



General Supplement

to the Eurex Liquidity Provider Agreement

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Preamble

This document forms an integral part of the Eurex Liquidity Provider Agreement.

This document outlines the Incentives for the Liquidity Provider and the general requirements that need to be fulfilled in order to receive these Incentives. Further Incentives and requirements may be stipulated in the respective Product Specific Supplement or the Price List of Eurex Clearing AG.

This General Supplement and the respective Product Specific Supplements constitute a market making scheme in the sense of Article 48(2)(b) of Directive 2014/65/EU on Markets in Financial Instruments and Articles 5 to 7 of Commission Delegated Regulation (EU) 2017/578.

1. Definitions

The following definitions shall apply in addition to the definitions stipulated in the LPA. In case of deviations of a definition, the definition stipulated in this General Supplement shall be applicable for the purposes of this document.

Term	Definition
Alternative Contract Specifications	shall have the meaning ascribed to such term in Number 3.2.1 of the Contract Specifications for Futures Contracts and Options Contracts at Eurex Deutschland.
Asymmetric Quotation	Quotation in options series (call and put) in an expiry such that a call in a strike price does not need to be accompanied by a put in the same strike price.
Basis Building Block (BBB)	A set of minimum requirements in a product that is to be fulfilled in order to receive Monetary Incentives in that product (exception: Package Building Block).
Building Blocks (BB)	Requirement sets for Liquidity Providers. If a Building Block is fulfilled, Liquidity Provider may be eligible for a rebate, subject to additional conditions.
CE(S)T	shall mean Central European Time or Central European Summer Time, as applicable on the respective day in Frankfurt am Main, Germany.
Eurex EnLight Building Block (EBB)	LP quotation requirements and incentives for Eurex EnLight. EBB consists of requirements for answering Eurex EnLight Requests for Quote.

Exceptional Circumstances	shall have the meaning ascribed to such term in section 2.2.2.
Holding Time	The uninterrupted time period in which a Quote Request is answered by Liquidity Provider with a valid quote.
Larger Size Building Block (LBB)	A set of minimum size requirements that are to be fulfilled in order to receive Monetary Incentives in addition to the BBB incentives. The requirements consist of the fulfilment of BBB whereas the size component of each quote leg must be equal to or larger than the minimum BBB size requirement multiplied by a specific size factor.
Liquidity Class	The concept of Liquidity Classes differentiates rebate levels and quotation parameters according to the liquidity of the product. Details can be found on the website www.eurex.com > Products > Product Information.
Liquidity Provider Eligible Transaction Fees	shall mean transaction fees, which originate from the matching or the registration of derivatives transactions according to Number 3.1 of the Price List of Eurex Clearing AG.
Liquidity Provider Eligible Volume	shall mean any volume pursuant to Section 3.1.1 (3) to (5) (and further specified in the respective Supplement), which is eligible for the granting of Monetary Incentives under this Agreement.
Maturity Range	The maturity range comprises the number of expirations to be quoted.
Monitoring Time	Time period in which the provision of Quote Requests in Strategies is counted towards performance fulfilment in the Strategy Building Block. Quote requests outside the Monitoring Time are considered to be invalid The Monitoring Time is specified in the Product Specific Supplement.
Package Building Block (PBB)	A set of minimum requirements for a combination of products (package) that is to be fulfilled in order to receive Monetary Incentives

	in addition to the BBB incentives. A package consists of more than one product (package component). If minimum requirements with regards to the package are met, then the package requirement for every component of that package is considered to be fulfilled.
Quotation Period	Trading period between quotation start time and quotation end time on each trading day.
Quote Request in Strategies	Dedicated electronic request-for-quote message or a change in the reference data published by the Eurex Exchange resulting in the creation of a complex instrument.
Request for Quote (RFQ)	See Quote Request.
Required Coverage	A predefined percentage of the quotation period (calculated as a monthly average) on each trading day per calendar month for a predefined number of expirations (the maturity range) that needs to be covered by valid quotes. In the case of daily SMC Coverage, the parameter is calculated as a daily average.
Size Factor	Multiplier that is applied to the minimum size requirement of the BBB in order to obtain the size requirement for the LBB. The Size Factor must be equal to or greater than one.
Spread Factor	Multiplier that is applied to the maximum spread requirement of the BBB in order to obtain the spread requirement for the TBB. The Spread Factor must be equal to or smaller than one.
Strategy Building Block (Complex Instruments) (CBB)	A set of minimum requirements for responding to Quote Requests in Strategies that is to be fulfilled in order to receive Monetary Incentives in addition to the BBB incentives.
Stress Presence Building Block (SBB)	A set of minimum requirements for quoting during Stressed Market Conditions in order to receive Incentives in addition to the BBB incentives.

