

Document title

PRICE LIMITS AND TRADE INVALIDATION VALUE RANGES

Document type or subject

EURONEXT DERIVATIVES MARKETS

Date

23 Aug 2019

Number of pages

43

Author

Carolina Rodrigues

This document is for information purposes only. The information and materials contained in this document are provided 'as is' and Euronext does not warrant the accuracy, adequacy or completeness and expressly disclaims liability for any errors or omissions. This document is not intended to be, and shall not constitute in any way a binding or legal agreement, or impose any legal obligation on Euronext. This document and any contents thereof, as well as any prior or subsequent information exchanged with Euronext in relation to the subject matter of this presentation, are confidential and are for the sole attention of the intended recipient. Except as described below, all proprietary rights and interest in or connected with this publication shall vest in Euronext. No part of it may be redistributed or reproduced without the prior written permission of Euronext. Portions of this presentation may contain materials or information copyrighted, trademarked or otherwise owned by a third party. No permission to use these third party materials should be inferred from this presentation.

Euronext refers to Euronext N.V. and its affiliates. Information regarding trademarks and intellectual property rights of Euronext is located at <https://www.euronext.com/terms-use>.

PRICE LIMITS

In respect of futures contracts, value ranges for Price Limits and trade invalidations are expressed as a number of ticks (unless otherwise specified) from the Price Limit Reference Price or PLRP. For instance, a value range of “14” for Futures indicates a limit bid which is 7 ticks above the PLRP and a limit offer which is 7 ticks below the PLRP e.g. if the PLRP is 99.54 the offer limit will be 99.47 and the bid limit 99.61. The value ranges expressed are the “normal” settings, although the ranges can be widened.

For the majority of futures contracts the PLRP for the most active contract month (“the blue month”) is the last traded price (or subsequent offers below/bids above that price). For all other contract months, the PLRP is a fair value for that contract month, with the fair value being calculated in real time from outright and implied spread relationships with the blue month. By taking their lead from the most active contract month, the price limits in other months remain up-to-date and therefore do not interrupt normal trading. This method of calculating the PLRP is referred to in the [Euronext Trading Procedures](#) as the “Central Order Book price method”, at **Euronext Trading Procedure 2.1.3.**

For some futures (e.g. single stock futures) contracts and currency futures contracts, the PLRP is calculated by Euronext as the price of the underlying security plus the cost of carry for each contract month. This method of calculating the PLRP is referred to in the Euronext Trading Procedures as the “theoretical fair value method”, at **Euronext Trading Procedure 2.1.4.**

Options Price Limits operate in broadly the same way as those for futures contracts. In the case of options contracts the “theoretical fair value method” is used. Euronext calculates a fair value price (PLRP) to which a spread value range is applied, outside of this range orders are rejected by the Trading Host. The width of the spread range is calculated by reference to a fair value price. Price Limits for options contracts are described in **Euronext Trading Procedure 2.1.6.**

The value ranges expressed are the “normal” settings, although the ranges can be widened.

The PLRP from the outright legs are used to calculate the PLRP for a strategy. For the strategy value ranges multipliers are used. Strategy Multipliers are a percentage of the value ranges in the outright strikes.

The option price for a delta neutral trade strategy order, should be at or within the set price limit range at submission of the order. The Delta used for a Delta Neutral strategy order should be within the maximum deviation of 10 delta points of the Euronext calculated delta.

SPIKING LIMITS

A Futures contract that uses Market Priced style price limits can additionally be configured to support Spiking Price Limits. The purpose of Spiking Price Limits is to apply a certain amount of ‘inertia’ to the movement of Dynamic Price Limits when the reference price is rapidly moving either up or down and constantly hitting the existing price limits. In this case, normal (i.e. non-spiking) price limits policy applies until the spiking functionality is triggered. Spiking is triggered when, as a result of orders trading in the Blue month, the Blue Month PLRP is moved to the lower or upper Outer Price Limit, and this occurs twice within a configured maximum triggered time.

Spiking Price Limits are then in operation for all expiries in the contract, until a Market Control Analyst switches spiking off and the contract is returned to normal price limits.

Spiking Price Limits cannot be triggered during Pre-Open or Uncrossing. When Spiking Price Limits have been triggered the Outer Price Limit Spread on the opposite side to the direction of the market move is doubled. The outer price limit spread on the side of the market move is adjusted by a spread offset according to the number of times the PLRP hits the outer price limit. Note that this means spiking price limits are not symmetrical around PLRP.

Note

When Spiking Price Limits are active the current Price Limit Multiplier is taken into account when calculating any new limits – e.g. if the Price Limit Multiplier is set to Wide then the Wide multiplier will be applied to the basic price limit spread prior to being used by the Spiking Price Limit calculation algorithm.

TRADE INVALIDATION

Euronext's arrangements in respect of trade invalidations are governed **by section 3.5 of the Euronext Trading Procedures** and associated implementing notice. The fundamental principle underlying the policy is that Price Limits prevent the vast majority of trades at unrepresentative prices and trades should be allowed to stand, and the market be allowed to operate without intervention by Euronext, except where exceptional circumstances dictate otherwise.

Euronext will not ordinarily invalidate trades that have occurred at prices within the value ranges set out in this document. An exception to this would be where the value range for the contract concerned temporarily failed to reflect the contract's fair value. In such exceptional circumstances, Euronext would be able to invalidate trades at unrepresentative prices, or orders which may give rise to trades at unrepresentative prices, if executed, irrespective of whether such trades (or orders) fell within or outside the contract's current value range. In so doing, Euronext exercises its discretion in order to fulfil its regulatory obligation to maintain fair and orderly markets.

INDEX FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
AEX-Index	120 (€6)	40%	30%
AEX-Index Mini	120 (€6)	40%	30%
AEX Dividend Index	30 (€3)	40%	30%
AMX Index	80 (€8)	40%	30%
BEL 20 Index	800 (€80)	40%	30%
CAC 40 Index	60 (€30)	40%	30%
CAC 40 Index Mini	60 (€30)	40%	30%
CAC 40 Dividend Index	300 (€30)	40%	30%
FTSE EPRA Euro Zone	60 (€60)	40%	30%
FTSE EPRA Europe	60 (€60)	40%	30%
FTSE Eurofirst 80	60 (€60)	40%	30%
FTSE Eurofirst 100	60 (€60)	40%	30%
Morningstar Eurozone 50 Price Index	3,000 (€30)	40%	30%
PSI 20 Index	80 (€90)	40%	30%

* The Price Limit Reference Price for price limits for these contracts (excluding the Euro/Dollar contracts) is calculated using the Central Order Book method.

Price Limits and Trade Invalidation Value Ranges Exchange For Physicals (EFP) Strategies 'm':

CAC 40® EFP PLRP ± 3.00

AEX-Index® EFP PLRP ± 0.50

Price Limits and Trade Invalidation Value Ranges for Total Return Futures (TRF):

CAC 40® TRF PLRP ± 100 bps (for both TAIC and TAM trade)

CURRENCY FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Euro/US Dollar	400 (\$4)	40%	30%
GBP/US Dollar	400 (\$4)	40%	30%
GBP/Euro	400 (€4)	40%	30%

*The Price Limit Reference Price for price limits for these contracts is calculated using the Theoretical Fair Value method

COMMODITY FUTURES*

Contract	Outright Months Value Range	Strategy Multiplier - Calendar Spreads	Strategy Multiplier - Others
Blé De Meunerie En Euro (Milling Wheat)	48 (€12)	40%	30%
Colza En Euro (Rapeseed)	96 (€24)	40%	30%
Future Mais (Corn)	48 (€12)	40%	30%
Granulés de Bois en Euro (Residential Wood Pellets)	48 (€12)	40%	30%
Huile de Colza en Euro (Rapeseed Oil)	192 (€48)	40%	30%
Nitrogen Fertiliser (UAN 30)	48 (€12)	40%	30%
Paris Real Estate	100(€100)	40%	30%
Skimmed Milk Powder	384 (€96)	40%	30%
Sweet Whey Food Grade	192 (€48)	40%	30%
Tourteau de Colza en Euro (Rapeseed Meal)	96 (€24)	40%	30%
Unsalted Lactic Butter	384 (€96)	40%	30%

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

AMSTERDAM SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Aalberts NV	€ 0.40	40%	30%	STMicroelectronics	€ 0.20	40%	30%
ABN AMRO	€ 0.40	40%	30%	TNT Express NV	€ 0.20	40%	30%
Aegon NV	€ 0.20	40%	30%	Unibail	€ 2.00	40%	30%
Ahold Delhaize	€ 0.40	40%	30%	Unilever NV	€ 0.80	40%	30%
Akzo Nobel NV	€ 1.60	40%	30%	Vopak, Koninklijke	€ 0.80	40%	30%
ArcelorMittal SA	€ 0.40	40%	30%	Wereldhave NV	€ 1.60	40%	30%
ASML Holding NV	€ 1.60	40%	30%	Wolters Kluwer NV	€ 0.40	40%	30%
BE Semiconducteur Industries	€ 0.20	40%	30%				
Boskalis Westminster NV, Koninklijke	€ 0.80	40%	30%				
DSM NV, Koninklijke	€ 0.80	40%	30%				
Fugro NV	€ 0.80	40%	30%				
Heineken NV	€ 0.80	40%	30%				
Heineken Holding NV	€ 1.60	40%	30%				
ING Groep NV	€ 0.40	40%	30%				
Klepierre SA	€ 0.40	40%	30%				
NN Group	€ 0.80	40%	30%				
OCI NV	€ 0.80	40%	30%				
Philips NV, Koninklijke	€ 0.40	40%	30%				
Postnl NV	€ 0.10	40%	30%				
Randstad NV	€ 0.80	40%	30%				
Reed Elsevier NV	€ 0.40	40%	30%				
Royal Dutch Shell PLC A	€ 0.80	40%	30%				
Royal Imtech NV	€ 0.10	40%	30%				
Royal KPN NV	€ 0.10	40%	30%				
SBM Offshore NV	€ 0.40	40%	30%				

