



NOREXECO Rulebook

Appendix 1

Product Specification and Trading Schedule

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General provisions

The terms of this Product Specification and Trading Schedule will apply to all Products listed at NOREXECO. In the event of any conflict between the Rulebook and the terms in this Appendix 1, the Rulebook shall prevail.

Common descriptions

1.1 Months, Quarters and Calendars

All Products are Listed and Traded as single Month, Quarter or Calendar Products. All Trades are Cleared as single Months.

A Trade in a Listed Product is only completed when all single Months of the Listed Product have been Cleared.

A Quarter Product consists of three single Month Products bundled together and is legally a Trade in each individual month only after all three Month Products have been Cleared:

Q1 – January, February and March

Q2 – April, May and June

Q3 – July, August and September

Q4 – October, November and December.

A Calendar Product consists of the months January through December of a calendar year bundled together and is legally a trade in each individual month of the calendar year only after all 12 Month Products have been Cleared.

1.2 Listing of Products

The Listing of Products consists of 6 single Month Products, 6 Quarter Products and 2 Calendar year Products, altogether maximum 36 months on the curve,

On the Last Index day in a month, the current Month Product will be de-listed and a new Month Product will be added to the far end of the curve on the next Trading Day.

On the Last Index day of the first month in a quarter, the Quarter Product for current quarter is de-listed and a new Quarter Product is added to the far end of the curve on the next Trading Day.

On the Last Index day of January, the Calendar Product for that year is de-listed, and a Calendar Product for year 'current+2' year is listed on the next Trading Day.

1.3 Contract Price

The Contract Price is for all months included in a traded Quarter or Calendar Product.

A Contract Price of X for a Quarter or Calendar Product means that the Contract price for the months included in the Quarter or Calendar year all have a Contract Price of X.

1.4 Contract Volume

The Contract Volume is the volume in Metric Ton (MT) per each month in the traded Quarter or Calendar Product.

A Contract volume of Y MT means that the volume of each month included in the Quarter or Calendar year all have a Contract volume of Y MT.

Minimum volume is 100 MT per month and volume tick size is 100 MT per month.

1.5 Notional value

The Notional value of a Trade is:

Contract Price * volume in MT per month * number of months in the Contract

1.6 Contracts based on weekly indices

The Fastmarkets FOEX PIX and the Fastmarkets RISI Indices are published on product specific Index Days within the month. See specification of publication-days and -times in the tables in this document. In general, if an Index Day is not a business day in the country of publication, then the next business day in the country becomes the Index Day.

Each month consist of 4 or 5 Index Days in accordance with number of Index Days in the month.

1.7 Variation Margin

All futures Products are subject to daily payment of Variation Margin.

1.8 Initial Margin

Positions in NOREXECO futures products are subject to Initial margin requirements according to the Clearing Rules.

Product Specifications

2.1 NOREXECO Pulp NBSK Europe Future

NBSK	NOREXECO Pulp NBSK Europe Future
Underlying Product	Fastmarkets FOEX PIX Northern Bleached Softwood Kraft (NBSK) Pulp, standard dryness 90 % air dry, standard strength characteristic, brightness 88 and standard ECF/TCF, Price reference: delivered, standard delivery and payment terms, denominated in USD. The index price is set before any customer specific rebates. Benchmark Administrator is Fastmarkets FOEX, Finland.
Codes	MiFID II Venue Product Code:NBSK_Europe / ECC product code: NFMN Ticker code prefix: NBSK / <undrlygCode>: NFMN
Monthly sequences	All products traded are legally monthly Products. See Common descriptions above.
Position Lot size	1 Lot equals 100 MT. (MiFID II value in relation to RTS 21 Position limits)
Minimum tradable volume	100 MT per month.
Volume tick size	100 MT per month.
Minimum Block size	500 MT per month.
Contract Volume	The Contract Volume is MT per month NBSK Pulp * number of months of the Contract.
Contract Price	In USD/MT with two decimal places.
Minimum price fluctuation (“tick size”)	The minimum price fluctuation is 1.00 USD/MT.
Trading Days	Norwegian trading calendar. Please see Attachment 1 to this Appendix.
Index Days	Tuesdays within the month. Index is released at 11:00 Finland time (CET + 1).
Last Trading Day	The Last Trading Day is the last Index Day of the month. If the last Index day of the month is not a Norwegian business day, the Last trading day is the Norwegian business day prior to the last Index day. Please see figure 1 in this Appendix.