Stressed Market Conditions (SMC)	Situations of high volatility that may be triggered (a) by discretion of the Eurex Exchange (SMC-Fast) or (b) automatically by significant short-time changes of price and volume, or resulting from volatility interruptions (SMC-Auto). In SMC (announced by the Eurex Exchange), maximum spreads will be increased by 100 percent and the minimum quote size will be reduced by 50 percent, if not announced otherwise.
Strike Price Window (SPW)	For options, the strike price window consists of a predefined number of strike prices (calls and puts) nearest to the current underlying price in every expiration month within the maturity range. Out of this predefined number of strikes Liquidity Provider may chose a predefined number of strikes to be quoted.
Option Delta (Δ)	Delta measures the degree to which an option's price is exposed to shifts in the price of the underlying asset. Values range from 1.0 to -1.0 and are positive for Calls and negative for Puts.
Delta Strike Window (DSW)	For options, scope of requirements along the strike price dimension can alternatively be defined using a range of option deltas. All options within the range are required to be quoted per each expiry in scope. The range is defined with 4 parameters. Delta Floor Call, Delta Ceiling Call, Delta Floor Put, Delta Ceiling Put. The first strike under each floor and above each ceiling is optional (does not go into requirement, but will add to coverage if quoted).
Tighter Spread Building Block (TBB)	A set of maximum spread requirements that are to be fulfilled in order to receive Monetary Incentives in addition to the BBB incentives. The requirements consist of the fulfilment of BBB whereas the spread component of each quote leg must be equal to or smaller than the maximum BBB spread requirement multiplied by a specific spread factor.
Tolerated Violation Days	Maximum number of days a Liquidity Provider may fall short of his performance requirement. A Liquidity Provider may fall short for a maximum of a product-specific number of tolerated violation days each month per product, provided

	that the difference is made up on other days to reach the required monthly average coverage.
Valid Quotes	A pair of buying (bid leg) and selling (ask leg) interests posted to the order book such that (a) each leg is subject to minimum size requirements and (b) the range between the ask price and the bid price does not exceed the maximum spread requirement.
SpreadQuality	A normalized time weighted average of Spread Improvements compared to a fixed max threshold. SpreadQuality is calculated on individual instrument level. For more Details see section 2.3.82.3.8
SizeQuality	A normalized time weighted average of Size Improvements compared to a fixed minimum threshold. SizeQuality is calculated on individual instrument level. For more Details see section 2.3.82.3.8
Sliding Scale	A sliding Scale is a regression of the form $\text{Rebate\%} = \sum_i \text{Factor}_i * \text{Variable}_i$ $\text{a*SizeQuality} + \text{b*SpreadQuality}$. Parameters a and b are defined by Eurex Frankfurt. <u>Factors define the contribution of each Variable in the Rebate%.</u> Both are defined by Eurex Frankfurt in section 2.3.8 <u>of this document.</u> A member can gain additional monetary incentives by <u>increasing their SpreadQuality and/or SizeQuality in a given product. increasing their quote quality via Spread Quality and Size Quality, as well as other quotation metrics such as number of products fulfilled (n), number of strikes quoted (m) and Strategy RFQ metrics (s)</u>
Advanced Building Block	A set of additional requirements that are to be fulfilled to receive Monetary Incentives in addition to the BBB incentives. The requirements consist of the fulfilment of BBB and any other Building Block combination outlined in the respective Product Specific Supplement. The monetary incentive (Rebate) is granted based on the performance in the Sliding Scale

2. Liquidity Provider Requirements

2.1. General provisions

- (1) Liquidity Provider shall provide valid quotes to the order book
- a. For options, only quote messages as defined by the T7 Functional Reference are considered to be quotes. Single sided quotes can be accepted only if specified in the respective Product Specific Supplement that such quotation applies for the given product and scheme. In the case such quotation applies, the quoted price of the offer and size on the offer will be compared to the specific scheme requirements outlined in the Product Specific Supplement..
 - b. For futures, quote messages as defined by the T7 Functional Reference are considered to be quotes. In addition, all limit orders from the M account within the maximum bid-ask range are considered.. Single sided quotes are measured like limit orders.
- (2) In addition, the requirements stipulated in Section 2.3 apply.

2.2. Stressed Market Conditions and Exceptional Circumstances

Liquidity Provider may receive Incentives when providing liquidity in Stressed Market Conditions (SMC) pursuant to Art. 6 1 lit. b) in the products pursuant to Art. 5(1) lit. b) and c) of Commission Delegated Regulation (EU) 2017/578. Furthermore, Regulated Market Makers shall not be obliged to provide liquidity in Exceptional Circumstances pursuant to Art. 3 of Commission Delegated Regulation (EU) 2017/578.

2.2.1. Stressed Market Conditions

- (1) Liquidity Provider may receive Incentives for quoting during Stressed Market Conditions in certain products if the respective requirements are met.
- (2) Stressed Market Conditions take the form of SMC-Fast (former Fast Market) and SMC-Auto (see below).
- (3) During SMC, quotation requirements of Liquidity Provider are broadened for all Building Blocks pursuant to Section 2.3. A dedicated Building Block further incentivizes the fulfilment of Liquidity Provider requirements during SMC (both during SMC-Fast and SMC-Auto), pursuant to Subsection 2.3.6.
- (4) The following requirements apply for Stressed Market Conditions. At the Eurex Exchange, two trading periods shall be considered as Stressed Market Conditions, SMC-Fast and SMC-Auto.

2.2.1.1. SMC-Fast

In specific market situations, the Eurex Exchange may announce Stressed Market Conditions ("SMC-Fast" - former: "Fast Market"). The Eurex Exchange may declare SMC-Fast Events in all products admitted to trading at the Eurex Exchange. The Eurex Exchange may also declare SMC-Fast Events after Exceptional Circumstances.

