



NYSE Liffe

New Cleared Product Specifications: Fixed Income contracts

1 July 2013

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1 STIRS

1.1 Three Month Euro (EURIBOR) Interest Rate Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/801_-_final_wef_01.07.13_0.pdf

Description	A Futures contract on The European Inter-bank Offered Rate (EURIBOR) for three-month Euro time deposits (the benchmark of the euro money market)
Contract Symbol	I
Contract Size	Notional €1,000,000
Unit of Trading	1 contract
Currency	EUR
Trading Price Quotation	100.00 minus rate of interest
Settlement Price Quotation	100.00 minus rate of interest
Minimum Price Fluctuation	0.005 (half basis point; €12.50)
Last Trading Day	10.00 London time - Two business days prior to the third Wednesday of the delivery month
Final Settlement Price	Based on the European Bankers Federations' Euribor Offered Rate (EBF Euribor) for three month Euro deposits at 11.00 Brussels time (10:00 London time) on the Last Trading Day. The settlement price will be 100.00 minus the EBF Euribor Offered Rate rounded to three decimal places. Where the EDSP Rate is not an exact multiple of 0.001, it will be rounded to the nearest 0.001 or, where the EDSP Rate is an exact uneven multiple of 0.0005, to the nearest lower 0.001 (e.g. a EBF Euribor Offered Rate of 4.5225 becomes 4.522).
Contract Series	24 Quarterly; 4 Serial
Trading hours	01:00 - 06:45, 07:00 - 21:00 (please note: between 06:45 and 07:00 the market enters pre-open) London time Please note that on certain U.S. public holidays listed in Appendix I, this contract will close early. Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP, Bclear

1.2 Options on Three Month Euro (EURIBOR) Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	An Option on the Futures contract on The European Inter-bank Offered Rate (EURIBOR) for three-month Euro time deposits.
Contract Symbol	I
Contract Size	One Three Month Euro (EURIBOR) Futures Contract
Unit of Trading	1 contract
Currency	EUR
Trading Price Quotation	Multiples of 0.005
Settlement Price Quotation	Multiples of 0.005

Minimum Price Fluctuation	0.005 (Basis Point; €12.50)
Exercise Day	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day prior to the expiry day and until 10:45 on the Last Trading Day
Final Settlement Price	Expires into Euribor Futures contract
Contract Series	8 Quarterly and 4 Serial (March, June, September, December, and four serial months, such that twelve expiry months are available for trading, with the nearest six expiry months being consecutive calendar months)
Trading hours	07:02 - 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.3 One, Two, Three and Four Year Mid-Curve Options on Three Month Euro (EURIBOR) Interest Rate Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901 - final_wef_01_07_13.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf)

Description	An Option on the Futures contract on The European Inter-bank Offered Rate (EURIBOR) for three-month Euro time deposits.
Contract Symbol	K, K2, K3, K4
Contract Size	One Three Month Euro (EURIBOR) Futures Contract
Unit of Trading	1 contract
Currency	EUR
Trading Price Quotation	Multiples of 0.005
Settlement Price Quotation	Multiples of 0.005
Minimum Price Fluctuation	0.005 (Basis Point; €12.50)
Exercise Day	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day prior to the expiry day and until 10:45 on the Last Trading Day
Final Settlement Price	Expires into Euribor Futures contract
Contract Series	4 Quarterly and 4 Serial (March, June, September, December, and four serial months, such that eight expiry months are available for trading, with the nearest six expiry months being consecutive calendar months)
Trading hours	07:02 - 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.4 Three Month Sterling (Short Sterling) Interest Rate Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/801 - final_wef_01.07.13_0.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/801_-_final_wef_01.07.13_0.pdf)

Description	Cash settled future on the interest rate on three month deposit of £500,000
Contract Symbol	L