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method

PARIS SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Accor SA	€ 0.80	40%	30%	L'Oreal SA	€ 2.00	40%	30%
Air France - KLM	€ 0.40	40%	30%	LVMH Moet Hennessy Louis V	€ 8.00	40%	30%
Air Liquide	€ 1.60	40%	30%	Michelin	€ 2.00	40%	30%
Airbus Group	€ 2.00	40%	30%	Natixis	€ 0.20	40%	30%
Alcatel-Lucent SA	€ 0.10	40%	30%	Neopost SA	€ 0.40	40%	30%
Alstom RGPT	€ 0.40	40%	30%	Orange SA	€ 0.40	40%	40%
Arkema SA	€ 1.60	40%	30%	Pernod	€ 2.00	40%	30%
Atos SE	€ 1.60	40%	30%	Peugeot SA	€ 0.40	40%	30%
AXA SA	€ 0.40	40%	30%	Publicis Groupe	€ 1.60	40%	30%
Biomerieux SA	€ 1.60	40%	30%	Remy Cointreau SA	€ 2.00	40%	30%
BNP Paribas	€ 0.80	40%	30%	Renault SA	€ 1.60	40%	30%
Bouygues	€ 0.80	40%	30%	Safran SA	€ 2.00	40%	30%
Bureau Veritas SA	€ 0.40	40%	30%	Saint Gobain	€ 0.80	40%	30%
Capgemini	€ 1.60	40%	30%	Sanofi	€ 1.60	40%	30%
Carrefour SA	€ 0.40	40%	30%	Schneider Electric SA	€ 1.60	40%	30%
Casino Guichard Perrachon SA	€ 0.80	40%	30%	Scor SE	€ 0.40	40%	30%
CNP Assurances SA	€ 0.40	40%	30%	SEB SA	€ 2.00	40%	30%
Credit Agricole SA	€ 0.40	40%	30%	SES SA	€ 0.40	40%	30%
Danone	€ 1.60	40%	30%	Societe BIC SA	€ 1.60	40%	30%
Dassault Systemes	€ 2.00	40%	30%	Societe Generale	€ 0.80	40%	30%
Edenred SA	€ 0.80	40%	30%	Sodexo SA	€ 1.60	40%	30%
Eiffage SA	€ 1.60	40%	30%	Stmicroelectronics NV	€ 0.40	40%	30%
Electricite De France	€ 0.40	40%	30%	Suez Environment SA	€ 0.40	40%	30%
EssilorLuxottica	€ 1.60	40%	30%	Technip SA	€ 0.40	40%	30%
Eutelsat Communications	€ 0.40	40%	30%	Teleperformance SA	€ 2.00	40%	30%
Eurazeo	€ 1.60	40%	30%	Thales SA	€ 2.00	40%	30%
Getlink SE	€ 0.40	40%	30%	Total SA	€ 0.80	40%	30%
Havas SA	€ 0.20	40%	30%	Valeo SA	€ 0.80	40%	30%
Hermes International	€ 8.00	40%	30%	Vallourec SA	€ 0.20	40%	30%
Icade SA	€ 1.60	40%	30%	Veolia Environnement	€ 0.40	40%	30%
JC Decaux SA	€ 0.80	40%	30%	Vinci SA	€ 1.60	40%	30%
Kering	€ 8.00	40%	30%	Vivendi SA	€ 0.40	40%	40%
Klepierre SA	€ 0.80	40%	30%	Wendel SA	€ 2.00	40%	30%
La Farge SA	€ 1.60	40%	30%	Television Francaise 1	€ 0.20	40%	30%
La Gardere SCA	€ 0.40	40%	30%				
Legrand SA	€ 1.60	40%	30%				

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method

BRUSSELS / LISBON SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Ackermans & Van Haaren	€ 1.60	40%	30%	CTT - Correios D Portugal	€ 0.10	40%	30%
Anheuser-Busch InBev	€ 1.60	40%	30%	Energias de Portugal	€ 0.10	40%	30%
Ageas NV	€ 0.80	40%	30%	GALP Energia SGPA	€ 0.40	40%	30%
Befimmo SCA	€ 1.60	40%	30%	Jerónimo Martins, SGPS	€ 0.40	40%	30%
Bekaert	€ 0.40	40%	30%	Portucel	€ 0.10	40%	30%
Belgacom	€ 0.40	40%	30%	Portugal Telecom Stock Future	€ 0.10	40%	30%
BPost	€ 0.40	40%	30%	Rede Energéticas Nacionais	€ 0.10	40%	30%
Colruyt	€ 1.60	40%	30%	Semapa	€ 0.40	40%	30%
D'leteren	€ 0.80	40%	30%	Sonae Stock Future	€ 0.10	40%	30%
Elia System Operator	€ 1.60	40%	30%	ZON Optimus	€ 0.20	40%	30%
Galapagos	€ 2.00	40%	30%				
Groupe Bruxelles Lambert	€ 1.60	40%	30%				
KBC Groep	€ 0.80	40%	30%				
Mobistar SA	€ 0.40	40%	30%				
Solvay SA	€ 2.00	40%	30%				
Telenet Group Holding	€ 1.60	40%	30%				
UCB SA	€ 1.60	40%	30%				
Umicore	€ 0.80	40%	30%				

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method.

AUSTRIAN SINGLE STOCK FUTURES*

FINNISH SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER – CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Andritz AG	€ 0.80	40%	30%	Elisa OYJ	€ 0.40	40 %	30 %
Erste Group Bank AG	€ 0.40	40%	30%	Forum OYJ	€ 0.40	40%	30%
OMV AG	€ 0.80	40%	30%	Kone OYJ	€ 0.80	40%	30%
Raiffeisen Bank International AG	€ 0.40	40%	30%	Metso OYJ	€ 0.80	40%	30%
Vienna Insurance Group AG	€ 0.80	40%	30%	Neste Oil OYJ	€ 0.80	40%	30%
Voestalpine AG	€ 0.80	40%	30%	Nokia OYJ	€ 0.20	40%	30%
Wienerberger AG	€ 0.40	40%	30%	Nokian Renkaat OYJ	€ 0.80	40%	30%
				Outotec OYJ	€ 0.20	40%	30%
				Sampo A	€ 0.80	40%	30%
				Stora Enso R	€ 0.20	40%	30%
				UPM-Kymmene OYJ	€ 0.40	40%	30%
				Wartsila OYJ ABP	€ 0.20	40%	30%
				YIT OYJ	€ 0.20	40%	30%

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method.

ITALIAN SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Assicurazioni Generali SpA	€ 0.40	40%	30%
Atlantia SpA	€ 0.40	40%	30%
Azimut Holding SpA	€ 0.40	40%	30%
Banco BPM	€ 0.10	40%	30%
Davide Campari-Milano SpA	€ 0.20	40%	30%
Intesa Sanpaolo SpA	€ 0.10	40%	30%
Enel SpA	€ 0.10	40%	30%
ENI SpA	€ 0.40	40%	30%
Italgas	€ 0.10	40%	30%
Leonardo SpA	€ 0.20	40%	30%
Prysmian SpA	€ 0.40	40%	30%
Saipem SpA	€ 0.10	40%	30%
Snam SpA	€ 0.10	40%	30%
Telecom Italia SpA	€ 0.10	40%	30%
Tenaris SA	€ 0.40	40%	30%
Terna SpA	€ 0.10	40%	30%
Unicredit SpA	€ 0.40	40%	30%

IRISH SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Assicurazioni Generali SpA	€ 0.40	40%	30%	CRH PLC	€ 0.40	40%	30%
Atlantia SpA	€ 0.40	40%	30%	Kerry Group PLC	€ 1.60	40%	30%
Azimut Holding SpA	€ 0.40	40%	30%	Kingspan Group	€ 0.40	40%	30%
Banco BPM	€ 0.10	40%	30%				
Davide Campari-Milano SpA	€ 0.20	40%	30%				
Intesa Sanpaolo SpA	€ 0.10	40%	30%				
Enel SpA	€ 0.10	40%	30%				
ENI SpA	€ 0.40	40%	30%				
Italgas	€ 0.10	40%	30%				
Leonardo SpA	€ 0.20	40%	30%				
Prysmian SpA	€ 0.40	40%	30%				
Saipem SpA	€ 0.10	40%	30%				
Snam SpA	€ 0.10	40%	30%				
Telecom Italia SpA	€ 0.10	40%	30%				
Tenaris SA	€ 0.40	40%	30%				
Terna SpA	€ 0.10	40%	30%				
Unicredit SpA	€ 0.40	40%	30%				

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method.

