 20th of the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to the 20th.

Last day of the Delivery period for the relevant Monthly Product

Quarter: Last Trading Day is the last Trading Day of the first month of the quarter.

Year: Last Trading Day is the last Trading Day of the first month of the year.

NON-LISTED PRODUCT

IMAREX TANKER ASIAN FREIGHT OPTIONS

PRODUCT SPECIFICATION - SUMMARY

Product	IMAREX Asian Freight Options (IFO) are applicable for trading through IMAREX Market Place Service and clearing through NOS:	
Option type	Call Option and Put Option	
Underlying	Index	Index Provider
	101: TD 7, Aframax, North Sea - Continent, 80,000 mt	Baltic Exchange
	103: TD 5, Suezmax, West Africa - USAC, 130,000 mt	Baltic Exchange
	104: TD 3, VLCC, AG – East, 260,000 mt	Baltic Exchange
	108: TD17, Aframax, Baltic Sea – Continent, 100,000mt	Baltic Exchange
	109: TD11, Aframax, Cross – Med, 80,000mt	Baltic Exchange
	151: TC 4, MR, Singapore - Japan, 30,000 mt	Platts
	152: TC 2, MR, Continent – USAC, 33,000 mt	Baltic Exchange
	154: TC 5, LR 1, AG – Japan, 55,000 mt	Platts
	155: TC 6, MR, Algeria – Euromed, 30,000 mt.	Baltic Exchange
Flat Rates	As published by the Worldscale Association (London) Limited and the Worldscale Association (NY) Inc.	
Lot size	1 lot = 1,000 mt	
Price quotation	The Contract Price expressed in Worldscale points and shall be calculated as provided for below.	
Minimum Price fluctuation	0.25 World Scale point	
Premium Value	$\#Lots \times Lot\ size \times Worldscale\ Flatrate \times (Contract\ Price/100)$ (The Worldscale Flatrate applicable for each Index Day in the Delivery Period)	
Premium Settlement Day	Trading Day for the Option Contract.	
Option Exercise	Automatic Exercise on the Final Settlement Day.	
Delivery Period	Month: First Index Day of the month to last Index Day of the month. Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts. Year: First Index Day of the Year to last Index Day of the Year A Year Contract is split into equally into 12 Month Contracts on the Trading day and settled as Month Contracts.	
Product structure	The Product structure for Tanker Options follows the same Product Structure as for Tanker Futures in Annex 5A.	

Last day for reporting for clearing	Last day of the Delivery period for the relevant Product
Settlement price	The arithmetic average of the Spot Prices for the relevant Underlying Product over the number of Index Days in the Delivery Period.
Exercise Settlement	<p>The Seller of a Call Option shall pay the Buyer the positive difference calculated as the Settlement Price less the Exercise Price while the Seller of a Put Option shall pay the Buyer the positive difference calculated as the Exercise Price less the Settlement Price.</p> <p>All Option Contracts expire on the Final Settlement Day.</p>
Settlement day of Exercise Settlement	Payable by Seller to Buyer on the Final Settlement Day.
Automatic Exercise	Option Contracts are subject to Automatic Exercise by NOS on the Final Settlement Day.
Minimum lots per contract	0.01 lot in all Products
Forced Termination	NOS may call for Forced Termination when provided for in the Rulebook.
Forced Termination Premium	<p>Premium Settlement following Forced Termination calculated as follows:</p> <p>$\#Lots \times Lot\ size \times Worldscale\ Flatrate \times (Contract\ Price/100)$</p> <p>The Contract Price will be set by NOS using the Black 76 formula adjusted with reference to the Turnbull and Wakeman Approximation.</p> <p>The basis for the calculation will be:</p> <ul style="list-style-type: none"> • Market prices of Futures Contracts for the underlying Delivery Period as set by NOS at the time of the Forced Termination, adjusted up or down by 50% of the NOS risk interval to the disadvantage of the Defaulting Member. In the event that the market price of multiple Futures Contracts with the same underlying and the same delivery period is subject to adjustment, the market price of all such adjusted Futures Contracts shall be adjusted in the same direction, i.e. either up or down. • Implied volatility as used in calculation of Closing Price for the Option Contract the preceding Trading Day, adjusted up or down by 30% to the disadvantage of the Defaulting Member. In the event that the implied volatility of multiple Option Contracts with the same underlying and the same delivery period is subject to adjustment, the implied volatility of all such adjusted Option Contracts shall be adjusted in the same direction, i.e. either up or down. <p>The NOS risk interval is the price change interval used by NOS in calculation of margin requirements from time to time.</p>