Contract Size	Notional £500,000
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	100.00 minus rate of interest
Settlement Price Quotation	100.00 minus rate of interest
Minimum Price Fluctuation	1 Basis Point (£12.50)
Last Trading Day	Third Wednesday of the delivery month. If such a day is not a business day, "Last Trading Day" shall mean the business day next following such day. On the Last Trading Day, trading in the front delivery month ceases at 11:00 London time
Final Settlement Price	Based on the British Bankers' Association London Interbank Offered Rate (BBA LIBOR) ¹ for three month sterling deposits at 11:00 on the Last Trading Day. The EDSP will be 100.00 minus the EDSP Rate (i.e. the BBA LIBOR) rounded to three decimal places. Where the EDSP Rate is not an exact multiple of 0.001, it will be rounded to the nearest 0.001 or, where the EDSP Rate is an exact uneven multiple of 0.0005, to the nearest lower 0.001 (e.g. a BBA LIBOR of 5.43750 becomes 5.437).
Contract Series	21 Quarterly 2 Serial
Trading hours	07:30 - 18:00 London time
Trading platform	UTP

1.5 Option on Three Month Sterling (Short Sterling) Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Options on the Three Month Sterling (Short Sterling) Interest Rate Futures
Contract Symbol	L
Contract Size	1 One Three Month Sterling (Short Sterling) Interest Rate Futures Contract
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	100.00 minus rate of interest
Settlement Price Quotation	100.00 minus rate of interest
Minimum Price Fluctuation	0.005 (Basis Point; £6.25)
Exercise Day	Third Wednesday of the expiry month. Exercise by 17:00 on any business day prior to the expiry and until 11:45 on the Last Trading Day
Final Settlement Price	Expires into Three Month Sterling (Short Sterling) Interest Rate Futures Contract
Contract Series	3 Quarterly and 2 Serial (March, June, September, December, and two serial months, such that ten expiry months are available for trading, with the nearest three expiry months being consecutive

¹ The BBA cannot be liable for any losses arising from the non-availability of, or any error or omission in, or miscalculation of, the BBA LIBOR.

	calendar months)
Trading hours	07:32 - 18:00 London Time
Trading platform	UTP

1.6 One, Two, Three and Four Year Mid-Curve Options on Three Month Sterling (Short Sterling) Futures
https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Options on the Three Month Sterling (Short Sterling) Interest Rate Futures
Contract Symbol	M, M2, M3, M4
Contract Size	One Three Month Sterling (Short Sterling) Interest Rate Futures Contract
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	Multiples of 0.005
Settlement Price Quotation	Multiples of 0.005
Minimum Price Fluctuation	0.005 (£6.25)
Exercise Day	Third Wednesday of the expiry month. Exercise by 17:00 on any business day prior to the expiry and until 11:45 on the Last Trading Day
Final Settlement Price	Expires into Three Month Sterling (Short Sterling) Interest Rate Futures Contract
Contract Series	4 Quarterly and 2 Serial (March, June, September, December, and two serial months, such that six expiry months are available for trading, with the nearest three expiry months being consecutive calendar months)
Trading hours	07:32 - 18:00 London Time
Trading platform	UTP

1.7 Three Month Euro Swiss Franc (Euroswiss) Interest Rate Futures
https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/801_-_final_wef_01.07.13_0.pdf

Description	Cash settled future on the interest rate on three month deposit of CHF 1,000,000
Contract Symbol	S
Contract Size	Notional CHF 1,000,000
Unit of Trading	1 contract
Currency	CHF
Trading Price Quotation	100.000 minus rate of interest
Settlement Price Quotation	100.000 minus rate of interest
Minimum Price Fluctuation	One Basis Point (CHF 25)
Last Trading Day	11:00 London time two business days prior to the third Wednesday of the delivery month
Final Settlement Price	Based on the British Bankers' Association London Interbank Offered Rate (BBA LIBOR) for three month Euroswiss Franc

	deposits at 11:00 on the Last Trading Day. The settlement price will be 100.00 minus the BBA LIBOR rounded to three decimal places. Where the EDSP Rate is not an exact multiple of 0.001, it will be rounded to the nearest 0.001 or, where the EDSP Rate is an exact uneven multiple of 0.0005, to the nearest lower 0.001 (e.g. a BBA LIBOR of 1.43750 becomes 1.437).
Contract Series	8 Quarterly
Trading hours	07:30 - 18:00 London time. Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.8 Option on Three Month Euro Swiss Franc (Euroswiss) Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	An Option on the Three Month Euro Swiss Franc (Euroswiss) Interest Rate Futures
Contract Symbol	S
Contract Size	1 contract
Unit of Trading	One Three Month Euro Swiss Franc (Euroswiss) Interest Rate Future
Currency	CHF
Trading Price Quotation	Multiples of 0.005
Settlement Price Quotation	Multiples of 0.005
Minimum Price Fluctuation	0.005 (Basis Point; CHF12.50)
Exercise Day	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day prior to the expiry day and until 11:45 on the Last Trading Day
Final Settlement Price	Expires into Three Month Euro Swiss Franc (Euroswiss) Interest Rate Futures Contract
Contract Series	8 Quarterly
Trading hours	07:32 - 18:00 London Time. Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.9 Three Month Eonia Swap Index Futures Contract