Final Settlement	<p>Final settlement takes place on the first Settlement Day after the Last Trading Day (T+1).</p> <p>Final settlement is based on the monthly NOREXECO Final Settlement Index (NFSI) which will be published at 11.00 CET on the last trading day. NFSI is the arithmetic mean, two decimals rounded, of the weekly PIX Pulp NBSK indices included in the month. See Appendix 7 – Final Settlement and Daily Settlement Prices.</p>
Daily Settlement Prices	Daily Settlement Prices are calculated according to the Rulebook Appendix 7 – Final Settlement and Daily Settlement Prices.

2.2 NOREXECO Pulp BHKP Europe Futures

BHKP	NOREXECO Pulp BHKP Europe Futures
Underlying Product	<p>Fastmarkets FOEX PIX Bleached Hardwood Kraft Pulp (BHKP), standard dryness 90 % air dry, standard strength characteristic, brightness 88 and standard ECF/TCF, Price reference: delivered, standard delivery and payment terms, denominated in USD. The index price is set before any customer specific rebates.</p> <p>Benchmark Administrator is Fastmarkets FOEX, Finland.</p>
Codes	MiFID II Venue Product Code: BHKP_Europe / ECC product code: NFBM Ticker code prefix: BHKP / <undrlygCode>: NFBM
Monthly sequences	All products traded are legally monthly Products. See Common descriptions above.
Position Lot size	1 Lot equals 100 MT. (MiFID II value in relation to RTS 21 Position limits)
Minimum tradable volume	100 MT per month.
Volume tick size	100 MT per month.
Minimum Block size	500 MT per month.
Contract Volume	The Contract Volume is MT per month BHKP Pulp * number of months of the Contract.
Contract Price	In USD/MT with two decimal places.
Minimum price fluctuation (“tick size”)	The minimum price fluctuation is 1.00 USD/MT.

Trading Days	Norwegian trading calendar. Please see Attachment 1 to this Appendix.
Index Days	Tuesdays within the month. Index is released at 11:00 Finland time (CET + 1).
Last Trading Day	The Last Trading Day is the last Index Day of the month. If the last Index day of the month is not a Norwegian business day, the Last Trading day is the Norwegian business day prior to the last Index day. Please see figure 1 in this Appendix.
Final Settlement	Final settlement takes place on the first Settlement Day after the Last Trading Day (T+1). Final settlement is based on the monthly NOREXECO Final Settlement Index (NFSI) which will be published at 11.00 CET on the last trading day. NFSI is the arithmetic mean, two decimals rounded, of the weekly PIX Pulp BHKP indices included in the month. See Appendix 7 – Final Settlement and Daily Settlement Prices.
Daily Settlement Prices	Daily Settlement Prices are calculated according to the Rulebook Appendix 7 – Final Settlement and Daily Settlement Prices.

2.3 NOREXECO Recycled Paper OCC 1.04 Europe futures

OCC	NOREXECO Recycled Paper OCC Future
Underlying Product	Fastmarket FOEX PIX Old Corrugated Containers, Recycled Paper OCC, Grade – corrugated paper and board (CEN 1.04). Terms and definitions according to EN 643. Terms of delivery: d/d at buyers mill/warehouse in Europe denominated in EUR. Material sorted. Terms of payment: 30 days or other term of payment which is used in the majority of sales/purchases. Net transaction price. Price for recovered paper to be delivered still within the month of the sale/purchase and latest during the following month. Custom and other duties paid, excluding VAT. Benchmark Administrator is Fastmarkets FOEX, Finland.
Codes	MiFID II Venue Product Code: OCC104_Europe / ECC product code: NFOM Ticker code prefix: OCC / <undrlygCode>: NFOM
Monthly sequences	All products traded are legally monthly Products.
Position Lot size	1 Lot equals 100 MT. (MiFID II value in relation to RTS 21 Position limits)
Minimum tradable volume	100 MT per month.
Volume tick size	100 MT per month.