GERMAN SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS	CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Adidas AG	€ 1.60	40%	30%	Lanxess AG	€ 0.80	40%	30%
Allianz SE	€ 2.00	40%	30%	Linde AG	€ 2.00	40%	30%
Aurubis AG	€ 0.80	40%	30%	Merck KGaA	€ 1.60	40%	30%
Axel Springer SE	€ 0.80	40%	30%	MTU Aero Engines AG	€ 1.60	40%	30%
BASF SE	€ 1.60	40%	30%	Muenchener Rueckversicherung	€ 2.00	40%	30%
Bayer AG	€ 1.60	40%	30%	Porsche Automobil Holding	€ 1.60	40%	30%
Bayerische Motoren Werke AG	€ 1.60	40%	30%	ProSieben Sat 1 Media AG	€ 0.80	40%	30%
Beiersdorf AG	€ 1.60	40%	30%	Rheinmetall AG	€ 0.80	40%	30%
Bilfinger SE	€ 1.60	40%	30%	Rhön-Klinikum AG	€ 0.40	40%	30%
Brenntag AG	€ 0.80	40%	30%	RWE AG	€ 0.80	40%	30%
Ceconomy	€ 0.80	40%	30%	Salzgitter AG	€ 0.80	40%	30%
Commerzbank AG	€ 0.20	40%	30%	SAP AG	€ 1.60	40%	30%
Continental AG	€ 2.00	40%	30%	Siemens AG	€ 1.60	40%	30%
Daimler AG	€ 1.60	40%	30%	Südzucker AG	€ 0.40	40%	30%
Deutsche Bank AG	€ 0.40	40%	30%	Software AG	€ 0.40	40%	30%
Deutsche Boerse AG	€ 1.60	40%	30%	Symrise AG	€ 0.80	40%	30%
Deutsche Lufthansa AG	€ 0.40	40%	30%	ThyssenKrupp AG	€ 0.40	40%	30%
Deutsche Post AG	€ 0.40	40%	30%	United Internet AG	€ 0.80	40%	30%
Deutsche Telekom AG	€ 0.40	40%	30%	Volkswagen AG - PREF	€ 2.00	40%	30%
E.ON SE	€ 0.20	40%	30%				
Fraport AG	€ 0.80	40%	30%				
Fresenius SE & Co KGaA	€ 0.80	40%	30%				
Fresenius Medical Care AG	€ 1.60	40%	30%				
Fuchs Petrolub AG - PREF	€ 0.80	40%	30%				
GEA Group AG	€ 0.80	40%	30%				
Gerresheimer AG	€ 1.60	40%	30%				
Hannover Rück SE	€ 1.60	40%	30%				
HeidelbergCement AG	€ 1.60	40%	30%				
Henkel AG & CO KGaA - PREF	€ 1.60	40%	30%				
Hochtief AG	€ 1.60	40%	30%				
Hugo Boss AG	€ 2.00	40%	30%				
Infineon Technologies AG	€ 0.20	40%	30%				
K+S AG	€ 0.40	40%	30%				

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method.

SPANISH SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Acciona SA	€ 1.60	40%	30%
ACS Actividades Cons y Serv	€ 0.80	40%	30%
Amadeus IT Holding SA	€ 0.80	40%	30%
Banco Bilbao Vizcaya Argenta SA	€ 0.20	40%	30%
Banco Santander SA	€ 0.20	40%	30%
Bankinter SA	€ 0.20	40%	30%
CaixaBank SA	€ 0.10	40%	30%
Distribuidora Internacional de Alimentación SA	€ 0.20	40%	30%
Ebro Foods SA	€ 0.40	40%	30%
Enagas SA	€ 0.80	40%	30%
Endesa SA	€ 0.80	40%	30%
Ferrovial SA	€ 0.40	40%	30%
Iberdrola SA	€ 0.20	40%	30%
Inditex SA	€ 0.40	40%	30%
Indra Sistemas SA	€ 0.40	40%	30%
Mapfre SA	€ 0.40	40%	30%
Naturgy Energy Group SA	€ 0.40	40%	30%
Obrascon Huarte Lain SA	€ 0.80	40%	30%
Red Eléctrica Corporacion SA	€ 1.60	40%	30%
Repsol SAIndra	€ 0.40	40%	30%
Tecnicas Reunidas SA	€ 0.80	40%	30%
Telefónica SA	€ 0.40	40%	30%
Viscofan SA	€ 0.80	40%	30%
Zardoya Otis SA	€ 0.40	40%	30%

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method.

SWEDISH SINGLE STOCK FUTURES*

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
ABB	SEK 1.00	40%	30%
Alfa Laval	SEK 1.00	40%	30%
Assa Abloy B	SEK 1.00	40%	30%
Atlas Copco A	SEK 1.00	40%	30%
Boliden	SEK 1.00	40%	30%
Electrolux B	SEK 1.00	40%	30%
Elekta B	SEK 0.80	40%	30%
Ericsson B	SEK 0.80	40%	30%
Getinge B	SEK 1.00	40%	30%
Hennes & Mauritz B	SEK 1.00	40%	30%
Hexagon B	SEK 1.00	40%	30%
Investor B	SEK 1.00	40%	30%
Kinnevik B	SEK 1.00	40%	30%
Modern Times Group B	SEK 1.00	40%	30%
Nordea Bank ABP	SEK 1.00	40%	30%
Sandvik	SEK 0.80	40%	30%
SCA B	SEK 1.00	40%	30%
Securitas B	SEK 1.00	40%	30%
Skanska B	SEK 1.01	40%	30%
SKF B	SEK 1.00	40%	30%
Svenska Handelsbanken A	SEK 1.00	40%	30%
Swedbank A	SEK 1.00	40%	30%
Swedish Match	SEK 1.00	40%	30%
Tele2 B	SEK 1.00	40%	30%
TeliaSonera	SEK 0.80	40%	30%
Trelleborg B	SEK 1.00	40%	30%
Volvo B	SEK 1.00	40%	30%

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Theoretical Fair Value method

DANISH SINGLE STOCK FUTURES

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
AP Moller - Maersk B	DKK 200.00	40%	30%
Carlsberg B	DKK 16.00	40%	30%
Chr. Hansen Holding	DKK 8.00	40%	30%
Coloplast B	DKK 16.00	40%	30%
Danske Bank	DKK 2.00	40%	30%
DSV	DKK 2.00	40%	30%
FLSmidth & Co	DKK 8.00	40%	30%
GN Store Nord	DKK 2.00	40%	30%
Novo Nordisk B	DKK 8.00	40%	30%
Novozymes B	DKK 8.00	40%	30%
Tryg	DKK 2.00	40%	30%

NORWEGIAN SINGLE STOCK FUTURES

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Akastor	NOK 0.40	40%	30%
DNB	NOK 2.00	40%	30%
Equinor	NOK 2.00	40%	30%
Marine Harvest	NOK 1.60	40%	30%
Norsk Hydro	NOK 0.80	40%	30%
Orkla	NOK 1.60	40%	30%
Petroleum Geo-Services	NOK 0.80	40%	30%
Telenor	NOK 2.00	40%	30%
TGS Nopec Geophysical Company	NOK 2.00	40%	30%
Yara International	NOK 8.00	40%	30%

SWISS SINGLE STOCK FUTURES

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
ABB - Stock Future	CHF 0.40	40%	30%
Clariant - Stock Future	CHF 0.40	40%	30%
Logitech International - Stock Future	CHF 0.40	40%	30%
UBS Group - Stock Future	CHF 0.40	40%	30%
Credit Suisse Group - Stock Future	CHF 0.80	40%	30%
Adecco - Stock Future	CHF 1.60	40%	30%
Compagnie Financiere Richemont - Stock Future	CHF 1.60	40%	30%
Julius Baer Gruppe - Stock Future	CHF 1.60	40%	30%
Nestle - Stock Future	CHF 1.60	40%	30%
Novartis - Stock Future	CHF 1.60	40%	30%
Sulzer - Stock Future	CHF 1.60	40%	30%
Swiss Re - Stock Future	CHF 1.60	40%	30%
Flughafen Zürich - Stock Future	CHF 16.00	40%	30%
Swisscom - Stock Future	CHF 16.00	40%	30%
Baloise Holding - Stock Future	CHF 2.00	40%	30%
Kühne + Nagel International - Stock Future	CHF 2.00	40%	30%
Lonza Group - Stock Future	CHF 2.00	40%	30%
Schindler Holding - Stock Future	CHF 2.00	40%	30%
Sonova Holding - Stock Future	CHF 2.00	40%	30%
Givaudan - Stock Future	CHF 20.00	40%	30%
SGS - Stock Future	CHF 20.00	40%	30%
Sika - Stock Future	CHF 1.00	40%	30%
Partners Group Holding - Stock Future	CHF 8.00	40%	30%
Roche Holding - Stock Future	CHF 8.00	40%	30%
The Swatch Group (Bearer shares) - Stock Future	CHF 8.00	40%	30%
Zurich Insurance Group - Stock Future	CHF 8.00	40%	30%