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/73_-_final_wef_01.07.13_0.pdf

Description	Cash settled future on the Three Month Eonia Swap Index
Contract Symbol	EO3
Contract Size	Notional €1,000,000
Unit of Trading	1 contract
Currency	EUR
Trading Price Quotation	100.00 minus rate of interest

Settlement Price Quotation	100.00 minus rate of interest
Minimum Price Fluctuation	0.005 (€12.50)
Last Trading Day	Two business days prior to the third Wednesday of the delivery month. If such a day is not a business day, "Last Trading Day" shall mean the business day next following such day. On the Last Trading Day, trading in the front delivery month will cease at 10:00
Final Settlement Price	Based on the Three Month Eonia Swap Index, as sponsored by the European Banking Federation (EBF), at 11:00 hours Brussels time (10:00 London time) on the Last Trading Day. The settlement price will be 100.00 minus the Three Month Eonia Swap Index level rounded to three decimal places. Where the EDSP Rate is not an exact multiple of 0.001, it will be rounded to the nearest 0.001, or where the EDSP Rate is an exact uneven multiple of 0.0005, to the nearest lower 0.001. The EDSP shall be 100.00 minus the EDSP Rate.
Contract Series	8 Quarterly and 4 Serial (March, June, September and December, and four serial months such that twelve delivery months are available for trading with the nearest six delivery months being consecutive calendar months)
Trading hours	07:00 - 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.10 One Month Eonia Indexed Future

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/59_-_final_wef_01.07.13_0.pdf

Description	Cash settled future on the Euro OverNight Index Average as calculated by the ECB and published by Reuters
Contract Symbol	EON
Contract Size	Notional €3,000,000
Unit of Trading	1 contract
Currency	EUR
Trading Price Quotation	100.00 minus rate of interest
Settlement Price Quotation	100.00 minus rate of interest
Minimum Price Fluctuation	0.005 (half basis point, €12.50). Please see details of basis point calculation in the full contract specification
Last Trading Day	Last Day of the European Central Bank Reserve Maintenance Period during the relevant delivery month. On the Last Trading Day, trading in the front delivery month will cease at 18:00 (Brussels time)
Final Settlement Price	As soon as reasonably practicable after 09:00 on the business day following the Last Trading Day Based on EONIA (Euro OverNight Index Average) as calculated by the ECB and published by Reuters in respect of each business day, the EDSP Rate represents the effective rate of interest achieved by reinvesting at Eonia® for each day of the accrual period of the contract.

	Where the EDSP Rate is not an exact multiple of 0.001, it will be rounded to the nearest 0.001, or where the EDSP Rate is an exact uneven multiple of 0.0005, to the nearest lower 0.001 The EDSP shall be determined as 100 minus the EDSP Rate, rounded as described above
Contract Series	Consecutive delivery months, each covering a European Central Bank (ECB) Reserve Maintenance Period. The number of available delivery months will be limited to the number of Reserve Maintenance Periods for which dates have been published by the ECB. A maximum of twelve and a minimum of three consecutive delivery months will be available for trading
Trading hours	07:00 - 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

1.11 Three Month Euroyen (TIBOR) Interest Rate Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/41_-_final_wef_01.07.13_0.pdf