Minimum Block Trade size	500 MT per month.
Contract Volume	The Contract Volume is MT per month Recovered paper OCC * number of months of the Contract.
Contract Price	In EUR/MT with two decimal places.
Minimum Price Fluctuation (“tick size”)	The minimum price fluctuation is 1.00 EUR/MT.
Trading days	Norwegian trading calendar. Please see Attachment 1 to this Appendix.
Index Days	Tuesdays within the month. Index is released at 11:00 Finland time (CET + 1).
Last trading day	The Last Trading Day is the last Index Day of the month. If the last Index day of the month is not a Norwegian business day, the Last trading day is the Norwegian business day prior to the last Index day. Please see figure 1 in this Appendix.
Final Settlement	Final settlement takes place on the first Settlement Day after the Last trading day (T+1). Final settlement is based on the monthly NOREXECO Final Settlement Index (NFSI) which will be published at 11.00 CET on the Last trading day. NFSI is the arithmetic mean, two decimals rounded, of the weekly PIX Recovered paper OCC indices included in the month. See Appendix 7 – Final Settlement and Daily Settlement Prices.
Daily settlement prices	Daily Settlement prices are calculated according to the Rulebook Appendix 7 – Final Settlement and Daily Settlement Prices.

2.4 NOREXECO Shanghai Pulp Futures

NBSKSH	NOREXECO Shanghai Pulp Future
Underlying Product	The <u>Final Delivery Settlement Price</u> of the Bleached Softwood Kraft Pulp Futures Contract traded on the Shanghai Futures Exchange (SHFE), exclusive of VAT and converted to USD. The SHFE contract is based on Bleached Softwood Kraft Pulp physically delivered at designated China inland storage facilities. The NOREXECO contract is financially settled against the NOREXECO Shanghai Final Index (NSFI). Benchmark Administrator: when required, NOREXECO.
Codes	MiFID II Venue Product Code: NBSKSH / ECC product code: NFSM Ticker code prefix: NBSKSH / <undrlygCode>: NBSKSH

Monthly sequences	All products traded are legally monthly Products.
Position Lot size	1 Lot equals 100 MT. (MiFID II value in relation to RTS 21 Position limits)
Minimum tradable volume	100 MT per month.
Volume tick size	100 MT per month.
Minimum Block Trade size	500 MT per month.
Contract Volume	The Contract Volume is number of MT in each month of the Contract * number of months in the Contract.
Contract Price	In USD/MT with two decimal places.
Minimum Price Fluctuation (“tick size”)	The minimum price fluctuation is 1.00 USD/MT.
Trading days	Norwegian trading calendar.
Index Day	The Index Day is the Last Trading Day of the contract at SHFE, China.
Last Trading day	The Last Trading Day is the day when SHFE publishes the SHFE Final Delivery Settlement Price. This is in general on the 15 th day of the month, but subject to weekends and movable Chinese holidays. If the 15 th day is not a SHFE business day, the publication day is moved to the next SHFE business day. If the publishing day is not a NOREXECO business day, the Last Trading day is moved to the next NOREXECO business day.
Trading hours	From 13:00 CET to 17:00 CET. (UTC+1 winter, UTC+2 summer) equals 20:00 CST to 24:00 CST winter and 19:00 CST to 23:00 CST summer (CST is UTC+8 all year)
Final Settlement	Final settlement takes place on the first Settlement Day after the Last trading day (T+1). Final settlement is based on the SHFE Final Delivery Settlement Price that is published in RMB/MT on the expiration day. NOREXECO deducts the prevailing VAT and converts to USD/MT by using the European Central Bank’s official exchange rates for RMB/EUR and USD/EUR on the expiration day to calculate the NOREXECO Shanghai Final Index (NSFI) in USD/MT, rounded with two decimals. The NSFI will be published by 17:00 CET on the Last Trading day. See Appendix 7 – Final Settlement and Daily Settlement Prices.
Daily settlement prices	Daily Settlement prices are calculated according to the Rulebook Appendix 7 – Final Settlement and Daily Settlement Prices.