2.2.1.2. SMC-Auto

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- (1) The Eurex Exchange shall, for futures, consider significant short-term changes of prices and volumes or the trading period resulting from volatility interruption as automatically invoked Stressed Market Conditions (SMC-Auto). If the respective parameters are met, SMC-Auto is being applied automatically and announced immediately to trading participants. For options, the state SMC-Auto is invoked when the corresponding future product is in SMC-Auto (e.g., SMC-Auto in FESX will automatically invoke SMC-Auto in OESX).
 - (2) The Eurex Exchange may apply the trading condition SMC-Auto in all products admitted for trading at the Eurex Exchange that are flagged accordingly.
 - (3) SMC-Auto is invoked per product for the duration of 10 minutes.

2.2.2. Exceptional Circumstances

- (1) Liquidity Provider requirements may be suspended during Exceptional Circumstances. Exceptional Circumstances are defined in Article 3 of Commission Delegated Regulation (EU) 2017/578, whereas the Eurex Exchange makes public the occurrence of Exceptional Circumstances, except for paragraph (2).
- (2) In the special case Exceptional Circumstances due to the inability of the Liquidity Provider to maintain prudent risk management practices pursuant to Article 3 (d) of Commission Delegated Regulation (EU) 2017/578, the Liquidity Provider has to submit a prompt notice of the Liquidity Provider's inability to maintain prudent risk management practices to Eurex Exchange outlining the issue, the start date and time of the issue at hand, and when these are expected to be resolved. Liquidity Providers have also to submit prompt notice when exceptional circumstances have ended. The Eurex Exchange may require the Liquidity Provider to submit further details and evidence on its inability to maintain prudent risk management practices. Based on the provided evidence, the Eurex Exchange will decide on the suspension of Liquidity Provider requirements. Per default, Exceptional Circumstances declared by Liquidity Provider are valid for one day. Exceptional Circumstances persisting for more than one day must be reported for each day separately.
- (3) Liquidity Provider may quote during Exceptional Circumstances. In these cases, the performance is counted towards fulfilment of the requirements. During Exceptional Circumstances, the minimum requirements are broadened for all Building Blocks as in the case of Stressed Market Conditions, as outlined in section 2.2.1 (3).

2.3. Building Blocks

- (1) The granting of rebates and the concrete rebate levels to be applied on a rebate pursuant to Section 3.1.1. are dependent on the fulfilment of Building Blocks applicable for different products. These requirements are split into several elements:
 - Basis Building Block (BBB);
 - Package Building Block (PBB);
 - Strategy Building Block (Complex Instruments) (CBB);
 - Larger Size Building Block (LBB);
 - Tighter Spread Building Block (TBB);
 - Advanced Building Block (ABB);

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- Stress Presence Building Block (SBB)
 - Eurex EnLight Building Block (EBB).

(2) In general, Liquidity Provider rebates are granted for transactions across three different execution types: Order book, Eurex EnLight and TES. To receive the respective Liquidity Provider rebates for order book, Eurex EnLight and TES transactions, the requirements for each respective Building Block have to be fulfilled in the order book. For clarification: some Building Blocks available in the order book might not be available for Eurex EnLight or TES and hence, only lead to Liquidity Provider rebates for order book transactions.

An exception to this is the Eurex EnLight Building Block as the requirements have to be fulfilled in Eurex EnLight to be granted the respective Liquidity Provider rebates for Eurex EnLight and TES transactions. Further details regarding the availability of Building Blocks per product and execution type can be found in the Product Specific Supplements.

- (3) In general, the fulfilment of the requirements in the respective Basis Building Block per product is prerequisite for any Liquidity Provider rebates to be granted. However, this restriction does not apply to the Package Building Block.
- (4) Upon fulfilling the Basis Building Block, the fulfilment of further Building Blocks can increase the overall rebate level (the pre-requisite to fulfilling the Basis Block does not apply to the Package Building Block). All further Building Blocks can be fulfilled independently of each other. The sum of all eligible Building Block rebate levels defines the rebate level per product and execution type to be applied on the LP Eligible Transaction Fees.
- (5) If the requirements have been fulfilled in the respective package, all products within this package are granted the basis as well as the package rebate level, irrespective of the Basis Building Block fulfilment. In this case, the Strategy rebate is granted if the CBB is fulfilled and the Eurex EnLight rebate is granted if the EBB is fulfilled.
- (6) Only the Basis Building Block is available for all products admitted for trading at the Eurex Exchange that have a Liquidity Provider scheme in place. The other Building Blocks are available for specific products admitted for trading at the Eurex Exchange. The availability of Building Blocks per product is outlined in the following table, whereas for individual products this assignment may deviate, if so stipulated in the respective Product Specific Supplement.

Table 1: Applicability of Liquidity Provider Building Blocks per Product Group. The categorization is valid unless defined otherwise in the Product Specific Supplements.