Description	Cash settled future on the Euro OverNight Index Average as calculated by the ECB and published by Reuters
Contract Symbol	J
Contract Size	Notional ¥100,000,000
Unit of Trading	1 contract
Currency	JPY
Trading Price Quotation	100.000 minus rate of interest
Settlement Price Quotation	100.000 minus rate of interest
Minimum Price Fluctuation	0.005 (¥1,250)
Last Trading Day	16:00 - Two LIFFE business days prior to the TFX Last Trading Day for the equivalent TFX Euroyen contract month
Delivery Day	The delivery day for the TFX contract is the next business day following the Last Trading Day. The TFX Last Trading Day is the second business day immediately preceding the third Wednesday of the delivery month.
Contract Standard	Under normal circumstances, the NYSE Liffe contract will be transferred to TFX, and the resultant TFX contract will be cash settled at TFX's Final Settlement Price. In exceptional circumstances, where the position has been retained in London, TFX's Final Settlement Price will be used. If it is not available, the NYSE Liffe contract will be cash settled at NYSE Liffe's Exchange Delivery Settlement Price.
TFX's Final Settlement Price	Subject to TFX Rules, TFX will calculate their Final Settlement Price using the Zenginkyo TIBOR for three month Yen deposits at 11.00 (Tokyo time) on the TFX Last Trading Day. The settlement price will be 100.00 minus the Zenginkyo TIBOR rounded to three decimal places (if the fourth decimal is a 5 then the rate is rounded up e.g. a ZTIBOR rate of 0.8115 becomes 0.812).
Contract Series	March, June, September, December, such that 12 delivery months

	are available for trading
Trading hours	07:00 - 16:00 GMT / 08:00 - 16:00 British Summer Time NYSE Liffe will trade the Euroyen contract from 16:00 (Tokyo time). During British Summer Time, the NYSE Liffe Euroyen contract will start trading at 08:00 but will continue to close at 16:00. Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

2 Bond derivatives

2.1 Short Gilt Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/144_-_final_wef_01.07.13_0.pdf

Description	Deliverable futures contract on Gilts with maturities of 1 year and 6 months to 3 years and 3 months
Contract Symbol	G
Contract Size	£100,000 nominal value notional Gilt with 3% coupon
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	Per £100 nominal
Settlement Price Quotation	Per £100 nominal
Minimum Price Fluctuation	0.01 (£10)
Last Trading Day	Two business days prior to the last business day in the delivery month. On the Last Trading Day, trading in the front delivery month will cease at 11:00
First Notice Day	Two business days prior to the first day of the delivery month
Last Notice Day	First business day after the Last Trading Day
Delivery Day	Any business day in delivery month (at seller's choice)
Final Settlement Price	Please see details in the full contract specification
Contract Series	March, June, September, December, such that the nearest two quarterly delivery months are available for trading
Trading Hours	08:00-18:00
Trading platform	UTP

2.2 Medium Gilt Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/144_-_final_wef_01.07.13_0.pdf

Description	Deliverable futures contract on gilts with maturities 4 years to 6 years and 3 months
Contract Symbol	H
Contract Size	£100,000 nominal value notional Gilt with 4% coupon
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	Per £100 nominal
Settlement Price Quotation	Per £100 nominal
Minimum Price Fluctuation	0.01 (£10)
Last Trading Day	Two business days prior to the last business day of the delivery month. On the Last Trading Day, trading in the front delivery month will cease at 11:00
First Notice Day	Two business days prior to the first day of the delivery month
Last Notice Day	First business day after the Last Trading Day
Delivery Day	Any business day in delivery month (at seller's choice)
Final Settlement Price	Please see details in the full contract specification
Contract Series	March, June, September, December, such that the nearest two delivery months are available for trading
Trading Hours	08:00 - 18:00 London time

Trading platform	UTP
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2.3 Long Gilt Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/144_-_final_wef_01.07.13_0.pdf

Description	Deliverable futures contract on gilts with maturities 8 years and 9 months to 13 years
Contract Symbol	R
Contract Size	£100,000 nominal value notional Gilt with 4% coupon
Unit of Trading	N/1 contract
Currency	GBP
Trading Price Quotation	Per £100 nominal
Settlement Price Quotation	Per £100 nominal
Minimum Price Fluctuation	0.01 (£10)
Last Trading Day	Two business days prior to the last business day of the delivery month. On the Last Trading Day, trading in the front delivery month will cease at 11:00
First Notice Day	Two business days prior to the first day of the delivery month
Last Notice Day	First business day after the Last Trading Day
Delivery Day	Any business day in delivery month (at seller's choice)
Final Settlement Price	Please see details in the full contract spec
Contract Series	March, June, September, December, such that the nearest three delivery months are available for trading
Trading Hours	08:00 - 18:00 London
Trading platform	UTP, Bclear