NON-LISTED PRODUCT

DRY BULK – INDEX - OPTIONS

PRODUCT SPECIFICATION - SUMMARY

Product	BDI Options are applicable for trading through IMAREX Market Place Service and clearing through NOS:	
Option type	Call Option and Put Option	
Underlying	Index 800: BDI Baltic Dry Index – BDI	Index Provider Baltic Exchange
Lot size	1 lot = 1	
Price quotation	The Contract Price is expressed in USD and shall be calculated as provided for below.	
Minimum Price fluctuation	USD 10	
Premium Value	#Lots × Lot size × Contract Price	
Premium Settlement Day	Trading Day for the Option Contract.	
Option Exercise	Automatic Exercise on the Final Settlement Day.	
Delivery Period	<p>Month: First Index Day of the Month to last Index Day of the Month.</p> <p>Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts.</p> <p>Year: First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading day and settled as Month Contracts.</p>	
Product structure	The Product structure for Dry Bulk Index Options follows the same Product Structure as for Dry Bulk Index Futures in Annex 5B.	
Last day for reporting for clearing	Last day of the Delivery period for the relevant Product	
Settlement price	The arithmetic average of all Spot Prices for all Index Days in month.	
Exercise Settlement	<p>The Seller of a Call Option shall pay the Buyer the positive difference calculated as the Settlement Price less the Exercise Price while the Seller of a Put Option shall pay the Buyer the positive difference calculated as the Exercise Price less the Settlement Price.</p> <p>All Option Contracts expire on the Final Settlement Day.</p>	

Settlement day of Exercise Settlement	Payable by Seller to Buyer on the Final Settlement Day.
Automatic Exercise	Option Contracts are subject to Automatic Exercise by NOS on the Final Settlement Day.
Minimum lots per contract	0.01 lot in all Products
Forced Termination	NOS may call for Forced Termination when provided for in the Rulebook.
Forced Termination Premium	<p>Premium Settlement following Forced Termination calculated as follows:</p> <p>$\#Lots \times Lot\ size \times Price$</p> <p>The Price will be set by NOS using the Black 76 formula adjusted with reference to the Turnbull and Wakeman Approximation.</p> <p>The basis for the calculation will be:</p> <ul style="list-style-type: none"> • Market prices of Futures Contracts for the underlying Delivery Period as set by NOS at the time of the Forced Termination, adjusted up or down by 50% of the NOS risk interval to the disadvantage of the Defaulting Member. In the event that the market price of multiple Futures Contracts with the same underlying and the same delivery period is subject to adjustment, the market price of all such adjusted Futures Contracts shall be adjusted in the same direction, i.e. either up or down. • Implied volatility as used in calculation of Closing Price for the Option Contract the preceding Trading Day, adjusted up or down by 30% to the disadvantage of the Defaulting Member. In the event that the implied volatility of multiple Option Contracts with the same underlying and the same delivery period is subject to adjustment, the implied volatility of all such adjusted Option Contracts shall be adjusted in the same direction, i.e. either up or down.

The NOS risk interval is the price change interval used by NOS in calculation of margin requirements from time to time.

NON-LISTED PRODUCT

IMAREX DRY BULK ASIAN FREIGHT OPTIONS

PRODUCT SPECIFICATION - SUMMARY

Product	IMAREX Asian Freight Options (IFO) are applicable for trading through IMAREX Market Place Service and clearing through NOS:	
Option type	Call Option and Put Option	
Underlying	Index	Index Provider
	220: CS 4 TC, Capesize, T/C Average	Baltic Exchange
	250: PM 4 TC, Panamax, T/C Average	Baltic Exchange
	270: HS 6 TC, Handysize, T/C Average	Baltic Exchange
	290 : SM6TC, Supramax, T/C Average	Baltic Exchange
	213 : C4 AVG, Capesize, Richards Bay – Rotterdam	Baltic Exchange
	241 : P2A, Panamax, T/C Skaw Gibraltar-Far East	Baltic Exchange
	242 : P3A, Panamax, T/C S.Korea –Japan Pacific RV	Baltic Exchange
	243 : S7, Supramax, East coast India – China	Baltic Exchange
	244 : P1A, Panamax, T/C Transatlantic RV	Baltic Exchange
Lot size	220,250,290,241-244: 1 Lot = 1 Day 213: 1 Lot = 1,000 mt	
Price quotation	220,250,290 241-244: The Contract Price is expressed in USD/day and shall be calculated as provided for below. 213: The Contract Price is expressed in USD/mt and shall be calculated as provided for below.	
Minimum Price fluctuation	220,250,290,241-244: 25 USD/day 213: 0,05 USD/mt	
Premium Value	#Lots × Lot size × Contract Price	
Premium Settlement Day	Trading Day for the Option Contract.	
Option Exercise	Automatic Exercise on the Final Settlement Day.	
Delivery Period	<u>For Products (220,250,270,290):</u> Month: First Index Day of the Month to last Index Day of the Month. Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts. If the traded volume in the Quarter Contract equals the total or half the number of days or in the actual quarter, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Quarter. Half Year: First Index Day of the Half Year to last Index Day of the Half Year. A Half Year Contract will be split equally into 6 Month Contracts on the Trading Day and settled as Month Contracts. If the traded volume in the Half Year Contract equals the total or half number of days in the actual Half Year, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Half Year. Year: First Index Day of the Year to last Index Day of the Year. A Year Contract	

will be split equally into 12 Month Contracts on the Trading day and settled as Month Contracts. If the traded volume in the Year Contract equals the total or half number of days in the actual Year, the Contract will be split into Month Contracts with a weighted number of calendar days in the month divided by the total number of calendar days in the Year.