UK SINGLE STOCK FUTURES

CONTRACT	OUTRIGHT MONTHS VALUE RANGE	STRATEGY MULTIPLIER - CALENDAR SPREADS	STRATEGY MULTIPLIER - OTHERS
Aggreko - Stock Future	GBX 20.00	40%	30%
Aviva - Stock Future	GBX 8.00	40%	30%
BAE Systems - Stock Future	GBX 8.00	40%	30%
Barclays - Stock Future	GBX 8.00	40%	30%
BP - Stock Future	GBX 16.00	40%	30%
British American Tobacco - Stock Future	GBX 80.00	40%	30%
BT Group - Stock Future	GBX 2.00	40%	30%
Centrica - Stock Future	GBX 8.00	40%	30%
Cobham - Stock Future	GBX 8.00	40%	30%
Diageo - Stock Future	GBX 20.00	40%	30%
Fresnillo - Stock Future	GBX 16.00	40%	30%
GlaxoSmithKline - Stock Future	GBX 20.00	40%	30%
Glencore - Stock Future	GBX 2.00	40%	30%
HSBC Holdings - Stock Future	GBX 16.00	40%	30%
John Wood Group - Stock Future	GBX 16.00	40%	30%
Kingfisher - Stock Future	GBX 8.00	40%	30%
Legal & General Group - Stock Future	GBX 8.00	40%	30%
Morrison (WM) Supermarkets - Stock Future	GBX 2.00	40%	30%
National Grid - Stock Future	GBX 16.00	40%	30%
Pearson - Stock Future	GBX 20.00	40%	30%
Petrofac - Stock Future	GBX 16.00	40%	30%
Polyus Gold International - Stock Future	GBX 2.00	40%	30%
RELX plc - Stock Future	GBX 20.00	40%	30%
Rentokil Initial - Stock Future	GBX 2.00	40%	30%

Price Limits and Trade Invalidation Value Ranges

Sainsbury (J) - Stock Future	GBX 8.00	40%	30%
Smith & Nephew - Stock Future	GBX 20.00	40%	30%
Tesco - Stock Future	GBX 2.00	40%	30%
Vodafone Group - Stock Future	GBX 2.00	40%	30%
WPP - Stock Future	GBX 20.00	40%	30%
Anglo American - Stock Future	GBX 16.00	40%	30%
Associated British Foods - Stock Future	GBX 80.00	40%	30%
AstraZeneca - Stock Future	GBX 80.00	40%	30%
BHP Billiton - Stock Future	GBX 20.00	40%	30%
Cairn Energy - Stock Future	GBX 2.00	40%	30%
Compass Group - Stock Future	GBX 20.00	40%	30%
Drax Group - Stock Future	GBX 8.00	40%	30%
Experian - Stock Future	GBX 20.00	40%	30%
Firstgroup - Stock Future	GBX 2.00	40%	30%
G4S - Stock Future	GBX 8.00	40%	30%
ICAP - Stock Future	GBX 16.00	40%	30%
Imperial Tobacco Group - Stock Future	GBX 80.00	40%	30%
Intertek Group - Stock Future	GBX 20.00	40%	30%
Marks & Spencer Group - Stock Future	GBX 16.00	40%	30%
Prudential - Stock Future	GBX 20.00	40%	30%
Reckitt Benckiser Group - Stock Future	GBX 80.00	40%	30%
Rio Tinto - Stock Future	GBX 80.00	40%	30%
Rolls-Royce Holdings - Stock Future	GBX 16.00	40%	30%
Sky - Stock Future	GBX 20.00	40%	30%
Smiths Group - Stock Future	GBX 20.00	40%	30%
Standard Chartered - Stock Future	GBX 20.00	40%	30%
Standard Life Aberdeen- Stock Future	GBX 8.00	40%	30%
Tullow Oil - Stock Future	GBX 8.00	40%	30%
Ferguson - Stock Future	GBX 80.00	40%	30%

PARIS SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT	OUTRIGHT	OUTRIGHT	CONTRACT	CODE	OUTRIGHT	OUTRIGHT	OUTRIGHT
		VALUE RANGE	VALUE RANGE	VALUE RANGE			VALUE RANGE	VALUE RANGE	VALUE RANGE
		FROM PLRP*	FROM PLRP*	FROM PLRP*			FROM PLRP*	FROM PLRP*	FROM PLRP*
		1 YEAR IN €	2&3 YEARS IN €	4&5 YEARS IN €			1 YEAR IN €	2&3 YEARS IN €	4&5 YEARS IN €
Accor SA	AC8	0.40	0.60	0.80	Orange SA	FT8	0.40	0.60	0.80
Air Liquide	AI8	0.80	1.20	1.60	Pernod-Ricard	RI8	0.80	1.20	1.60
Airbus Group	EA8	0.60	0.90	1.20	Peugeot	UG8	0.20	0.30	0.40
Alstom	AL8	0.20	0.30	0.40	Publicis Groupe	PU8	0.40	0.60	0.80
Axa SA	CS8	0.40	0.60	0.80	Renault SA	RN8	0.60	0.90	1.20
BNP Paribas	BN8	0.60	0.90	1.20	Safran SA	SM8	0.60	0.90	1.20
Bouygues	EN8	0.60	0.90	1.20	Saint-Gobain	SG8	0.60	0.90	1.20
Capgemini	CP8	0.60	0.90	1.20	Sanofi	SA8	0.80	1.20	1.60
Carrefour SA	CA8	0.40	0.60	0.80	Schneider Electric	SU8	0.60	0.90	1.20
Casino Guichard P.	CG8	0.80	1.20	1.60	Scor SE	SC8	0.60	0.90	1.20
Crédit Agricole	CR8	0.20	0.30	0.40	Société Générale	GL8	0.60	0.90	1.20
Danone	DA8	0.60	0.90	1.20	Suez Environnement	SE8	0.40	0.60	0.80
Electricité de France	DF8	0.60	0.90	1.20	Technip SA	TE8	0.40	0.60	0.80
EssilorLuxottica	EF8	0.60	0.90	1.20	Total SA	TO8	0.80	1.20	1.60
Eutelsat Communications	EC8	0.80	1.20	1.60	Valeo SA	FR8	0.80	1.20	1.60
GDF Suez	GA8	0.40	0.60	0.80	Vallourec SA	VA8	0.40	0.60	0.80
Bolloré	HA8	0.20	0.30	0.40	Veolia Environnement	VI8	0.40	0.60	0.80
Klepierre	LI8	0.20	0.30	0.40	Vinci SA	DG8	0.80	1.20	1.60
Kering	KR8	0.80	1.20	1.60	Vivendi SA	EX8	0.20	0.30	0.40
Lagardère S.C.A	MM8	0.60	0.90	1.20					
Legrand SA	LR8	0.60	0.90	1.20					
L'Oréal SA	OR8	0.80	1.20	1.60					
LVMH	MC8	1.00	1.50	2.00					
Michelin	ML8	0.80	1.20	1.60					
Natixis	KN8	0.20	0.30	0.40					

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

AMSTERDAM SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
Aalberts NV	AA8	0.20	0.30	0.40
Aegon	AE8	0.20	0.30	0.40
Ahold Delhaize	AH8	0.20	0.30	0.40
Akzo Nobel	AK8	0.60	0.80	1.20
ArcelorMittal	MT8	0.20	0.30	0.40
ASML Holding	AS8	0.40	0.60	0.80
Fugro	FU8	0.20	0.30	0.40
Heineken	HE8	0.40	0.60	0.80
Hermes International	HI8	1.00	1.50	2.00
ING Group	IN8	0.20	0.30	0.40
Koninklijke DSM	DS8	0.60	0.90	1.20
Koninklijke KPN	KP8	0.20	0.30	0.40
Koninklijke Philips	PH8	0.40	0.60	0.80
NN Group	NN8	0.60	0.90	1.20
Randstad	RA8	0.60	0.90	1.20
Reed Elsevier	RE8	0.40	0.60	0.80
Royal Boskalis	BO8	0.60	0.90	1.20
Royal Dutch Shell	RD8	0.60	0.90	1.20
SBM Offshore	SB8	0.60	0.90	1.20
TNT Express	TN8	0.20	0.30	0.40
Unibail-Rodamco-Westfield	UB8	6.00	9.00	12.00
Unilever	UN8	0.60	0.90	1.20
Vopak	VP8	0.40	0.60	0.80
Wolters Kluwer	WK8	0.40	0.60	0.80

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

BRUSSELS SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
Ackermans & van Haaren	AV8	0.60	0.90	1.20
Ageas SA/NV	AG8	0.60	0.90	1.20
Anheuser-Busch InBev	BB8	0.80	1.20	1.60
Befimmo	QS8	0.40	0.60	0.80
Bekaert	BE8	0.40	0.60	0.80
BELGACOM	BL8	0.60	0.90	1.20
BPost	PJ8	0.60	0.90	1.20
Colruyt SA	CO8	0.60	0.90	1.20
D Ieteren	IE8	0.40	0.60	0.80
Elia Sys Operator SA NV	ES8	0.60	0.90	1.20
Grpe Bruxelles Lambert	GB8	0.80	1.20	1.60
KBC	KB8	0.60	0.90	1.20
Solvay SA	SO8	0.80	1.20	1.60
UCB S.A.	UC8	0.60	0.90	1.20
UMICORE	UM8	0.60	0.90	1.20

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

LISBON SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
GALP ENERGIA SGPS	GE8	0.20	0.30	0.40
PORTUCEL-EMPRESA PRODUTORA DE PASTA	PO8	0.20	0.30	0.40
SEMAPA SOC INVEST E GESTAO SGPS	SP8	0.20	0.30	0.40

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

AUSTRIAN SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
Raiffeisen Bank International AG	RQ8	0.60	0.90	1.20