2.4 Long Gilt Options

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Physically settled options contract on gilts with maturities 8 years and 9 months to 13 years
Contract Symbol	R
Contract Size	Long Gilt Futures contract
Unit of Trading	1 contract
Currency	GBP
Trading Price Quotation	Multiples of 0.01
Settlement Price Quotation	Multiples of 0.01
Minimum Price Fluctuation	0.01 (£10)
Exercise day	Sixth business day prior to the first day of the expiry month. Exercise Deadline: (a) Business days other than Last Trading Day 17:00 hrs (b) Last Trading Day 10:45 hrs
Final Settlement Price	Expires into a Long Gilt Futures contract
Contract Series	2 Quarterly, 2 Serial. The expiry months available for trading will be the relevant number of nearest quarterly expiry months and the relevant number of nearest serial expiry months. A new expiry month is available for trading the business day after the Last Trading

	Day of an expiry month.
Trading Hours	08:02 - 18:00
Trading platform	UTP

2.5 Japanese Government Bond (JGB) Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901 - final_wef_01_07_13.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf)

Description	Physically delivered futures on a notional long term Japanese Government Bond with a coupon of 6% per annum. Note that open interest is passed on to the Tokyo Stock Exchange (TSE).
Contract Symbol	JGB
Contract Size	notional amount having a face value of ¥100,000,000 of a notional long term Japanese Government Bond with a coupon of 6% per annum
Unit of Trading	1 contract
Currency	JPY
Trading Price Quotation	¥0.01 per ¥100 face value
Settlement Price Quotation	¥0.01 per ¥100 face value
Minimum Price Fluctuation	0.01 (¥10,000)
Last Trading Day	Two London Business Days prior to the TSE Last Trading Day for the equivalent TSE Japanese Government Bond Futures contract delivery month. At 16.00 hours: Trading in Contracts for the current delivery month will cease
Final Settlement Price	Please see details in the full contract specification
Contract Series	Two London Business Days prior to the TSE Last Trading Day for the equivalent TSE Japanese Government Bond Futures contract delivery month
Trading Hours	07:00 - 16:00 The JGB Contract opens at 08.00 on Tokyo Stock Exchange Holidays. Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Contract Series	March, June, September, December, such that two delivery months are available for trading.
Trading platform	UTP

3 Swapnotes

3.1 Two Year Euro Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/701s_-_final_wef_01.07.13_0.pdf

Description	A notional cash-settled bond future referenced to the interest rate swap market in EUR
Contract Symbol	TWS
Contract Size	€100,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract
Set of Relevant Payments	2 Year Euro
Currency	EUR
Trading Price Quotation	Price Points Per €100 nominal
Settlement Price Quotation	Price Points Per €100 nominal
Minimum Price Fluctuation	0.005 Price Point (€)
Value of One Price Point	€1,000 per lot
Last Trading Day	Two business days prior to the Effective Date. On the Last Trading Day, trading in the front delivery month will cease at 10:00. Effective Date is Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using a swap curve which is constructed, on the last trading day, from the ISDA® Benchmark Euribor Swap Rate fixings. The ISDA® Benchmark Euribor Swap Rate fixings are compiled daily at 11:00 Brussels time and displayed on the Reuters page "ISDAFIX2". Where the EDSP is not an exact multiple of 0.005, it will be rounded to the nearest 0.005, or where the EDSP is an exact uneven multiple of 0.0025, to the nearest higher 0.005 (e.g. an EDSP of 101.7275 becomes 101.73).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

3.2 Options on Two Year Euro Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Physically delivered Option on two year Euro Swapnote Future
Contract Symbol	TWS
Contract Size	1 Two Year Euro Swapnote Future
Unit of Trading	1 contract
Currency	Euro
Trading Price Quotation	Multiples of 0.005 Price Points
Settlement Price Quotation	Multiples of 0.005 Price Points
Minimum Price Fluctuation	0.005 (€5, half price unit)
Price Unit Value	€0.00
Last Trading Day	Two business days prior to the third Wednesday of the expiry month. On the Last Trading Day, trading in the expiring month will cease at 10:00
Final Settlement Price	Expires into Two Year Euro Swapnote Futures
Contract Series	2 Quarterly and 2 Serial (March, June, September and December (nearest two available for trading) plus two additional serial months, such that four expiry months are available for trading, which include the nearest three consecutive months)
Effective Date	The first business day after the exercise day
Trading Hours	07:02 – 18:00 Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Expiry Day (Last Trading Day)	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day, brought forward to 10:45 on the Last Trading Day
Trading platform	UTP