If the splitting of a Quarter, Half Year or Year Contract according to the method above would result in positions with more than two decimals, the rest position is dispersed in 0.01 lots on the Month Contracts, starting with the last Month Contract according to Delivery Period and working backwards.

For product (213,243):

Month: First Index Days of month to last Index Day of month

Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contract.

Year: First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading Day and settled as Month Contracts.

For products (241,242, 244):

Month: Last 7 Index Days in the month

Quarter: A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contract.

Product structure

The Product structure for Dry Bulk Options follows the same Product Structure as for Dry Bulk Futures in Annex 5C and 5D.

Last day for reporting for clearing	Last day of the Delivery period for the relevant Product
Settlement price	The arithmetic average of all Spot Prices for all Index Days in month.
Exercise Settlement	<p>The Seller of a Call Option shall pay the Buyer the positive difference calculated as the Settlement Price less the Exercise Price while the Seller of a Put Option shall pay the Buyer the positive difference calculated as the Exercise Price less the Settlement Price.</p> <p>All Option Contracts expire on the Final Settlement Day.</p>
Settlement day of Exercise Settlement	Payable by Seller to Buyer on the Final Settlement Day.
Automatic Exercise	Option Contracts are subject to Automatic Exercise by NOS on the Final Settlement Day.
Minimum lots per contract	0.01 lot in all Products
Forced Termination	NOS may call for Forced Termination when provided for in the Rulebook.
Forced Termination Premium	<p>Premium Settlement following Forced Termination calculated as follows:</p> <p>#Lots × Lot size × Contract Price</p> <p>The Contract Price will be set by NOS using the Black 76 formula adjusted with reference to the Turnbull and Wakeman Approximation.</p> <p>The basis for the calculation will be:</p> <ul style="list-style-type: none"> • Market prices of Futures Contracts for the underlying Delivery Period as set by NOS at the time of the Forced Termination, adjusted up or down by 50% of the NOS risk interval to the disadvantage of the Defaulting Member. In the event that the market price of multiple Futures Contracts with the same underlying and the same delivery period is subject to adjustment, the market price of all such adjusted Futures Contracts shall be adjusted in the same direction, i.e. either up or down. • Implied volatility as used in calculation of Closing Price for the Option Contract the preceding Trading Day, adjusted up or down by 30% to the disadvantage of the Defaulting Member. In the event that the implied volatility of multiple Option Contracts with the same underlying and the same delivery period is subject to adjustment, the implied volatility of all such adjusted Option Contracts shall be adjusted in the same direction, i.e. either up or down. <p>The NOS risk interval is the price change interval used by NOS in calculation of margin requirements from time to time.</p>

POWER PRODUCT
PRODUCT SPECIFICATION
SUMMARY

Product	Listed power futures Cleared at NOS:	Index Provider	Closing Provider
Underlying	501: NSPB, Nordic System Price Base Load	Nord Pool Spot	NOS
	502: NSPP, Nordic System Price Peak Load	Nord Pool Spot	NOS
	503: PHEB, Phelix® Base Load	EEX	NOS
	504: PHEP, Phelix® Peak Load	EEX	NOS
Ticker	Base Load Products:		
	Nordic System: NSPB 'Period''Year', i.e. NSPB CAL09, NSPB Q109		
	STOPB 'Period' 'Year' i.e. STOPB CAL09, STOPB Q1		
	Phelix®: PHEB 'Period''Year', i.e. PHEB CAL09, PHEB Q109		
	Peak Load Products		
	Nordic System: NSPP 'Period''Year', i.e. NSPP CAL09, NSPP Q109		
STOPP 'Period' 'Year' i.e. STOPP CAL09, STOPP Q1			
Phelix®: PHEP 'Period''Year', i.e. PHEP CAL09, PHEP Q109			
Lot size	1 lot = 1 MW		
Price quotation	EUR/MWh		
Minimum price fluctuation	0.01 EUR/MWh		
Contract value	#Lots × Lot size × Hours × Contract Price		
Delivery Period	Week Products: First Index Day of Week to last Index Day of Week for the relevant Underlying.		
	Month Products: First Index Day of month to last Index Day of month for the relevant Underlying.		