	BBB	PBB	CBB	LBB	TBB	SBB	EBB	ABB
Options								
Equity Index Options	✓	✓	✓	✓	✓	✓	✓	✓*
Equity Options	✓	✓	✓	✓	✓	✓	✓	✓
EXTF-Options	✓	✓				✓		
Interest Rate Options	✓	✓	✓	✓	✓		✓	
Other Option Products	✓	✓					✓	
Futures								
Index Futures	✓	✓				✓		✓
Single Stock Futures	✓	✓				✓		
Kospi-Futures	✓	✓				✓		
EXTF-Futures	✓	✓				✓		
Other Futures Products	✓	✓						

*Currently only applicable for EURO STOXX 50® Index Options (OESX)

2.3.1. Basis Building Block (BBB)

- (1) The Basis Building Block of a product in a time period is considered as fulfilled if, in that product, valid quotes are entered such that
- in the required BBB number of strikes of the Strike Price Window or a defined range of Option Deltas of the Delta Strike Window,
 - for the required BBB number of expiries (maturity range),
 - the minimum BBB size requirement,
 - the maximum BBB spread requirement, and
 - potential additional requirements that are specified in the Product Specific Supplement

are fulfilled for the required BBB covered time in that time period.

- (2) During Stressed Market Conditions (SMC) pursuant to Section 2.2.1, the minimum BBB size requirement shall be halved, and, further, the maximum BBB spread requirement shall be doubled, if not announced otherwise in the Product Specific Supplement.
- (3) The fulfilment of LP performance requirement is relevant at the end of the calendar month for the granting of LP incentives.

2.3.2. Package Building Block (PBB)

- (1) The Package Building Block for a product in a time period is considered as fulfilled if

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- the Basis Building Block is fulfilled in a pre-defined number of products of that package, and
 - in the case that the PBB parameters should deviate from the BBB parameters as outlined in 2.3.1, the respective PBB parameters are fulfilled, and
 - potential additional requirements that are specified in the Product Specific Supplement

are fulfilled for the required PBB covered time in that period.

- (2) Liquidity Provider is eligible for a basis rebate and a package rebate in a given product although the BBB for that product is not fulfilled (see section 2.3 lit (5)).

2.3.3. Strategy Building Block (Complex Instruments) (CBB)

- (1) The Strategy Building Block is available to options products assigned to Liquidity Class 1 and Liquidity Class 2.
- (2) The Strategy Building Block in a product in a time period is considered as fulfilled if,
- (i) the requirements pursuant to Paragraphs (3) and (4) are met and
 - (ii) valid quote requests during the monitoring time are answered such that Liquidity Provider
 - responds to incoming strategy requests with a response time of max. 20 seconds
 - provides a firm quote for the minimum time of 20 seconds (Holding Time). If a strategy quote is traded, the obligation for the required holding time for the specific strategy is deemed to be fulfilled;
 - enters a new quote and holds for the minimum time of 20 seconds if the same strategy is re-requested.
 - Self-responses to requests sent by any individual liquidity provider will not be taken into consideration for the measurement either on the request or response side.

Quotes can be updated as often as necessary during the Holding Time.

- (3) The following requirements with regards to the number of quote requests shall apply for the determination whether the Strategy Building Block in a given product is fulfilled:
- a) A monthly minimum number of valid strategy quote requests ("floor") shall be applied at the end of the last trading day of the month per product. If on the last trading day of the month the number of valid strategy quote requests in a product is (i) equal to or lower than the floor, the response to the quote request requirement in the product is deemed fulfilled for this month or (ii) greater than the floor, Liquidity Provider needs to fulfil the minimum coverage requirement of the total number of valid quote requests during the month in that product. The value of the floor is 100.
 - b) Per product and day, a maximum number of valid strategy quote requests ("ceiling") in option strategies are counted, of which a certain percentage (Required Coverage) must be answered. The Required Coverage for each

quotation set is outlined in the Appendix attached to the General Supplement. The value of the ceiling for Set 5: "EURO STOXX 50 Index Options OESX" is 240. The value of the ceiling for all other Sets is 200.

(4) The following additional requirements shall apply for the determination whether the Strategy Building Block in a given product is fulfilled:

- a) Strike Price Window (SPW) and Maturity Range: The SPW and the Maturity Range of the Basis Block requirements provide the universe of options combinations for each product; strategies where at least one leg is outside the SPW do not need to be quoted.
For complex instruments that contain an underlying instrument (Options Volatility Strategies), the SPW and Maturity Range are only relevant for the options legs, not for the underlying leg.
- b) Options close to maturity: Strategies that contain an options leg that expires five trading days later or less will not be part of the measurement.
- c) The quotation parameters outlined in the Appendix attached to the General Supplement relate to the quotation parameters of the outright option:
- The monitoring of RFQ responses is performed in the timeframes as outlined in the table in the Appendix. Quote Requests outside the start and end times are deemed "invalid".
 - The minimum quote size is dependent upon the options combination of a given strategy. The minimum quote size for the CBB is a multiple of the Basis Block minimum quote size of the outright. The multiplier is published in the Appendix.
 - Maximum Quote Spreads: Depending on the options combination, the maximum spread for the CBB will be a multiple of the respective Basis Block maximum spread of the outright options. The multiplier is published in the Appendix
 - The spread will be determined by the bid price of the option strategy:

Example

Assumptions:

- An option is in spread class 10: where bid price from 15 to 225 index points can be quoted with an 8 percent spread.
- The multiplier for the maximum spread is assumed to be 1x relative to the outright spread.