3.3 Five Year Euro Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/701s_-_final_wef_01.07.13_0.pdf

Description	A notional cash-settled bond future referenced to the interest rate swap market in EUR
Contract Symbol	O
Contract Size	100,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract

Set of Relevant Payments	5 Year Euro
Currency	EUR
Trading Price Quotation	Price Points Per €100 nominal
Settlement Price Quotation	Price Points Per €100 nominal
Minimum Price Fluctuation	0.01 Price Point (€0)
Value of One Price Point	€1,000 per lot
Last Trading Day	Two business days prior to the Effective Date. On the Last Trading Day, trading in the front delivery month will cease at 10:00. Effective Date is Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using a swap curve which is constructed, on the last trading day, from the ISDA® Benchmark Euribor Swap Rate fixings. The ISDA® Benchmark Euribor Swap Rate fixings are compiled daily at 11:00 Brussels time and displayed on the Reuters page "ISDAFIX2". Where the EDSP is not an exact multiple of 0.01, it will be rounded to the nearest 0.01, or where the EDSP is an exact uneven multiple of 0.005, to the nearest higher 0.01 (e.g. an EDSP of 101.7255 becomes 101.73).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

3.4 Options on Five Year Euro Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Physically delivered Option on five year Euro Swapnote Future
Contract Symbol	O
Contract Size	1 Five Year Euro Swapnote Future
Unit of Trading	1 contract
Currency	Euro
Trading Price Quotation	Multiples of 0.01 Price Points

Settlement Price Quotation	Multiples of 0.01 Price Points
Minimum Price Fluctuation	0.01 Price Point (€0)
Price Unit Value	€0.00
Last Trading Day	Two business days prior to the third Wednesday of the expiry month. On the Last Trading Day, trading in the expiring month will cease at 10:00
Final Settlement Price	Expires into Five Year Euro Swapnote Futures
Contract Series	2 Quarterly and 2 Serial (March, June, September and December (nearest two available for trading) plus two additional serial months, such that four expiry months are available for trading, which include the nearest three consecutive months)
Effective Date	The first business day after the exercise day
Trading Hours	07:02 – 18:00 Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Expiry Day (Last Trading Day)	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day, brought forward to 10:45 on the Last Trading Day
Trading platform	UTP

3.5 Ten Year Euro Swapnote Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/701s - final_wef_01.07.13_0.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/701s_-_final_wef_01.07.13_0.pdf)

Description	A notional cash-settled bond future referenced to the interest rate swap market in EUR
Contract Symbol	P
Contract Size	€100,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract
Set of Relevant Payments	10 Year Euro
Currency	EUR
Trading Price Quotation	Price Points Per €100 nominal
Settlement Price Quotation	Price Points Per €100 nominal
Minimum Price Fluctuation	0.01 Price Point (€0)
Value of One Price Point	€1,000 per lot
Last Trading Day	Two business days prior to the Effective Date. On the Last Trading Day, trading in the front delivery month will cease at 10:00. Effective

	Date is Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using a swap curve which is constructed, on the last trading day, from the ISDA® Benchmark Euribor Swap Rate fixings. The ISDA® Benchmark Euribor Swap Rate fixings are compiled daily at 11:00 Brussels time and displayed on the Reuters page "ISDAFIX2". Where the EDSP is not an exact multiple of 0.01, it will be rounded to the nearest 0.01, or where the EDSP is an exact uneven multiple of 0.005, to the nearest higher 0.01 (e.g. an EDSP of 101.7255 becomes 101.73).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 18:00 London time Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

3.6 Options on Ten Year Euro Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/901_-_final_wef_01_07_13.pdf

Description	Physically delivered Option on five year Euro Swapnote Future
Contract Symbol	P
Contract Size	1 Ten Year Euro Swapnote Future
Unit of Trading	1 contract
Currency	Euro
Trading Price Quotation	Multiples of 0.01 Price Points
Settlement Price Quotation	Multiples of 0.01 Price Points
Minimum Price Fluctuation	0.01 Price Point (€0)
Price Unit Value	€0.00
Last Trading Day	Two business days prior to the third Wednesday of the expiry month. On the Last Trading Day, trading in the expiring month will cease at 10:00
Final Settlement Price	Expires into Ten Year Euro Swapnote Futures
Contract Series	2 Quarterly and 2 Serial (March, June, September and December (nearest two available for trading) plus two additional serial months, such that four expiry months are available for trading, which include the nearest three consecutive months)