Attachment 1: Trading days

NOREXECO follows the Norwegian holiday schedule.

In general, the following dates and days are included in the Norwegian holiday schedule:

January 1st

Maundy Thursday

Good Friday

Easter Monday

May 1st and 17th

Ascension Day

Whit Monday

December 24th, 25th, 26th and 31st

The updated trading calendar will be available at all times at the NOREXECO webpage, www.norexeco.com.

Attachment 2: Schedule for Listed Products 2020, 2021, 2022 and 2023

The updated schedule of Listed Products will be available at all times at the NOREXECO webpage, www.norexeco.com.

Last trading day - PIX BHKP, NBSK and Recycled European contracts				
Month	2020	2021	2022	2023
01	28.01.2020	26.01.2021	25.01.2022	31.01.2023
02	25.02.2020	23.02.2021	22.02.2022	28.02.2023
03	31.03.2020	30.03.2021	29.03.2022	28.03.2023
04	28.04.2020	27.04.2021	26.04.2022	25.04.2023
05	26.05.2020	25.05.2021	31.05.2022	30.05.2023
06	30.06.2020	29.06.2021	28.06.2022	27.06.2023
07	28.07.2020	27.07.2021	26.07.2022	25.07.2023
08	25.08.2020	31.08.2021	30.08.2022	29.08.2023
09	29.09.2020	28.09.2021	27.09.2022	26.09.2023
10	27.10.2020	26.10.2021	25.10.2022	31.10.2023
11	24.11.2020	30.11.2021	29.11.2022	28.11.2023
12	29.12.2020	28.12.2021	27.12.2022	27.12.2023

Figure 1: The Last Trading Days for NOREXECO Products based on Fastmarkets FOEX indices are the final PIX index day of each month.

Last trading day NOREXECO Shanghai NBSK Pulp				
Month	2020	2021	2022	2023
01		15.01.2021	17.01.2022	16.01.2023
02		05.02.2021	15.02.2022	15.02.2023
03		15.03.2021	15.03.2022	15.03.2023
04		15.04.2021	19.04.2022	17.04.2023
05		18.05.2021	16.05.2022	15.05.2023
06		15.06.2021	15.06.2022	15.06.2023
07		15.07.2021	15.07.2022	17.07.2023
08		16.08.2021	15.08.2022	15.08.2023
09		15.09.2021	15.09.2022	15.09.2023
10	15.10.2020	15.10.2021	17.10.2022	16.10.2023
11	16.11.2020	15.11.2021	15.11.2022	15.11.2023
12	15.12.2020	15.12.2021	15.12.2022	15.12.2023

Figure 2: The Last Trading Days for NOREXECO Shanghai NBSK Pulp.

Attachment 3: Specified Trading and Clearing Schedule

NOREXECO Products.

CET = Central European Time (Oslo)

- 07:00 CET Start of Clearing Opening Hours (ECC).
- 07:00 CET Daily Cash Settlement invoices available (ECC).
- 07:10 CET Daily Margin Requirements calculated (ECC).
- 09:00 CET Statement of Account available (ECC).
- 09:00 CET Cash Settlement initiated, Account holder must have balance or credit facilities for debit on the Cash Settlement Accounts (ECC).
- 10:30 CET Collateral Deadline (ECC).
- 11:00 CET on Fastmarkets FOEX Index Days, Tuesday every week, publication of the benchmark Indices (prices). Weekly and Monthly publications various Indices.
- 12:00 CET on Fastmarkets FOEX Last Index Day of the month, calculation of Final Settlement Price on Monthly Futures products.
- 13:00 CET Exchange Opening for Trading.
Registration of Block Trades concluded outside Trading Hours.
Publication of NFSI on Fastmarket FOEX Last Index Days.
- 16:30 CET Start 30 minutes Settlement Price Window for Daily Settlement Price. See Appendix 7.
- 17:00 CET Exchange Closed for Trading.

Publication of NOREXECO Shanghai Final Index on the Last Trading Day for the contract.
- 17:30 CET Daily Settlement Price fixed and published.

For further information on clearing schedule, please see www.ecc.de.