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

FINISH SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
Elisa	EI8	0.60	0.90	1.20
Fortum OYJ	AQ8	0.60	0.90	1.20
Kesko	KK8	0.80	1.20	1.60
Metso Oyi	MS8	0.60	0.90	1.20
Neste Oyi	NS8	0.40	0.60	0.80
Nokia	NO8	0.20	0.30	0.40
Sampo	AY8	0.80	1.20	1.60

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

GERMAN SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
ADIDAS AG	AD8	0.60	0.90	1.20
ALLIANZ SE	AZ8	1.00	1.50	2.00
BASF SE	BF8	0.80	1.20	1.60
BAYERISCHE MOTOREN WERKE AG	BW8	0.80	1.20	1.60
CECONOMY	ME8	0.60	0.90	1.20
CONTINENTAL AG	ON8	0.80	1.20	1.60
DAIMLER AG	DM8	0.80	1.20	1.60
DEUTSCHE BANK AG	DB8	0.40	0.60	0.80
DEUTSCHE BOERSE AG	BR8	0.80	1.20	1.60
DEUTSCHE POST AG	DP8	0.40	0.60	0.80
DEUTSCHE TELEKOM AG	TK8	0.40	0.60	0.80
E.ON SE	EO8	0.20	0.30	0.40
FRESENIUS	FS8	0.40	0.60	0.80
HENKEL AG & CO	HK8	0.60	0.90	1.20
K+S AG	KS8	0.40	0.60	0.80
LINDE PLC	LE8	0.80	1.20	1.60
LINDE PLC	L80	0.80	1.20	1.60
(DEUTSCHE) LUFTHANSA	LU8	0.40	0.60	0.80
MERCK KGAA	MK8	0.60	0.90	1.20
MUENCHENER RUECKVER AG	MR8	1.00	1.50	2.00
RWE AG	RW8	0.60	0.90	1.20
SAP SE	AP8	0.60	0.90	1.20
SIEMENS AG	SI8	0.80	1.20	1.60
Sodexo	SW8	0.80	1.20	1.60
THYSSENKRUPP AG	TH8	0.20	0.30	0.40
VONOVIA	VN8	0.40	0.60	0.80
VOLKSWAGEN AG	VW8	0.60	0.90	1.20

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

IRISH SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
CRH PLC	CX8	0.40	0.60	0.80

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

ITALIAN SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
A2A	QT8	0.20	0.30	0.40
Assicurazione Generali	GJ8	0.40	0.60	0.80
Atlantia	QF8	0.40	0.60	0.80
Azimut	UT8	0.20	0.30	0.40
Banca Popolare dell'Emilia Romagna	PV8	0.20	0.30	0.40
Banco BPM	PM8	0.20	0.30	0.40
Enel	QC8	0.20	0.30	0.40
Eno	QD8	0.40	0.60	0.80
Fiat Chrysler Automobiles	FK8/F8O	0.40	0.60	0.80
Italgas	WG8	0.20	0.30	0.40
Mediobanca	MJ8	0.20	0.30	0.40
Mediolanum	MV8	0.20	0.30	0.40
Mediaset	MA8	0.20	0.30	0.40
Salvatore Ferragamo	FJ8	0.20	0.30	0.40
Snam ex event package	QE8	0.20	0.30	0.40
Snam	WS8	0.20	0.30	0.40
Telecom Italia	TI8	0.20	0.30	0.40
Terna	TX8	0.20	0.30	0.40
Tod's	OS8	0.80	1.20	1.60
UBI Banca	UF8	0.20	0.30	0.40
Unicredit	UD8	0.40	0.60	0.80
Unicredit Old	U8O	0.40	0.60	0.80
UnipolSai	UQ8	0.20	0.30	0.40

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

NORWEGIAN SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN USD
Equinor	OI8	0.40	0.60	0.80
Telenor	TQ8	1.00	1.50	2.00

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

SPANISH SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN €	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN €	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN €
AENA SME SA	YK8	1.00	1.50	2.00
Amadeus IT	AM8	0.40	0.60	0.80
Banco Bilbao Vizcaya Argenta	BA8	0.20	0.30	0.40
Banco Santander	BS8	0.20	0.30	0.40
Bankia	QU8	0.20	0.30	0.40
Bankinter	BI8	0.20	0.30	0.40
Bolsas y Mercados Espanoles	MY8	0.40	0.60	0.80
CaixaBank	CB8	0.20	0.30	0.40
Distribuidora Internacional de Alimentacion	DI8	0.20	0.30	0.40
Enagas	EG8	0.60	0.90	1.20
Endesa	EE8	0.40	0.60	0.80
Ferrovial	FV8	0.40	0.60	0.80
Iberdrola	ID8	0.20	0.30	0.40
Inditex	IT8/I8Y	0.40	0.60	0.80
Mapfre	MP8	0.20	0.30	0.40
Mediaset Espana Comunicacion	MW8	0.20	0.30	0.40
Naturgy Energy Group SA	GN8	0.40	0.60	0.80
Red Electrica Corp	EL8	0.80	1.20	1.60
Repsol	RP8	0.60	0.90	1.20
Telefonica SA	TA8	0.40	0.60	0.80

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

SWEDISH SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS
Electrolux B	ET8	1.00	1.50	2.00
Ericsson B	ER8	0.60	0.90	1.20
Hennes & Mauritz B	HM8	1.00	1.50	2.00
Kinnevik B	KV8	1.00	1.50	2.00
Nordea Bank ABP***	ND8	0.40	0.60	0.80
Skandinaviska Enskilda Banken A	EJ8	1.00	1.50	2.00
Svenska Handelsbanken A	VE8	1.00	1.50	2.00
Swedbank A**	WD8	6.00	9.00	12.00
Swedish Match	MB8	1.00	1.50	2.00
Tele2B	TV8/T8O	1.00	1.50	2.00
TeliaSonera**	TJ8	0.60	0.90	1.20
Volvo B**	VV8	0.80	1.20	1.60

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

** This contract is in Swedish Krona (SEK)

*** This contract is in Euros (EUR)

SWISS SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN CHF	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN CHF	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN CHF
ABB	LD8	0.40	0.60	0.80
Adecco	JW8	0.60	0.90	1.20
Coca-Cola HBC	CW8	0.20	0.30	0.40
Compagnie Financiere Richemont	FX8	0.60	0.90	1.20
Credit Suisse	CZ8	0.40	0.60	0.80
Geberit	GQ8	1.00	1.50	2.00
Givaudan	GV8	10.00	15.00	20.00
Lafarge Holcim	HX8	0.60	0.90	1.2
Julius Baer	JB8	0.60	0.90	1.2
Nestle	NL8	0.80	1.20	1.60
Novartis	NA8	0.40	0.60	0.80
Roche	RX8	1.00	1.50	2.00
SGS	QN8	10.00	15.00	20.00
Swisscom	QK8	8.00	12.00	16.00
Swiss RE	QO8	1.00	1.50	2.00
The Swatch Group (Bearer shares)	UH8	1.00	1.50	2.00
UBS Group	UO8	0.40	0.60	0.80
Zurich Insurance	ZI8	6.00	9.00	12.00

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

** This contract is in Euro (EUR)

UK SINGLE STOCK DIVIDEND FUTURES (GBX)*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN GBX	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN GBX	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN GBX
Aviva	AW8	8.00	12.00	16.00
BAE Systems	BX8	8.00	12.00	16.00
Barclays	YS8	1.00	1.50	2.00
BP	BP8	8.00	12.00	16.00
British American Tobacco	TB8	60.00	90.00	120.00
BT Group	BT8	6.00	9.00	12.00
Centrica	CC8	6.00	9.00	12.00
Compass Group	CQ8	8.00	12.00	16.00
Diageo	DO8	10.00	15.00	20.00
GlaxoSmithKline	GO8	10.00	15.00	20.00
Imperial Tobacco Group	IP8	60.00	90.00	120.00
Legal & General Group	LL8	6.00	9.00	12.00
Lloyds Banking Group	8	0.80	1.20	1.60
National Grid	NG8	10.00	15.00	20.00
Pearson	PR8	10.00	15.00	20.00
Prudential	PD8	10.00	15.00	20.00
Reckitt Benckiser Group	RB8	60.00	90.00	120.00
RELX PLC	RL8	8.00	12.00	16.00
Rio Tinto	RV8	60.00	90.00	120.00
Rolls-Royce Holdings	RR8	8.00	12.00	16.00
Severn Trent	UV8	10.00	15.00	20.00
Sky	BK8	8.00	12.00	16.00
SSE	UW8	10.00	15.00	20.00
Unilever	UZ8	10.00	15.00	20.00
Vodafone Group	VO8	6.00	9.00	12.00
WM Morrison Supermarkets	WM8	1.00	1.50	2.00
WPP	WP8	10.00	15.00	20.00

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

UK SINGLE STOCK DIVIDEND FUTURES (USD OR EUR)*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN USD
Anglo American	LO8	0.40	0.60	0.80
AstraZeneca	ZN8	0.80	1.20	1.60
BHP Billiton	BH8	0.40	0.60	0.80
Experian	EP8	0.20	0.30	0.40
Glencore	GX8	0.20	0.30	0.40
HSBC Holdings	HS8	0.40	0.60	0.80
SABMiller	MI8	0.60	0.90	1.20
Standard Chartered	SX8	0.20	0.30	0.40
United Utilities Group	UU8	8.00	12.00	16.00