Effective Date	The first business day after the exercise day
Trading Hours	07:02 – 18:00 Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Expiry Day (Last Trading Day)	Second business day prior to third Wednesday of expiry month. Exercise by 17:00 on any business day, brought forward to 10:45 on the Last Trading Day
Trading platform	UTP

3.7 Two Year Dollar Swapnote Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/710 - final_wef_01.07.13_0.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/710_-_final_wef_01.07.13_0.pdf)

Description	A notional cash-settled bond future referenced to the interest rate swap market in USD
Contract Symbol	USW
Contract Size	\$200,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract
Set of Relevant Payments	2 Year U.S. Dollar
Currency	USD
Trading Price Quotation	Per \$100 nominal value
Settlement Price Quotation	Per \$100 nominal value
Minimum Price Fluctuation	Half of One Basis Point (\$10)
Basis Point Value	\$20.00 per lot
Last Trading Day	Two business days prior to the Effective Date. Last Trading Time 11:00 AM. Effective Date: Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using discount factors constructed, on the last trading day, from the ISDA® Dollar Swap Rate Fixings, the BBA-LIFFE US Dollar London Inter-bank Quarterly fixings and the three month BBA US Dollar LIBOR Fixing. The ISDA® Benchmark Dollar Swap Rate fixings are compiled daily at 11:00 New York time and displayed on the Reuters page "ISDAFIX1". The BBA-LIFFE US Dollar London Inter-bank Quarterly fixings are compiled quarterly at 11:00 New York time and displayed on the Moneyline-Telerate page "3850". The BBA US Dollar LIBOR fixings are compiled daily at 11:00 London time and displayed on the Bloomberg page "BBAM 1". Where the EDSP is not an exact multiple of 0.005, it will be rounded to the nearest 0.005, or where the EDSP is an exact uneven multiple of 0.0025, to the nearest higher 0.005 (e.g. an EDSP of 101.7275

	becomes 101.730).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 20:00 Please note that on certain U.S. public holidays listed in Appendix I, this contract will close early Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

3.8 Five Year Dollar Swapnote Futures

[https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/710 - final_wef_01.07.13_0.pdf](https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/710_-_final_wef_01.07.13_0.pdf)

Description	A notional cash-settled bond future referenced to the interest rate swap market in USD
Contract Symbol	USO
Contract Size	\$100,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract
Set of Relevant Payments	5 Year U.S. Dollar
Currency	USD
Trading Price Quotation	Per \$100 nominal value
Settlement Price Quotation	Per \$100 nominal value
Minimum Price Fluctuation	One Basis Point (\$10)
Basis Point Value	\$10.00 per lot
Last Trading Day	Two business days prior to the Effective Date. Last Trading Time 11:00 AM. Effective Date: Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using discount factors constructed, on the last trading day, from the ISDA® Dollar Swap Rate fixings, the BBA-LIFFE US Dollar London Inter-bank Quarterly fixings and the three month BBA US Dollar LIBOR Fixing. The ISDA® Benchmark Dollar LIBOR Swap Rate fixings are compiled daily at 11:00 New York time and displayed on the Reuters page "ISDAFIX1". The BBA-LIFFE US Dollar London Inter-bank Quarterly fixings are compiled quarterly and displayed on the Moneyline-Telerate page "3850". The BBA US Dollar LIBOR fixings are compiled daily at 11:00 London time and displayed on the Bloomberg page "BBAM 1". Where the EDSP is not an exact multiple of 0.01, it will be rounded to the nearest 0.01, or

	where the EDSP is an exact uneven multiple of 0.005, to the nearest higher 0.01 (e.g. an EDSP of 101.725 becomes 101.73).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 20:00 Please note that on certain U.S. public holidays listed in Appendix I, this contract will close early Please note that on certain UK public holidays listed in Appendix II, this contract will be available for trading.
Trading platform	UTP

3.9 Ten Year Dollar Swapnote Futures

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/710_-_final_wef_01.07.13_0.pdf