Product structure		ETS	Clearing
	Week Products:	6 consecutive weeks starting with coming week. A new week Product is introduced once the first current week is no longer available for trading. Please refer to "Last Trading Day" for details of last trading day. No spread contracts on weeks.	Week Products and Month Products covering the Product structure on the ETS.
	Month Products:	6 consecutive Month Products starting with coming month. A new Month Product is introduced once the first current month is no longer available for trading. Please refer to "Last Trading Day" for details of last trading day.	
	Quarter Products:	Up to 7 consecutive Quarter Products (current year + next year) starting with the coming quarter. Please refer to "Last Trading Day" for details on last trading day. The quantity (MW) in a Quarter Product will be split into 3 Month Products on the Trading Day and settled as Month Products.	
	Year Products:	5 Year Products available. A new Year Product is introduced once the first current traded year is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day. The quantity (MW) in a Year Product is split into 12 Month Products on the Trading Day and settled as Month Products.	
Last trading day	Week Products:	Last Trading Day is the day before the Delivery Period of the relevant Product	
	Month Products:	Last Trading Day is the day before the Delivery Period of the relevant Product	
	Quarter Products:	Last Trading day is the last day of the Delivery Period of the first month of the relevant Product.	
	Year Products:	Last Trading day is the last day of the Delivery Period of the first month of the relevant Product.	
Settlement Day	Mark-to-Market Settlement is settled on the first Settlement Day following the Trading Day [T+1].		
Final settlement day	Last settlement day in the Delivery Period.		
Settlement price	The arithmetic average of the Spot Prices (adjusted for daylight saving hours) for the relevant Underlying over the number of Index Days in the Delivery Period.		
	NOS will correct settlements due to corrections of an Index if such correction is published within one week after the last day of the Delivery Period.		
Minimum lots per contract	ETS	Clearing	
	1 lot in all Products	0.01 lot in all Products	

**NON-LISTED
POWER PRODUCT**

**PRODUCT SPECIFICATION
SUMMARY**

Product	Non-listed power futures Cleared at NOS:		
Underlying		Index Provider	Closing Price Provider
	505: STOPB, Stockholm Price Base Load	Nord Pool Spot	NOS
	506: STOPP, Stockholm Price Peak Load	Nord Pool Spot	NOS
Ticker	Base Load Products: Nordic System: STOPB 'Period' 'Year' i.e. STOPB CAL09, STOPB Q1		
	Peak Load Products Nordic System: STOPP 'Period' 'Year' i.e. STOPP CAL09, STOPP Q1		
Lot size	1 lot = 1 MW		
Price quotation	EUR/MWh		
Minimum price fluctuation	0.01 EUR/MWh		
Contract value	#Lots × Lot size × Hours × Contract Price		
Delivery Period	Week Products: First Index Day of Week to last Index Day of Week for the relevant Underlying.		
	Month Products: First Index Day of month to last Index Day of month for the relevant Underlying.		
Product structure	Monthly contracts covering the product structure for Listed Power products		
Last trading day	Clearing Last day of the Delivery Period for the relevant product		
Settlement Day	Mark-to-Market Settlement is settled on the first Settlement Day following the Trading Day [T+1].		
Final settlement day	Last settlement day in the Delivery Period.		
Settlement price	The arithmetic average of the Spot Prices (adjusted for daylight saving hours) for the relevant Underlying over the number of Index Days in the Delivery Period.		
	NOS will correct settlements due to corrections of an Index if such correction is published within one week after the last day of the Delivery Period.		
Minimum lots per contract	0.01 lot in all Products		

**NON- LISTED
POWER OPTION PRODUCTS**

**PRODUCT SPECIFICATION
SUMMARY**

Product	Non-Listed Product: European-style power option with Option Delivery Settlement
Underlying Product	501: NSPB, Nordic System Price Base Load, Underlying future Product. 505: STOB, Stockholm Price Base Load, Underlying future Product
Ticker	<u>Nordic System Price Base Load:</u> NSPB 'Period''Year''Product''C/P''Exercise Price', i.e. NSPB CAL09 EC30, NSPB Q109 EP35 STOB CAL09 EC30, STOB Q109 EP35
Lot size	1 lot = 1 MW
Price quotation	The Contract Price is quoted in EUR/MWh
Minimum price fluctuation	0.01 EUR/MWh
Premium value	#Lots × Lot size × Hours × Contract Price
Premium Settlement day	The premium is settled on the first Settlement Day following the Trading Day [T+1]
Option Exercise Settlement	Option Delivery Settlement. Note that the delivery of the underlying future is automatically split according to the rules described for trading future products.
Exercise	Manual Option Exercise on the Option Expiry Day as further specified in the Clearing Cycle.
Option Expiry Day	Option expiry is normally the 3 rd Thursday in the month before start of the Delivery Period of the Underlying Product.
Product structure	<p>Quarter Products: Up to 7 consecutive Quarter Products (this year + next year) starting with the coming quarter. 4 new Quarter Products are introduced once the 4th quarter is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day.</p> <p>Year Products: 3 Year Products available. A new Year Product is introduced once the first current traded year is no longer available for trading. Please refer to "Last Trading Day" for details on last trading day.</p>
Last trading day	Last Trading Day is the last trading day before Option Expiry Day.
Minimum lots per contract	Clearing 0.01 lot in all Products