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

USA SINGLE STOCK DIVIDEND FUTURES*

CONTRACT	CODE	OUTRIGHT VALUE RANGE FROM PLRP* 1 YEAR IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 2&3 YEARS IN USD	OUTRIGHT VALUE RANGE FROM PLRP* 4&5 YEARS IN USD
3M	ZB8	1	1.5	2
AbbVie	ZH8	0.8	1.2	1.6
Altria Group	YW8	0.8	1.2	1.6
Amazon.com	UY8	0.2	0.3	0.4
Amgen	YY8	1	1.5	2
Apple	VM8	0.8	1.2	1.6
AT&T	VY8	0.6	0.9	1.2
Bank Of America	YC8	0.2	0.3	0.4
Boeing	ZJ8	1	1.5	2
Bristol-Myers Squibb	ZL8	0.6	0.9	1.2
Broadcom	ZQ8	1	1.5	2
Chevron	YF8	0.8	1.2	1.6
Cisco Systems	YN8	0.6	0.9	1.2
Citigroup	YO8	0.4	0.6	0.8
CME Group	VJ8	0.8	1.2	1.6
Coca-Cola	YR8	0.6	0.9	1.2
Comcast Corp-Class A	YJ8	0.4	0.6	0.8
Conocophillips	VL8	0.6	0.9	1.2
CVS Health	ZZ8	0.8	1.2	1.6
Duke Energy	VH8	0.8	1.2	1.6
Eli Lilly & Co	ZX8	0.8	1.2	1.6
Exxon Mobil	VR8	0.8	1.2	1.6
Ford Motor	VC8	0.2	0.3	0.4
General Electric	VX8	0.4	0.6	0.8
General Motors	VB8	0.6	0.9	1.2
Gilead Sciences	ZM8	0.8	1.2	1.6
Goldman Sachs Group	ZS8	0.8	1.2	1.6

Price Limits and Trade Invalidation Value Ranges

Home Depot	YH8	0.8	1.2	1.6
Honeywell International	ZK8	0.8	1.2	1.6
IBM	YV8	1	1.5	2
Intel	YM8	0.6	0.9	1.2
Johnson&Johnson	VS8	0.8	1.2	1.6
JPMorgan Chase & Co	VU8	0.6	0.9	1.2
Mastercard - A	ZG8	0.4	0.6	0.8
McDonalds	ZF8	0.8	1.2	1.6
Medtronic	ZC8	0.6	0.9	1.2
Merck & Co	YL8	0.6	0.9	1.2
Microsoft	VQ8	0.6	0.9	1.2
Oracle	YX8	0.4	0.6	0.8
Pepsico	YT8	0.8	1.2	1.6
Pfizer	YE8	0.6	0.9	1.2
Philip Morris	VD8	1	1.5	2
Procter & Gamble	YD8	0.8	1.2	1.6
Qualcomm	ZU8	0.8	1.2	1.6
Schlumberger	ZD8	0.8	1.2	1.6
Southern Co	VG8	0.8	1.2	1.6
Starbucks	ZT8	0.6	0.9	1.2
Texas Instruments	ZY8	0.8	1.2	1.6
Union Pacific	ZR8	0.8	1.2	1.6
United Technologies	ZV8	0.8	1.2	1.6
UnitedHealth	YU8	0.8	1.2	1.6
US Bancorp	ZW8	0.6	0.9	1.2
Verizon Communications	YG8	0.8	1.2	1.6
Visa Inc	YP8	0.2	0.3	0.4
Walmart Inc	ZE8	0.8	1.2	1.6
Walt Disney	YQ8	0.6	0.9	1.2
Wells Fargo & Co	VZ8	0.6	0.9	1.2

* The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Central Order Book method

** This contract is in Dollar (USD)

CAC 40® INDEX OPTIONS*

CAC 40® INDEX OPTIONS ≤3 MONTHS [†]												
Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium
≤ 0.-2.50	> 2.50 – ≤ 5.00	> 5.00 – ≤ 10.00	> 10.00 – ≤ 25.00	> 25.00 – ≤ 50.00	> 50.00 – ≤ 100.00	> 100.00 – ≤ 200.00	> 200.00 – ≤ 300.00	> 300.00 – ≤ 400.00	> 400.00 – ≤ 500.00	> 500.00 – ≤ 1000.00	> 1000.00	
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 1.50	+/- € 2.00	+/- € 3.00	+/- € 4.00	+/- € 5.00	+/- € 6.00	+/- € 7.50	+/- € 8.50	+/- € 9.50	+/- € 10.50	+/- € 12.00	+/- € 15.00	
CAC 40® INDEX OPTIONS ≥4 MONTHS [†]												
Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium
≤ 0.-2.50	> 2.50 – ≤ 5.00	> 5.00 – ≤ 10.00	> 10.00 – ≤ 25.00	> 25.00 – ≤ 50.00	> 50.00 – ≤ 100.00	> 100.00 – ≤ 200.00	> 200.00 – ≤ 300.00	> 300.00 – ≤ 400.00	> 400.00 – ≤ 500.00	> 500.00 – ≤ 1000.00	> 1000.00	
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 2.25	+/- € 3.00	+/- € 4.5	+/- € 6.00	+/- € 7.50	+/- € 9.00	+/- € 11.25	+/- € 12.75	+/- € 14.25	+/- € 15.75	+/- € 18.00	+/- € 22.50	
CAC 40® INDEX OPTIONS ≥13 MONTHS [†]												
Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium
≤ 0.-2.50	> 2.50 – ≤ 5.00	> 5.00 – ≤ 10.00	> 10.00 – ≤ 25.00	> 25.00 – ≤ 50.00	> 50.00 – ≤ 100.00	> 100.00 – ≤ 200.00	> 200.00 – ≤ 300.00	> 300.00 – ≤ 400.00	> 400.00 – ≤ 500.00	> 500.00 – ≤ 1000.00	> 1000.00	
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 3.00	+/- € 4.00	+/- € 6.00	+/- € 8.00	+/- € 10.00	+/- € 12.00	+/- € 15.00	+/- € 17.00	+/- € 19.00	+/- € 21.00	+/- € 24.00	+/- € 30.00	
CAC 40® WEEKLY OPTIONS [†]												
Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium	Series with a premium
≤ 0.-2.50	> 2.50 – ≤ 5.00	> 5.00 – ≤ 10.00	> 10.00 – ≤ 25.00	> 25.00 – ≤ 50.00	> 50.00 – ≤ 100.00	> 100.00 – ≤ 200.00	> 200.00 – ≤ 300.00	> 300.00 – ≤ 400.00	> 400.00 – ≤ 500.00	> 500.00 – ≤ 1000.00	> 1000.00	
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 2.25	+/- € 3.00	+/- € 4.5	+/- € 6.00	+/- € 7.50	+/- € 9.00	+/- € 11.25	+/- € 12.75	+/- € 14.25	+/- € 15.75	+/- € 18.00	+/- € 22.50	

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method.

*Please note that during the uncrossing, price limits are widened

AEX-INDEX® OPTIONS***AEX-Index® Options ≤9 months[‡]**

For Series with a premium ≤ 0.50	For Series with a premium > 0.50 - ≤ 2.50	For Series with a premium > 2.50 - ≤ 5.00	For Series with a premium > 5.00 - ≤ 10.00	For Series with a premium > 10.00 - ≤ 20.00	For Series with a premium > 20.00 - ≤ 30.00	For Series with a premium > 30.00 - ≤ 40.00	For Series with a premium > 40.00 - ≤ 50.00	For Series with a premium > 50.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.30	+/- € 0.35	+/- € 0.40	+/- € 0.45	+/- € 0.50	+/- € 0.60	+/- € 0.80	+/- € 1.00	+/- € 1.20

AEX-Index® Options >9 =< 12 months[‡]

For Series with a premium ≤ 0.50	For Series with a premium > 0.50 - ≤ 2.50	For Series with a premium > 2.50 - ≤ 5.00	For Series with a premium > 5.00 - ≤ 10.00	For Series with a premium > 10.00 - ≤ 20.00	For Series with a premium > 20.00 - ≤ 30.00	For Series with a premium > 30.00 - ≤ 40.00	For Series with a premium > 40.00 - ≤ 50.00	For Series with a premium > 50.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.5250	+/- € 0.6125	+/- € 0.70	+/- € 0.7875	+/- € 0.875	+/- € 1.05	+/- € 1.40	+/- € 1.75	+/- € 2.10

AEX-Index® Options >12 =< 18 months[‡]

For Series with a premium ≤ 0.50	For Series with a premium > 0.50 - ≤ 2.50	For Series with a premium > 2.50 - ≤ 5.00	For Series with a premium > 5.00 - ≤ 10.00	For Series with a premium > 10.00 - ≤ 20.00	For Series with a premium > 20.00 - ≤ 30.00	For Series with a premium > 30.00 - ≤ 40.00	For Series with a premium > 40.00 - ≤ 50.00	For Series with a premium > 50.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.60	+/- € 0.70	+/- € 0.80	+/- € 0.90	+/- € 1.00	+/- € 1.20	+/- € 1.60	+/- € 2.00	+/- € 2.40

AEX-Index® Options > 18 months[‡]