Description	A notional cash-settled bond future referenced to the interest rate swap market in USD
Contract Symbol	USP
Contract Size	\$100,000 notional principal amount with 6.0% notional fixed rate
Unit of Trading	1 contract
Set of Relevant Payments	5 Year U.S. Dollar
Currency	USD
Trading Price Quotation	Per \$100 nominal value
Settlement Price Quotation	Per \$100 nominal value
Minimum Price Fluctuation	Two Basis Points (\$20)
Basis Point Value	\$10.00 per lot
Last Trading Day	Two business days prior to the Effective Date. Last Trading Time 11:00 AM. Effective Date: Third Wednesday of delivery month
Final Settlement Price	The EDSP is the present value, as of the delivery day, of the notional principal amount and the notional coupons. The discounting of the cash flows is performed using discount factors constructed, on the last trading day, from the ISDA® Dollar Swap Rate fixings, the BBA-LIFFE US Dollar London Inter-bank Quarterly Fixings and the three month BBA US Dollar LIBOR Fixing. The ISDA® Benchmark Dollar Swap Rate fixings are compiled daily at 11:00 New York time and displayed on the Reuters page "ISDAFIX1". The BBA-LIFFE US Dollar London Inter-bank Quarterly fixings are compiled quarterly at 11:00 New York time and displayed on the Moneyline-Telerate page "3850". The BBA US Dollar LIBOR fixings are compiled daily at 11:00 London time and displayed on the Bloomberg page "BBAM 1".

	Where the EDSP is not an exact multiple of 0.01, it will be rounded to the nearest 0.01, or where the EDSP is an exact uneven multiple of 0.005, to the nearest higher 0.01 (e.g. an EDSP of 101.725 becomes 101.73).
Contract Series	2 Quarterly (March, June, September and December such that the nearest two delivery months are always available for trading)
Trading Hours	07:00 – 20:00 Please note that on certain U.S. public holidays listed in Appendix I, this contract will close early
Trading platform	UTP



4 Suspended

4.1 One Month SONIA futures

4.2 Three Month Euroyen (TIBOR) Interest Rate Futures (from 1 July)



5 Appendix I – Trading of Euribor Futures Contracts and U.S. Dollar Swapnote® Futures Contracts on U.S. Public Holidays in 2013

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/trading_days_in_2013_-_london_derivatives_market.pdf page 18

Trading of Euribor Futures Contracts, U.S. Dollar Swapnote® Futures Contracts, and TOPIX Index Contract on U.S. Public Holidays in 2013

Euribor Futures Contract, the U.S. Dollar Swapnote® Futures Contract, and the TOPIX Index Contract will be available for trading on all market days in 2013, including those which are U.S. public holidays. On the U.S. public holidays listed in the table below, such Contracts will close early, as follows:

Holiday	Date	Closing Time (New York Time)	Closing Time (London Time)
Martin Luther King, Jr. Day	Monday 21 January 2013	13:00	18:00
Presidents' Day	Monday 18 February 2013	13:00	18:00
Memorial Day	Monday 27 May 2013	13:00	18:00
Independence Day	Thursday 4 July 2013	13:00	18:00
Labor Day	Monday 2 September 2013	13:00	18:00
Thanksgiving Day	Thursday 28 November 2013	13:00	18:00
	Friday 29 November 2013	13:00	18:00

6 Appendix II - Availability of Contracts for Trading on LIFFE CONNECT®/UTP on UK Public Holidays in 2013: The following contracts will be available for trading on UK Public holidays on 6 May, 27 May 26 August 2013:

https://globalderivatives.nyx.com/sites/globalderivatives.nyx.com/files/trading_days_in_2013_-_london_derivatives_market.pdf page 3

Three Month Euroyen (TIBOR) Futures
Three Month Euroswiss Futures and Options
Three Month Euro (EURIBOR) Futures and Options (including Mid-Curve Options)
One Month Euro Overnight Index Average ("EONIA") Indexed Futures
Three Month ("EONIA") Swap Index
Japanese Government Bond (JGB) Futures
Two Year Euro Swapnote® Futures and Options
Five Year Euro Swapnote® Futures and Options
Ten Year Euro Swapnote® Futures and Options
Two Year U.S. Dollar Swapnote® Futures
Five Year U.S. Dollar Swapnote® Futures
Ten Year U.S. Dollar Swapnote® Futures