**NON-LISTED PRODUCT
UK GAS FUTURES**

**PRODUCT SPECIFICATION
SUMMARY**

Product	Gas futures products Cleared at NOS.	Index Provider	Closing Price Provider
Underlying	Heren NBP DA midpoint and Heren NBP Weekend midpoint	ICIS Heren	NOS
Ticker	<p>NBP DA-22-JAN10: NBP Day-ahead with start Delivery the 22nd January 2010 NBP WEND-23-JAN10: NBP Weekend with start delivery Saturday 23rd January 2010 NBP BOW-27-JAN10: NBP Balance of the week with start Delivery Wednesday 27th January 2010 NBP WDNW-25-JAN10: NBP Wording Days Next Week with start Delivery 25th January 2010 NBP BOM-27-JAN10: NBP Balance of the Month with start Delivery 27th January 2010 NBP JAN10: NBP Month contract for January 2010 NBP Q310: NBP quarter contract for Q3 2010 NBP S-10: NBP Summer Season for 2010 NBP W-10: NBP Winter season for 2010/2011</p>		
Lot size	<p>Lot= 1000 therms per actual day in the delivery period. 1 Therm = 100 000 British Thermal Units = 29.3071 KWh</p>		
Price quotation	Pence / therm		
Minimum price fluctuation	0.001 pence/therm		
Contract value	#Lots × Lot size x days in the Delivery Period x price		
Delivery Period	<p>Day-ahead: The first trading day following the trade date. The contract is not accepted for clearing after 17:25 CET</p> <p>Weekend: The first Saturday and Sunday following the trade date. If there is a UK public holiday on a Monday or a Friday, these extra days will also be included in the Weekend.</p> <p>BOW: Balance of the week (BOW) date to last trading day of the week</p> <p>WDNW: Working Days Next Week. First trading day of the coming week to last trading day of the coming week.</p> <p>BOM: Balance of Month (BOM) date to last Calendar Day of the month.</p> <p>Month: First Calendar Day of the month to last Calendar Day of the month.</p> <p>Quarter: A Quarter Contract will be strips of 3 Month Contracts on the trading day and settled as Month Contracts</p> <p>Season: A season Contract will be strips of 6 Month Contracts on the trading day and settled as Month Contracts Summer season start 1st of April and end 30:th September Winter season start 1st of October and end 31:th March</p>		
Final Settlement Day	Last day of the Delivery Period		
Settlement Price	<p>The arithmetic average of the Heren NBP DA midpoint and the Heren NBP Weekend midpoint for each Delivery Period, *(See below for precise Settlement Price definition.)</p>		
Minimum lots per contract	Trading: 5 lots in all Products	Clearing: 0.01 lot in all Products	

Product structure

- Day-ahead: 1 Day ahead contract available for trading at any time. A new contract is introduced every applicable trading day
- Weekend: 1 Weekend contract is available for trading at any time. A new Weekend contract is introduced the first trading day in the current week
- BOW: 1 BOW contract available for trading at the time. A new BOW contract is introduced every trading day in the current week except the two last trading days of the week.
- WDNW: 1 WDNW contract available for trading at any time. A new contract is introduced every first trading day in the week prior to the Delivery Period.
- BOM: 1 BOM contract available for trading at any time except the last trading day of the month. A new BOM contract is introduced every applicable trading day in the current moth.
- Month: 7 consecutive months. A new month Product is introduced once the current month is no longer available for trading. Current month can effectively be traded until the last day of the month.
- Quarter: 4 consecutive quarters. A new quarter Product is introduced once the current quarter is no longer available for trading.
- Season: 6 consecutive seasons. A new season Product is introduced once the current season is no longer available for trading

Last day of Trading and Clearing :

Trading:

Clearing:

- Day-ahead: Last day of trading is the last trading day prior to start of the Delivery Period. Last day of the Delivery Period for the relevant Product, except for the WDNW and BOM contracts where the last day of Clearing equals the Last day of Trading.
- Weekend: Last day of trading is the last trading day prior to start of the Delivery Period.
- BOW:_ Last day of trading is the last trading day prior to start of the Delivery Period.
- WDNW: Last day of Trading is the last trading day prior to start of the Delivery Period
- BOM: Last day of Trading day is two trading days prior to start of the Delivery Period, except when delivery starts the first day after a week-end or connected holiday where it is the previous trading day (i.e. a Monday contract is traded on Friday).
- Month: Last day of Trading is the last day of the

Delivery Period for the relevant Product. If this date is a non-trading day, the Last day of Trading is defined as the nearest Trading Day prior to this.