For Series with a premium ≤ 0.50	For Series with a premium > 0.50 - ≤ 2.50	For Series with a premium > 2.50 - ≤ 5.00	For Series with a premium > 5.00 - ≤ 10.00	For Series with a premium > 10.00 - ≤ 20.00	For Series with a premium > 20.00 - ≤ 30.00	For Series with a premium > 30.00 - ≤ 40.00	For Series with a premium > 40.00 - ≤ 50.00	For Series with a premium > 50.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.8250	+/- € 0.9625	+/- € 1.10	+/- € 1.2375	+/- € 1.375	+/- € 1.65	+/- € 2.20	+/- € 2.75	+/- € 3.30

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

‡Please note that during the uncrossing, price limits are widened

AEX-INDEX® OPTIONS AND OTHER INDEX OPTIONS***Price limits for AEX® Weekly Options[‡]**

For Series with a premium ≤ 0.50 PLRP +/- € 0.30	For Series with a premium > 0.50 - ≤ 2.50 PLRP +/- € 0.35	For Series with a premium > 2.50 - ≤ 5.00 PLRP +/- € 0.40	For Series with a premium > 5.00 - ≤ 10.00 PLRP +/- € 0.45	For Series with a premium > 10.00 - ≤ 20.00 PLRP +/- € 0.50	For Series with a premium > 20.00 - ≤ 30.00 PLRP +/- € 0.60	For Series with a premium > 30.00 - ≤ 40.00 PLRP +/- € 0.80	For Series with a premium > 40.00 - ≤ 50.00 PLRP +/- € 1.00	For Series with a premium > 50.00 PLRP +/- € 1.20
---	--	--	---	--	--	--	--	--

Price limits for AEX® Daily Options[‡]

For Series with a premium ≤ 0.50 PLRP +/- € 0.30	For Series with a premium > 0.50 - ≤ 2.50 PLRP +/- € 0.35	For Series with a premium > 2.50 - ≤ 5.00 PLRP +/- € 0.40	For Series with a premium > 5.00 - ≤ 10.00 PLRP +/- € 0.45	For Series with a premium > 10.00 - ≤ 20.00 PLRP +/- € 0.50	For Series with a premium > 20.00 - ≤ 30.00 PLRP +/- € 0.60	For Series with a premium > 30.00 - ≤ 40.00 PLRP +/- € 0.80	For Series with a premium > 40.00 - ≤ 50.00 PLRP +/- € 1.00	For Series with a premium > 50.00 PLRP +/- € 1.20
---	--	--	---	--	--	--	--	--

Price limits for AEX-Index® Mini Options[‡]

For Series with a premium ≤ 0.50 PLRP +/- € 0.45	For Series with a premium > 0.50 - ≤ 2.50 PLRP +/- € 0.70	For Series with a premium > 2.50 - ≤ 5.00 PLRP +/- € 0.80	For Series with a premium > 5.00 - ≤ 10.00 PLRP +/- € 0.90	For Series with a premium > 10.00 - ≤ 20.00 PLRP +/- € 1.00	For Series with a premium > 20.00 - ≤ 30.00 PLRP +/- € 1.20	For Series with a premium > 30.00 - ≤ 40.00 PLRP +/- € 1.60	For Series with a premium > 40.00 - ≤ 50.00 PLRP +/- € 2.00	For Series with a premium > 50.00 PLRP +/- € 2.40
---	--	--	---	--	--	--	--	--

Price limits for the BEL 20® Index Options[‡]

For Series with a premium ≤ 0.50 PLRP +/- € 0.40	For Series with a premium > 0.50 - ≤ 2.50 PLRP +/- € 1.00	For Series with a premium > 2.50 - ≤ 5.00 PLRP +/- € 1.80	For Series with a premium > 5.00 - ≤ 10.00 PLRP +/- € 2.80	For Series with a premium > 10.00 - ≤ 20.00 PLRP +/- € 4.00	For Series with a premium > 20.00 - ≤ 50.00 PLRP +/- € 6.00	For Series with a premium > 50.00 - ≤ 100.00 PLRP +/- € 12.00	For Series with a premium > 100.00 PLRP +/- € 15.00
---	--	--	---	--	--	--	--

Price limits for the PSI 20® Index Options[‡]

For Series with a premium ≤ 0.50 PLRP +/- € 0.80	For Series with a premium > 0.50 - ≤ 2.50 PLRP +/- € 2.00	For Series with a premium > 2.50 - ≤ 5.00 PLRP +/- € 3.60	For Series with a premium > 5.00 - ≤ 10.00 PLRP +/- € 5.60	For Series with a premium > 10.00 - ≤ 20.00 PLRP +/- € 8.00	For Series with a premium > 20.00 - ≤ 50.00 PLRP +/- € 12.00	For Series with a premium > 50.00 - ≤ 100.00 PLRP +/- € 24.00	For Series with a premium > 100.00 - ≤ 200.00 PLRP +/- € 30.00	For Series with a premium > 200.00 - ≤ 300.00 PLRP +/- € 36.00	For Series with a premium > 300.00 - ≤ 400.00 PLRP +/- € 40.00	For Series with a premium > 400.00 - ≤ 500.00 PLRP +/- € 44.00	For Series with a premium > 500.00 - ≤ 1000.00 PLRP +/- € 48.00	For Series with a premium > 1000.00 PLRP +/- € 60.00
---	--	--	---	--	---	--	---	---	---	---	--	---

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

*Please note that during the uncrossing, price limits are widened

COMMODITY OPTIONS*

FUTURE MAIS (CORN) OPTIONS EN EURO ; BLE DE MEUNERIE (MILLING WHEAT) OPTIONS EN EURO ; COLZA (RAPESEED) OPTIONS EN EURO ; OPTIONS EN EURO ; TOURTEAU DE COLZA (RAPESEED MEAL) EN EURO ; HUILE DE COLZA (RAPESEED OIL) EN EURO

Expiration months ≤13 months

Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.50	Series with a premium > 2.50 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00 - ≤ 25.00	Series with a premium > 25.00 - ≤ 40.00	Series with a premium > 40.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.50	+/- € 1.00	+/- € 1.50	+/- € 2.00	+/- € 2.50	+/- € 3.00	+/- € 3.50

Expiration months >13 months

Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.50	Series with a premium > 2.50 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00 - ≤ 25.00	Series with a premium > 25.00 - ≤ 40.00	Series with a premium > 40.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.75	+/- € 1.50	+/- € 2.25	+/- € 3.00	+/- € 3.75	+/- € 4.50	+/- € 5.25

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

CURRENCY OPTIONS*

GBP/US DOLLAR OPTIONS*					
GBP/US Dollar Options <12 months					
For Series with a premium ≤ 0.50	For Series with a premium $> 0.50 - \leq 2.50$	For Series with a premium $> 2.50 - \leq 5.00$	For Series with a premium $> 5.00 - \leq 10.00$	For Series with a premium $> 10.00 - \leq 20.00$	For Series with a premium > 20.00
PLRP +/- \$ 0.30	PLRP +/- \$ 0.40	PLRP +/- \$ 0.60	PLRP +/- \$ 0.80	PLRP +/- \$ 1.00	PLRP +/- \$ 1.20

GBP/EURO OPTIONS*					
GBP/Euro Options <12 months					
For Series with a premium ≤ 0.50	For Series with a premium $> 0.50 - \leq 2.50$	For Series with a premium $> 2.50 - \leq 5.00$	For Series with a premium $> 5.00 - \leq 10.00$	For Series with a premium $> 10.00 - \leq 20.00$	For Series with a premium > 20.00
PLRP +/- € 0.30	PLRP +/- € 0.40	PLRP +/- € 0.60	PLRP +/- € 0.80	PLRP +/- € 1.00	PLRP +/- € 1.20

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

PARIS INDIVIDUAL EQUITY OPTIONS* (1 OF 2)

EXPIRATION MONTHS ≤13 MONTHS					EXPIRATION MONTHS > 13 MONTHS				
Individual Equity Options Category 1					Individual Equity Options Category 1				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00			Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00		
PLRP	PLRP	PLRP			PLRP	PLRP	PLRP		
+/- € 0.30	+/- € 0.40	+/- € 0.50			+/- € 0.45	+/- € 0.60	+/- € 0.75		
Individual Equity Options Category 2					Individual Equity Options Category 2				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00	Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.40	+/- € 0.50	+/- € 0.60	+/- € 0.70	+/- € 0.80	+/- € 0.60	+/- € 0.75	+/- € 0.90	+/- € 1.05	+/- € 1.20
Individual Equity Options Category 3					Individual Equity Options Category 3				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00	Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.50	+/- € 0.60	+/- € 0.70	+/- € 0.80	+/- € 1.00	+/- € 0.75	+/- € 0.90	+/- € 1.05	+/- € 1.20	+/- € 1.50
Individual Equity Options Category 4					Individual Equity Options Category 4				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00	Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.60	+/- € 0.70	+/- € 0.80	+/- € 1.00	+/- € 1.50	+/- € 0.90	+/- € 1.05	+/- € 1.20	+/- € 1.50	+/- € 2.25
Individual Equity Options Category 5					Individual Equity Options Category 5				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00	Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP
+/- € 0.70	+/- € 1.00	+/- € 1.20	+/- € 1.50	+/- € 2.50	+/- € 1.05	+/- € 1.50	+/- € 1.80	+/- € 2.25	+/- € 3.75
Individual Equity Options Category 6					Individual Equity Options Category 6				
Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	Series with a premium > 10.00	Series with a premium ≤ 1.00	Series with a premium > 1.00 - ≤ 2.00	Series with a premium > 2.00 - ≤ 5.00	Series with a premium > 5.00 - ≤ 10.00	
PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	PLRP	
+/- € 0.80	+/- € 1.20	+/- € 2.00	+/- € 3.00	+/- € 4.00	+/- € 1.20	+/- € 1.80	+/- € 3.00	+/- € 4.50	

*Please note that during the uncrossing, price limits are widened.