The option strategy has a bid price of 20 index points. Result:

The maximum quote spread for the CBB of the call spread is 1.6 points:

$1 \text{ (multiplier)} * 8\% \text{ (max BBB quote spread outright)} * 20 \text{ points (bid price)}$.

2.3.4. Larger Size Building Block (LBB)

- (1) The Larger Size Building Block in a product in a calendar month is considered as fulfilled if, in that product, the BBB is fulfilled whereas a valid quote counts into the performance only if it features a size that is equal to or greater than the minimum size requirement of the BBB – multiplied by a specific size factor – on both legs of the quote (Size Factor).
- (2) The respective Size Factors may differ per Liquidity Class as defined in paragraph (4).
- (3) In Stressed Market Conditions (SMC) pursuant to Section 2.2.1, the Size Factor applies to the reduced BBB minimum quote size requirements that are valid during SMC.
- (4) The following table shows the specific Larger Size Factors for the respective Product Groups and Liquidity Classes (LC):

Product Group	LC1	LC2	LC3
<i>Equity Index Options</i>	2.0	1.5	1.1
<i>Equity Options</i>	1.5	1.5	1.5
<i>Interest Rate Options</i>	4.0	4.0	1.1

Table 2: Multiplication factors for Larger Size Building Block

2.3.5. Tighter Spread Building Block (TBB)

- (1) The Tighter Spread Building Block in a product in a time period is considered as fulfilled if, in that product, the BBB is fulfilled whereas a valid quote counts into the performance only if it features a spread that is equal to or smaller than the spread required by the maximum spread of the BBB – multiplied by a specific spread factor – on both legs of the quote (Spread Factor).
- (2) The respective Spread Factors may differ per Liquidity Class as defined in paragraph (4).
- (3) In Stressed Market Conditions (SMC) pursuant to Section 2.2.1, the Spread Factor applies to the increased BBB maximum spread requirements that are valid during SMC.
- (4) The following table shows the specific Tighter Spread Factors for the respective Product Groups and Liquidity Classes (LC):

Product Group	LC1	LC2	LC3
<i>Equity Index Options</i>	0.65	0.75	1.0
<i>Equity Options</i>	0.25	0.50	0.75
<i>Interest Rate Options</i>	0.65	0.65	1.0

Table 3: Multiplication factors for Tighter Spread Building Block

2.3.6. Stress Presence Building Block (SBB)

The Stress Presence Building Block in a product (for products where the “Market Making Obligation (MMO)” flag is set) in a time period is considered as fulfilled if, during Stressed Market Conditions (SMC) pursuant to Section 2.2.1, valid quotes are entered such that

- in the required BBB number of strikes of the Strike Price Window,
- for the required BBB number of expiries (maturity range),
- the reduced BBB minimum size requirement that is valid during SMC pursuant to Section 2.2.1, and
- the increased BBB maximum spread requirement that is valid during SMC pursuant to Section 2.2.1

are fulfilled for the required SBB covered time in that time period.

2.3.7. Eurex EnLight Building Block (EBB)

- (1) The EBB is only fulfilled if the Basis (or Package) Building Block is fulfilled. In addition, the Liquidity Provider has to pass the EnLight LP Certification test.
- (2) An Eurex EnLight Quote Request is deemed valid
 - If it is addressed to more than one responder,
 - Within the times that are specified below,
 - Within all expiration ranges of a product,
 - In the following cases with regards to RFQ size in relation to the Eurex EnLight Minimum Block Trade Size (EMBTs) and the RFQ size visibility for the responder:

Equity Options (OSTK) and Equity Index Options (OINX)	RFQ size is visible for responder?	
	Yes	No
Size = 0 or Size not defined	RFQ not valid	RFQ not valid
Size >= EMBTS	RFQ valid	RFQ not valid

Table 4: RFQ Validity with regards to RFQ size and visibility for responder for equity and equity index options.

Interest Rate Options (OFBD) and all other options	RFQ size is visible for responder?	
	Yes	No
Size = 0 or Size not defined	RFQ valid	RFQ valid
Size >= EMBTS	RFQ valid	RFQ valid

Table 5: RFQ Validity with regards to RFQ size and visibility for responder for interest rate options.

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- for options in series where the previous daily settlement price is above three times the minimum price increment.

(3) Eurex EnLight RFQ Response Parameters

- The required Eurex EnLight RFQ response rate is 50% of valid quote requests addressed to a LP.
- The responded quote size must be at or above the EnLight Minimum Block Trade Size. The quote size does not have to be greater than or equal to the requested size.
- Monitoring time 9:15 – 17:25 CE(S)T (17:20 Swiss Equity Options), Interest Rate Options 9:15-17:15 CE(S)T
- Maximum valid RFQ per day per Liquidity Provider: 50
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- A valid response is considered to be either a quote provided within 60 seconds of receiving the RFQ, or a “Working” message response, after which a quote is provided. In the case of a “Working” message response, provided it has been sent within 60 seconds of receiving the RFQ, the LP has an additional 180 seconds in which they could provide a quote in order for the response to be valid. For avoidance of doubt, in the case where a session is closed before the above-mentioned 180-second period has elapsed and the LP hasn’t yet provided a quote (RFQ response is still in status “Working”), the RFQ would be counted as invalid for the respective LP.
- Minimum holding time of quote is 30 seconds.