Quarter: Last Trading Day is the day prior to the Delivery Period of the relevant Product. If this date is a non-trading day, the Last day of Trading is defined as the nearest Trading Day prior to this

Season: Last Trading Day is the day before the Delivery Period of the relevant Product. If this date is a non-trading day, the Last day of Trading is defined as the nearest Trading Day prior to this

***) Settlement Price definition**

"Heren Price" shall be the midpoint of the 'Bid' and 'Offer' prices under the heading "ESGM Price Assessment" as reported for the Date in "The Heren Report European Spot Gas Markets" When the calendar day is a UK Business Day, the Heren Price will be based on the midpoint of the prior UK Business Day's 'Bid' and 'Offer' prices under the heading "ESGM price assessment (subheading "NBP Day Ahead") as reported in the "Heren Report European Spot Gas Markets". When the calendar day is not a UK Business Day, the Heren Price will be based on the midpoint of the daily 'Bid' and 'Offer' prices under the heading "ESGM price assessment (subheading "NBP Weekend") as reported in the "Heren Report European Spot Gas Markets" and published on the closest previous UK Business Day

**NON-LISTED
UK GAS OPTIONS**

**PRODUCT SPECIFICATION
SUMMARY**

Product	European-style gas options with Option Delivery Settlement (delivery of underlying future)		
Option Type	Call Option and Put Option		
Underlying Product	NOS cleared futures based on the Heren NBP DA midpoint and Heren NBP Weekend midpoint	Index Provider ICIS Heren	Closing Price Provider NOS
Ticker	NBP 'Period''Year''E(uropean)''C(all)/P(ut)''Exercise Price', e.g. NBP Q309 EC30		
Exercise Price	Upon request (i.e. no predefined strikes)		
Lot size	1 Lot= 1000 therms per actual day in the delivery period. 1 Therm = 100 000 British Thermal Units = 29.3071 KWh		
Price quotation	The Contract Price is quoted in pence/therm		
Minimum price fluctuation	0.001 pence/therm		
Premium value	#Lots × Lot size × days in the Delivery Period × Contract Price		
Premium Settlement day	Trading Day for the Option Contract		
Option Delivery Settlement	Delivery of the underlying future. Note that the delivery of the underlying future is automatically split according to the rules described for trading future products.		
Exercise	Manual Exercise on the Option Expiry Day as further specified in the Clearing Cycle.		
Option Expiry Day	Option expiry is normally the 5th to last day in the month before start of the Delivery Period of the Underlying Product. If that falls on a weekend or bank holiday it goes to the previous Trading Day.		
Delivery Period	Month:	First Index Day of the Month to the last Index Day of the Month.	
	Quarter:	First Index Day of the Quarter to the last Index Day of the Quarter. The Quarter will NOT be split into monthly contracts.	
	Season:	First Index Day of the Season to the last Index Day of the Season. The Season will NOT be split into monthly contracts.	
Product structure	Month:	Monthly contracts covering the full Product Structure for the underlying Months, Quarters and Seasons listed in Annex 5L.	
	Quarter:	The Product Structure for Quarters follows the Product Structure for the underlying Quarters listed in Annex 5L	
	Season:	The Product Structure for Seasons follows the Product Structure for the underlying Seasons listed in Annex 5L	

Last trading day	Last Trading Day is the last trading day before Option Expiry Day.
Minimum lots per contract	0.01 lot in all Products
Forced Termination	This Contract may be subject to Forced Termination.
Forced Termination Premium	<p>Premium Settlement following Forced Termination calculated as follows:</p> $\#Lots \times Lot\ size \times Days \times Contract\ Price$ <p>Contract Prices will be set by NOS using the Black 76.</p> <p>The basis for the calculation will be:</p> <ul style="list-style-type: none"> • Market prices of Futures Contracts for the underlying Delivery Period as set by NOS at the time of the Forced Termination, adjusted up or down by 50% of the NOS risk interval to the disadvantage of the Defaulting Member. In the event that the market price of multiple Futures Contracts with the same underlying and the same delivery period is subject to adjustment, the market price of all such adjusted Futures Contracts shall be adjusted in the same direction, i.e. either up or down. • Implied volatility as used in calculation of Closing Price for the Option Contract the preceding Trading Day, adjusted up or down by 30% to the disadvantage of the Defaulting Member. In the event that the implied volatility of multiple Option Contracts with the same underlying and the same delivery period is subject to adjustment, the implied volatility of all such adjusted Option Contracts shall be adjusted in the same direction, i.e. either up or down. <p>The NOS risk interval is the price change interval used by NOS in calculation of margin requirements from time to time.</p>