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

PARIS INDIVIDUAL EQUITY OPTIONS* (2 OF 2)

AMERICAN STYLE	EUROPEAN STYLE
Category 1	Category 1
1CS, 1EX, 1FO, 1GA, 1UG, 2CS, 2EX, 2FO, 2GA, 2UG, 4CS, 4EX, 4GA, 4FO, 4UG, 5CS, 5EX, 5FO, 5GA, 5UG AF1, AH1, BV1, CG1, CN1, CR1, CS1, DF1, EX1, FT1, GA1, HA1, KN1, MM1, MT1, SC1, SE1, SS1, ST1, TF1, TM1, UG1, VI1	AF2, AH2, AC3, CG3, CS9, DF3, EX2, FT3, GA3, KN2, MM3, SE2, ST3, TF3, TM3, UG2, VI3
Category 2	Category 2
1CA, 1CP, 1DA, 1DG, 1EA, 1GL, 1SG, 1SU, 1TO, 2CA, 2CP, 2DA, 2DG, 2EA, 2GL, 2SG, 2SU, 2TO, 4CA, 4CP, 4DA, 4DG, 4EA, 4GL, 4SG, 4SU, 4TO, 5CA, 5CP, 5DA, 5DG, 5EA, 5GL, 5SG, 5TO, 5SU, AT1, CA1, CP1, DA1, DG1, EA1, EN1, EO1, FG1, FR1, GL1, HO1, II1, IY1, LR1, ML1, PU1, SG1, SM1, SU1, SW1, TO1	BN2, CA2, CA3, DG2, EA3, EN9, GL3, HO2, ML2, SG3, SU2, SW2, TO2
Category 3	Category 3
1BN, 1SA, 2BN, 2SA, 4BN, 4SA, 5BN, 5SA, AI1, AK1, AS1, BN1, CO1, DJ1, DQ1, DS1, EF1, FD1, GY1, LG1, RF1, RI1, RN1, SA1, TE1, VA1	AI2, AS3, BN3, CO2, LG2, RI2, RN3, SA3, TE3, VA2
Category 4	Category 4
1MC, 1OR, 2MC, 2OR, 4MC, 4OR, 5MC, 5OR, AL1, BB1, BM1, CE1, CL1, DH1, EH1, EW1, GC1, IL1, IQ1, JL1, JN1, JS1, KC1, KDS, KR1, LF1, MC1, NB1, NQ1, OP1, OR1, RJ1, RU1, RZ1, UL1, UX1, XT1, WL1, ZP1	MC2, OR2
Category 5	Category 5
KR1	KR2
Category 6	Category 6
HI1	

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

AMSTERDAM/BRUSSELS/FRANKFURT INDIVIDUAL EQUITY OPTIONS* (1 OF 2)

EXPIRATION MONTHS ≤12 MONTHS					EXPIRATION MONTHS > 12 MONTHS				
Individual Equity Options Category 1					Individual Equity Options Category 1				
Series with a premium ≤ 0.50	Series with a premium > 0.50				Series with a premium ≤ 0.50	Series with a premium > 0.50			
PLRP +/- € 0.10	PLRP +/- € 0.20				PLRP +/- € 0.15	PLRP +/- € 0.30			
Individual Equity Options Category 2					Individual Equity Options Category 2				
Series with a premium ≤ 0.50	Series with a premium >0.50 ≤1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00		Series with a premium ≤ 0.50	Series with a premium >0.50 ≤ 1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00	
PLRP +/- € 0.20	PLRP +/- € 0.30	PLRP +/- € 0.40	PLRP +/- € 0.50		PLRP +/- € 0.30	PLRP +/- € 0.45	PLRP +/- € 0.60	PLRP +/- € 0.75	
Individual Equity Options Category 3					Individual Equity Options Category 3				
Series with a premium ≤ 0.50	Series with a premium >0.50 ≤ 1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00 – ≤ 15.00	Series with a premium > 15.00	Series with a premium ≤ 0.50	Series with a premium >0.50 ≤ 1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00 – ≤ 15.00	Series with a premium > 15.00
PLRP +/- € 0.30	PLRP +/- € 0.40	PLRP +/- € 0.60	PLRP +/- € 0.80	PLRP +/- € 1.00	PLRP +/- € 0.45	PLRP +/- € 0.60	PLRP +/- € 0.90	PLRP +/- € 1.20	PLRP +/- € 1.50
Individual Equity Options Category 4					Individual Equity Options Category 4				
Series with a premium ≤ 0.50	Series with a premium >0.50 ≤ 1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00 – ≤ 15.00	Series with a premium > 15.00	Series with a premium ≤ 0.50	Series with a premium > 0.50 ≤ 1.50	Series with a premium > 1.50 – ≤ 5.00	Series with a premium > 5.00 – ≤ 15.00	Series with a premium > 15.00
PLRP +/- € 0.40	PLRP +/- € 0.50	PLRP +/- € 0.80	PLRP +/- € 1.20	PLRP +/- € 1.60	PLRP +/- € 0.60	PLRP +/- € 0.75	PLRP +/- € 1.20	PLRP +/- € 1.80	PLRP +/- € 2.40
Individual Equity Options Category 5					Individual Equity Options Category 5				
Series with a premium ≤ 2.50	Series with a premium >2.50 ≤ 5.00	Series with a premium > 5.00 – ≤ 10.00	Series with a premium > 10.00 – ≤ 20.00	Series with a premium > 20.00	Series with a premium ≤ 2.50	Series with a premium >2.50 ≤ 5.00	Series with a premium > 5.00 – ≤ 10.00	Series with a premium > 10.00 – ≤ 20.00	Series with a premium > 20.00
PLRP +/- € 3.00	PLRP +/- € 3.50	PLRP +/- € 4.00	PLRP +/- € 5.00	PLRP +/- € 6.00	PLRP +/- € 4.50	PLRP +/- € 5.25	PLRP +/- € 6.00	PLRP +/- € 7.50	PLRP +/- € 9.00

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method

Please note that during the uncrossing price limits are widened

AMSTERDAM/BRUSSELS/FRANKFURT INDIVIDUAL EQUITY OPTIONS* (2 OF 2)

AMSTERDAM / BRUSSELS / FRANKFURT

Category 1

Category 2

1AB, 1AF, 1AG, 1AH, 1AK, 1DS, 1HE, 1IN, 1MT, 1PH, 1RD, 1SB, 1TT, 1UN, 2AB, 2AF, 2AG, 2AH, 2AK, 2DS, 2HE, 2IN, 2MT, 2PH, 2RD, 2SB, 2TT, 2UN, 4AB, 4AF, 4AG, 4AH, 4AK, 4DS, 4HE, 4IN, 4MT, 4PH, 4RD, 4SB, 4TT, 4UN, 5AB, 5AF, 5AG, 5AH, 5AK, 5DS, 5HE, 5IN, 5MT, 5PH, 5RD, 5SB, 5TT, 5UN, ABN, AAI, AFA, AGA, AGE, AGN, AH, AKO, AKV, AKX, AKZ, AMG, AP, ASM, BAM, BOS, CSM, DSM, EOQ, FUR, HEI, HEY, ING, KPN, KPV, KPZ, MT, MTO, MTX, NN, NUO, ORD, PHA, PHI, PNL, RD, REN, REO, RND, RNO, SBM, SR, TTM, TTO, UN, VPK, WES, WKL

Category 3

1AS, 1GS, 1IT, 1KB, 1UC, 2AS, 2GS, 2IT, 2KB, 2UC, 4AS, 4GS, 4IT, 4KB, 4UC, 5AS, 5GS, 5IT, 5KB, 5UC, AGB, ARC, ASL, BEK, BLG, BPO, CIO, COL, DBQ, DPQ, GBL, GLS, INT, KBC, MOB, NSI, NYR, OCI, RCU, SIF, SOL, THR, TKG, TKQ, UBL, UCB, UMC, WHV

Category 4

1EU, 1IC, 1IG, 1IJ, 1IS, 1IW, 1IZ, 2EU, 2IC, 2IG, 2IJ, 2IS, 2IW, 2IZ, 4EU, 4IC, 4IG, 4IJ, 4IS, 4IW, 4IZ, 5EU, 5IC, 5IG, 5IJ, 5IS, 5IW, 5IZ, ACC, ADQ, AH9, APQ, ARG, ASR, AS9, ATC, AVH, AZQ, BAR, BES, BFQ, BSG, BYQ, BWQ, CAR, CCE, DMQ, ENX, EUE, EUN, FLW, FSQ, GVN, IBA, IEM, IET, IJP, IMD, IME, IN9, ISF, ISS, IWR, KDS, KSQ, KVW, LUQ, MAR, MEL, MIT, MRQ, MT9, NIB, NTQ, ONT, PH9, PLT, PSQ, RD9, RWQ, SIQ, SLG, TGH, UB9, UN9, VWQ, WCQ

Category 5

ADY

*The Price Limit Reference Price (PLRP) for price limits for these contracts is calculated using the Fair Value Price method