(4) An RFQ Response can be updated at any time (up to four times per second). If the response is updated, the quote still counts as ‘held’ (i.e., the holding time is uninterrupted).

(5) If a quote is executed, then the response is considered as fulfilled, even if the minimum holding time was not reached.

(6) For the assessment of the Liquidity Provider fulfilment, the following floors will be applied at the end of the last trading day of the month in the following way:

- For each Liquidity Provider, a floor of 5 valid RFQs per product and month applies (“LP floor”)
- For entire market, a floor of 15 valid RFQs per product and month applies (“market floor”).

If

- the total number of valid RFQs per product and month for an LP is at or below the LP floor and if
- the total number of valid RFQs per product and month for the entire market is at or below the market floor,

then the EBB requirement is considered as fulfilled, regardless of fulfilling the response rate.

2.3.8. Advanced Building Block (ABB)

- (1) The ABB is only fulfilled if the Basis Building Block is fulfilled. Additional Building Blocks might be required as prerequisites if specified in the respective Product Specific Supplement.
- (2) The Monetary incentive associated with the Advanced Building Block is paid based on the monthly performance in the Sliding Scale. The Sliding Scale is a linear regression of the form

$$\text{Rebate\%} = a * \text{SizeQuality} + b * \text{SpreadQuality} + c * n + d * m + e * s$$

~~Factors a, b, c, d, e and b determine the contribution of SizeQuality and SpreadQuality each of the variables in the Rebate equation in to the overall rebate level that can be achieved from the ABB. Factors a and b are defined on product or product group level in the appropriate Product Specific Supplement. They are defined by Eurex Frankfurt and are subject to change under the same framework as any other change to the Product Specific Supplements pursuant to Section 4 (2) of the LPA.~~

- (3) The SpreadQuality is a performance measure based on the average spread in relation to the required spread calculated for all outright instruments quoted by a participant in a product for a day. The SpreadQuality is applicable only to those quotes, which satisfy the constraints regarding the maximum spread and the minimum quote size as defined by the respective Advanced Building Block Requirements of a product. It is calculated on a tick-by-tick basis for each instrument and aggregated per day using time weighted averages of the following ratio.

$$\text{SpreadQuality} = \begin{cases} \frac{\text{Max Spread Allowed} - \text{Quoted Spread}}{\text{Max Spread Allowed} - \text{Tick Size}}, & \text{if Max Spread} > \text{Tick Size} \\ 1, & \text{if Max Spread} = \text{Tick Size} \end{cases}$$

- (4) The SizeQuality is the average size (number of contracts) quoted per product for a given period. It is calculated on a tick-by-tick basis for each instrument and aggregated per day using time weighted averages of the following ratio.

$$\text{SizeQuality} = \left\{ \frac{\text{Quoted Size} - \text{Min Size}}{\text{Factor} * \text{Min Size} - \text{Min Size}}, \text{Factor} \geq 2 \right\}$$

- (5) An advanced building block can be defined for a group of products, if specified in the respective product specific supplement, in which case product group level variables n, m, s can apply. n represents the number of basic building blocks fulfilled in the defined product group. m represents the number of additional instruments quoted outside of the scope of the basic building block across all products in the defined product group, and s is a product group aggregation of calculated performance metrics of the strategy building block as defined in section 2.3.3 of this document. The formula for calculating s is:

$$S = \frac{\sum_{i=1}^n (-V_i + R_i + T_i)}{\sum_{i=1}^n \max(1, N_i)} \text{Formula}$$

For each product i , let V_i denote the number of violations (a violation being a request not responded to as defined in section 2.3.3), R_i the number of responses (as defined in section 2.3.3), T_i the number of responses resulting in a trade within one hour from a valid request (as defined in section 2.3.3), and N_i the total number of valid requests (as defined in section 2.3.3).

—In the case of a product group defined Advanced Building Block, SpreadQuality and SizeQuality become a simple average (Spread Quality) and a weighted average (Size Quality) of product level calculations of the two metrics as defined in 16(3) and (4). The weights applied to Size Quality are based on notional values of the respective contracts and if applicable, are defined in the Product Specific Supplement.

~~(5)~~(6) The threeAll components of Rebate%, $a * SizeQuality$ and $b * SpreadQuality$, $c * n$, $d * m$ and $e * s$ can all be individually capped to a maximum level as specified by Eurex Frankfurt in the respective Product Specific Supplement.

(7) The final monthly rebate from the sliding scale will be calculated as the median measurement of all valid, daily measurements.

~~(6)~~(8) Additional mathematical operators can be defined over any of the variables of the advanced building block, if specified in the respective Product Specific Supplement.

~~(7)~~(9) A measurement can be deemed invalid in the context of exceptional circumstances defined in section 2.2.22.2.2 of this document as well as unrepresentative measurements in which the basic building block requirements in the respective product have not been fulfilled.