SEAFOOD PRODUCT

**PRODUCT SPECIFICATION
SUMMARY**

Product	Listed seafood futures products traded on Fish Pool:	Index
Underlying	Superior, gutted, fresh salmon, iced and packed in boxes and delivered FCA Oslo	FPI
Lot size	1 lot = 1,000 kg	
Price quotation	NOK/kg	
Minimum price fluctuation	0.01 NOK/kg	
Contract value	#Lots × Lot size × Price	
Delivery Period	<p>Month: First Index Day of the month to last Index Day of the month. 4 or 5 weeks in the relevant month as defined by Fish Pool in Appendix 1 (Product Specification) to the Fish Pool Rulebook.</p> <p>Quarter: First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contracts.</p> <p>Year: First Index Day of the Year to last Index Day of the Year A Year Contract is split into equally into 12 Month Contracts on the Trading day and settled as Month Contracts.</p>	
Product structure	<p>Months: 4 consecutive months starting with the current month. A new month Product is introduced once the current month is no longer available for trading. Please refer to "Last Trading Day" for details of Last Trading Day.</p> <p>Quarters: 4 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.</p> <p>Year: 2 year Products available. A new year Product commencing in the next full calendar year is introduced once the current year is no longer available for trading. Please refer to "Last Trading Day" for details on Last Trading Day.</p>	
Last trading day	<p>Month: Last Trading Day is the last Friday of the month in question. If this date is not a Trading Day, the Last Trading Day is defined as the nearest Trading Day prior to the Friday.</p> <p>Quarter: Last Trading Day is the last Trading Day of the first month of the quarter.</p> <p>Year: Last Trading Day is the last Trading Day of the first month of the year.</p>	
Settlement Day	Mark-to-Market Settlement is settled on the first Settlement Day following the Trading Day [T+1]	
Final Settlement Day	The second Friday after the Delivery Period. If this date is not a Settlement Day, the Final Settlement Day is defined as the nearest Settlement Day prior to the second Friday.	
Settlement Price	The arithmetic average of the Spot Prices for the relevant Underlying over the number of	

NOS Clearing*

Index Days in the Delivery Period.

NOS will correct settlements due to a correction of an Index if such correction is published within the time limit set out in Appendix 2 (Fish Pool Index) to the Fish Pool Rulebook.

Minimum lots per contract

0.1 lot in all Products

Non-listed Products

NOS may accept Contracts with deviating Delivery Periods or Product structure. All other terms will apply.

**NON-LISTED
SEAFOOD OPTIONS**

**PRODUCT SPECIFICATION
SUMMARY**

Product	Non-listed seafood Asian options traded on Fish Pool and cleared at NOS:	
Option type	Call Option and Put Option	
Underlying	Superior, gutted, fresh salmon, iced and packed in boxes and delivered FCA Oslo	Index FPI
Lot size	1 lot = 1,000 kg	
Price quotation	The Premium is expressed in NOK/kg and shall be calculated as provided for below.	
Minimum Price/Exercise Price fluctuation	0.01 NOK/kg	
Premium Value	#Lots × Lot size × Premium	
Premium Settlement Day	The premium is settled on the first Settlement Day following the Trading Day [T+1].	
Final Settlement Day	The second Friday after the Delivery Period. If this date is not a Settlement Day, the Final Settlement Day is defined as the nearest Settlement Day prior to the second Friday.	
Option Exercise	Automatic Exercise on the Final Settlement Day.	
Delivery Period	Month: 4 or 5 weeks in the relevant month as defined by Fish Pool in Appendix 4 (Trading Schedule) to the Fish Pool Rulebook.	
Product structure	Monthly contracts covering the same period as the futures contracts with the same Underlying Product.	
Last trading day	Last Trading Day is the last Friday of the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to the Friday.	
Settlement Price	<p>The arithmetic average of the Spot Prices for the relevant Underlying over the number of Index Days in the Delivery Period.</p> <p>Month Products: The arithmetic average of all Spot Prices for all Index Days in month.</p> <p>NOS will correct settlements due to a correction of an Index if such correction is published within the time limit set out in Appendix 2 (Fish Pool Index) to the Fish Pool Rulebook.</p>	
Exercise Settlement	<p>The Seller of a Call Option shall pay the Buyer the positive difference calculated as the Settlement Price less the Exercise Price while the Seller of a Put Option shall pay the Buyer the positive difference calculated as the Exercise Price less the Settlement Price.</p> <p>All Option Contracts expire on the Final Settlement Day.</p>	
Settlement day of Exercise Settlement	Payable by Seller to Buyer on the first Settlement Day following the Final Settlement Day [T+1].	