2.4. Other Requirements

Liquidity Provider shall identify and mark such orders and/or quotes which can be attributed to the liquidity provisioning under this Agreement. In particular, Liquidity Provider shall fulfil the requirements on the liquidity provision activity pursuant to Number 6.11 of the Guidelines “Transaction reporting, order record keeping and clock synchronisation under MiFID II” (ESMA/2016/1452) issued by ESMA and shall provide the relevant information for Field 7, Field 8 and Field 3, if applicable.

The field tradingCapacity has to be set to the value “6” (Market Making). For details, please see the T7 XML Report Reference Manual.

3. Liquidity Provider Incentives

Liquidity Provider may receive Incentives that can be Monetary and Non-Monetary.

3.1. Monetary Incentives

Monetary Incentives can take the form of, e.g., rebates on transaction fees.

3.1.1. Liquidity Provider Rebates

- (1) Eurex Frankfurt shall provide and Eurex Clearing shall apply Liquidity Provider Rebates on a monthly basis
 - (i) on Liquidity Provider Eligible Transaction Fees pursuant to Paragraph (2)
 - (ii) for providing Liquidity Provider Eligible Volume pursuant to Paragraphs (3) to (5) if (iii) the Liquidity Provider Requirements as stated in Section 0 for a specific product or product group in a given calendar month and (iv) all further requirements of this Section are met.
- (2) Transaction fees, which originate from the matching or the registration of derivatives transactions according to Number 3.1 of the Price List of Eurex Clearing AG ("**Liquidity Provider Eligible Transaction Fees**") are eligible for Liquidity Provider rebates.
- (3) Liquidity Provider Eligible Volume considers all transactions per Eurex Member ID which have been correctly booked on M-Accounts.
- (4) When determining Liquidity Provider Eligible Volume, no volume is considered
 - (i) Which is booked on M-Accounts and is afterwards transferred to A- or P-Accounts of the same Clearing Member, or of a customer of a Clearing Member; or
 - (ii) Which is taken up by any other Clearing Member or a customer of a Clearing Member.
- (5) Only block and multilateral transactions in Eurex EnLight and TES are considered as Liquidity Provider Eligible Volume. Furthermore, Alternative Contract Specifications are not considered in Liquidity Provider Eligible Volume and hence, are not eligible for Liquidity Provider rebates.
- (6) The rebate level applicable to Liquidity Provider Eligible Transaction Fees is subject to the fulfilment of different Building Blocks, which are defined in Section 2.3.

3.1.2. Other Monetary Incentive Schemes

- (1) Liquidity Provider may receive further Monetary Incentives which will be included in the respective Product Specific Supplement.
- (2) If Revenue Sharing applies for a product, the following methodology applies: Liquidity Provider may benefit from the revenue sharing program if the requirements for participation are fulfilled for the respective scheme. The respective share which may be distributed to Liquidity Provider will be determined through the pool of net revenues available ("Revenue Pool") and the applicable distribution scheme ("Distribution Method") which determines the amount to be granted to the Liquidity Provider qualifying for the revenue sharing. Revenue Pool shall refer only to net revenues (i.e.,

transaction fees pursuant to Number 3.1 of the Price List of Eurex Clearing AG paid by all Exchange Participants collected by Eurex Clearing AG minus any rebates granted and license costs paid, if applicable). The revenue sharing may be limited to a certain amount of qualifying Liquidity Providers ("Number of Participants"). If offered, the concrete requirements can be found in the respective Product Specific Supplement.

- (3) VAT on the Revenue Sharing amounts, if applicable, shall be borne by the Liquidity Provider and will be offset against any due and unpaid Revenue Sharing amount.

3.2. Non-Monetary Incentives

- (1) Non-Monetary Incentives take the form of increased limits for the Excessive System Usage (ESU) fee.
- (2) Liquidity Provider shall be eligible for the increased ESU limit on a trading day, if the Stress Presence Building Block per product is fulfilled on that trading day according to the provisions outlined in the General Terms and Conditions to the Agreement on the technical connection and the utilization of the Exchange-EDP of Eurex Deutschland (Connection Agreement) and its Price List.



Appendix: Quotation Parameters for Strategy Building Block

Following table displays the quotation parameters for the SBB as outlined in section 2.3.3.

STRATEGY NAME	STRATEGY SYMBOL	EXPIRATION RANGE	SPREAD MULTIPLIER	QUOTE SIZE/ MULTIPLE OF OUTRIGHT	MONITORING OF RFQ RESPONSE (CE(S)T)
Set 1: Index options (except EURO STOXX 50 Index Options OESX)					
Coverage Requirement: 50%					
Call Spread	BUL	1-5	1	3	09:15-17:25
Call Spread	BUL	6-8	2	3	
Put Spread	BER	1-5	1	3	
Put Spread	BER	6-8	2	3	
Call Butterfly	CBUT	1-8	4	1	
Put Butterfly	PBUT	1-8	4	1	
Call Calendar Spread	BLT	1-5	1	1	
Call Calendar Spread	BLT	1-8	2	1	
Put Calendar Spread	BRT	1-5	1	1	
Put Calendar Spread	BRT	1-8	2	1	
Straddle	STD	1-8	2	1	
Straddle Calendar Spread	STDT	1-5	1	1	
Straddle Calendar Spread	STDT	1-8	2	1	
Strangle	STG	1-8	2	1	
Set 2: Fixed income options					
Coverage Requirement: 50%					
Call Spread	BUL	1-2	1	2	08:15-17:15
Put Spread	BER	1-2	1	2	
Call Butterfly	CBUT	1-2	4	1	
Put Butterfly	PBUT	1-2	4	1	
Call Calendar Spread	BLT	1-2	2	1	
Put Calendar Spread	BRT	1-2	2	1	
Straddle	STD	1-2	2	1	
Call Condor	CCOND	1-2	4	1	
Put Condor	PCOND	1-2	4	1	
Strangle	STG	1-2	2	1	
Set 3: Swiss equity options					
Coverage Requirement: 50%					
Call Spread	BUL	1-5	1	1	