Automatic Exercise	Option Contracts are subject to Automatic Exercise by NOS on the Final Settlement Day.
Minimum lots per contract	0.1 lot in all Products
Forced Termination	NOS may call for Forced Termination when provided for in the Rulebook.
Forced Termination Premium	<p>Premium Settlement following Forced Termination calculated as follows:</p> <p>#Lots × Lot size × Premium</p> <p>The Premium will be set by NOS using the Black 76 formula adjusted with reference to the Turnbull and Wakeman Approximation.</p> <p>The basis for the calculation will be:</p> <ul style="list-style-type: none"> • Market prices of Futures Contracts for the underlying Delivery Period as set by NOS at the time of the Forced Termination, adjusted up or down by 50% of the NOS risk interval to the disadvantage of the Defaulting Member. In the event that the market price of multiple Futures Contracts with the same underlying and the same delivery period is subject to adjustment, the market price of all such adjusted Futures Contracts shall be adjusted in the same direction, i.e. either up or down. • Implied volatility as used in calculation of Closing Price for the Option Contract the preceding Trading Day, adjusted up or down by 30% to the disadvantage of the Defaulting Member. In the event that the implied volatility of multiple Option Contracts with the same underlying and the same delivery period is subject to adjustment, the implied volatility of all such adjusted Option Contracts shall be adjusted in the same direction, i.e. either up or down. <p>The NOS risk interval is the price change interval used by NOS in calculation of margin requirements from time to time.</p>

NON-LISTED PRODUCT

SWEDISH ELECTRICITY CERTIFICATE (EL-CERT)

**PRODUCT SPECIFICATION
SUMMARY**

Product	Non-Listed El-certificate Forward with physical delivery of the underlying	Spot Price Provider	Closing Price Provider
Underlying	Swedish Electricity Certificate	NOS	NOS
Price quotation	SEK/El-cert		
Minimum price fluctuation	0.01 SEK/El-cert		
Lot size	1 Lot = 1 El-cert		
Contract value	#El-cert × Price x Lot size		
Product structure	Day (spot): All Trading Days. Month: 3 consecutive March contracts. A new month Product is introduced once the current month is no longer available for trading.		
Forward Expiry Day	Day (spot): Same day as trading Month: 18 th of relevant Month. If the day is not a Trading Day, the Forward Expiry Day is defined as the nearest Trading Day prior to this.		
Settlement and Delivery Day	The third Trading Day after Forward Expiry Day (T+3).		
Settlement Price	Contract Price		
Minimum Lots per Contract	1 Lot		
Last day of Trading	Forward Expiry Day		

**NON-LISTED PRODUCT
IRON ORE FUTURES**

**PRODUCT SPECIFICATION
SUMMARY**

Product	Iron Ore futures products cleared at NOS Clearing		
Underlying	Index	Index Provider	Closing Price Provider
	601: CHN62FE , CFR China, 62% Fe Fines – Delivered Chinese Port	The Steel Index (TSI)	SGX
Lot size	601: 1 lot = 1,000 dry metric ton		
Price quotation	601: USD/dmt		
Minimum price fluctuation	601: USD 0.01 per dry metric ton		
Contract value	#Lots × Lot size × Price		
Delivery Period	Month:	First Index Days of month to last Index Day of month	
	Quarter:	First Index Day of the Quarter to last Index Day of the Quarter. A Quarter Contract will be split equally into 3 Month Contracts on the Trading Day and settled as Month Contract.	
	Year:	First Index Day of the Year to last Index Day of the Year. A Year Contract will be split equally into 12 Month Contracts on the Trading Day and settled as Month Contracts.	
	If the splitting of a Quarter or Year Contract according to the method above would result in positions with more than two decimals, the rest position is dispersed in 0.01 lots on the Month Contracts, starting with the last Month Contract according to Delivery Period and working backwards.		
Final Settlement Day	Last index day of the Delivery Period		
Settlement Price	The arithmetic average of the Spot Prices for the relevant Underlying Product over the number of Index Days in the Delivery Period.		
Minimum lots per contract	0,01 lot in all Products		
Product structure	Months:	24 consecutive months starting with the current month. A new month Product is introduced once the current month is no longer available for trading.	
	Quarters:	4 consecutive quarters starting with the present quarter. A new quarter Product is introduced once the present quarter is no longer available for trading.	
	Year:	1 year Product is available. A new year Product commencing in the next full calendar year is introduced once the current year is no longer available for trading.	
Last Trading Day	Months:	The Last Trading Day is the last day of the month in question. If this date is a non-trading day, the Last Trading Day is defined as the nearest Trading Day prior to the last day of the month.	
	Quarters:	Last Trading Day is the Last Trading Day of the first month of the quarter.	
	Year:	Last Trading Day is the last trading day of the first month of the year.	