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STRATEGY NAME	STRATEGY SYMBOL	EXPIRATION RANGE	SPREAD MULTIPLIER	QUOTE SIZE/ MULTIPLE OF OUTRIGHT	MONITORING OF RFQ RESPONSE (CE(S)T)
Call Spread	BUL	6-8	2	1	09:15-17:20
Put Spread	BER	1-5	1	1	
Put Spread	BER	6-8	2	1	
Call Butterfly	CBUT	1-8	4	1	
Put Butterfly	PBUT	1-8	4	1	
Call Calendar Spread	BLT	1-5	1	1	
Put Calendar Spread	BRT	1-5	1	1	
Straddle	STD	1-8	2	1	
Straddle Calendar Spread	STDT	1-5	1	1	
Strangle	STG	1-8	2	1	
Set 4: Other equity options					
Coverage Requirement: 50%					
Call Spread	BUL	1-5	1	3	09:15-17:25
Call Spread	BUL	6-8	2	3	
Put Spread	BER	1-5	1	3	
Put Spread	BER	6-8	2	3	
Call Butterfly	CBUT	1-8	4	1	
Put Butterfly	PBUT	1-8	4	1	
Call Calendar Spread	BLT	1-5	1	1	
Put Calendar Spread	BRT	1-5	1	1	
Straddle	STD	1-8	2	1	
Straddle Calendar Spread	STDT	1-5	1	1	
Strangle	STG	1-8	2	1	
Set 5: EURO STOXX 50 Index Options OESX					
Coverage Requirement: 50%					
Call Spread	BUL	1-7	1	3	09:15-17:25
Call Spread	BUL	8-17	2	3	
Put Spread	BER	1-7	1	3	
Put Spread	BER	8-17	2	3	
Call Butterfly	CBUT	1-17	4	1	
Put Butterfly	PBUT	1-17	4	1	
Call Calendar Spread	BLT	1-7	1	1	
Call Calendar Spread	BLT	1-17	2	1	
Put Calendar Spread	BRT	1-7	1	1	
Put Calendar Spread	BRT	1-17	2	1	
Straddle	STD	1-17	2	1	

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STRATEGY NAME	STRATEGY SYMBOL	EXPIRATION RANGE	SPREAD MULTIPLIER	QUOTE SIZE/ MULTIPLE OF OUTRIGHT	MONITORING OF RFQ RESPONSE (CE(S)T)	
Straddle Calendar Spread	STDT	1-7	1	1		
Straddle Calendar Spread	STDT	1-17	2	1		
Strangle	STG	1-17	2	1		
Call Volatility Trade	CALL-U	01- 12	1	3	09:15-17:25	
Put Volatility Trade	PUT+U	01-12	1	3		
Conversion versus Short Underlying	CNV-U	01-12	1	3		
Combo versus Long Underlying	COMBO+U	01-12	1	3		
Put Spread versus Long Underlying	BER+U	01-07	1	3		
Put Spread versus Long Underlying	BER+U	08-12	2	3		
Put Calendar Spread versus Long UL	BRT+U	01-07	1	3		
Put Calendar Spread versus Long UL	BRT+U	01-12	2	3		
Call Spread versus Short Underlying	BUL-U	01-07	1	3		
Call Spread versus Short Underlying	BUL-U	08-12	2	3		
Call Calendar Spread versus Short UL	BLT-U	01-07	1	3		
Call Calendar Spread versus Short UL	BLT-U	01-12	2	3		
Set 6: DAX/SMI options, ODAX/OSMI						
Coverage Requirement: 50%						
Call Spread	BUL	1-5	1	3	09:15-17:25	
Call Spread	BUL	6-10	2	3		
Put Spread	BER	1-5	1	3		
Put Spread	BER	6-10	2	3		
Call Butterfly	CBUT	1-10	4	1		
Put Butterfly	PBUT	1-10	4	1		
Call Calendar Spread	BLT	1-5	1	1		
Call Calendar Spread	BLT	1-10	2	1		
Put Calendar Spread	BRT	1-5	1	1		
Put Calendar Spread	BRT	1-10	2	1		
Straddle	STD	1-10	2	1		
Straddle Calendar Spread	STDT	1-5	1	1		
Straddle Calendar Spread	STDT	1-10	2	1		
Strangle	STG	1-10	2	1		