Document title

EURONEXT STRUCTURED PRODUCTS CORPORATE ACTIONS – SFTP SERVICE - CLIENT SPECIFICATION

Version	Date
4.2.2	05 December 2024

PREFACE

DOCUMENT HISTORY

The following table provides a description of all changes to this document.

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	01/07/2010	Initial version
	06/09/2012	Rebranded with new NYSE Technologies template
1.1	18/01/2013	Added Strike Price Interpretation Rules
2.0	21/02/2013	Effective mid-April 2013 Release of Primary Market Service Added Introduction, Data and Data Delivery section heading, updates to Data modules, File Specifications and File Structure. Updates to Appendix A, B and C
2.1	8 Apr 2013	Added Primary Market Service files xml schema Primary Market Service file layout (Table 7 – Primary Market Service Structured Products Module): - Added new field: quantityNotation - Adjusted mapping fields / corporate actions type and number
2.2	13 Dec 2013	Launch of Trading After Knock-Out - Added new corporate action type: 0064 – TAKO Delistings of Structured Products - Added three new fields: ○ TAKOPeriod (to action type 0038) ○ TAKODate (action type 0064) ○ TAKOEndDate (action type 0064)
2.3	03 Mar 2014	Updated Trading After Knock-Out production release date
3.0	07 July 2014	Rebranded to Euronext
3.1	22 Sep 2014	Updated the Euronext Service Operations email address Updated Payment after Knock-Out (formerly Trading After Knock-Out) related changed production release date – Mon 20 October 2014
3.2	05 Dec 2014	Changes resulting from migration to new Euronext data delivery infrastructure – Planned for Mon 16 March 2015 - Added section 1 – NEW DATA DELIVERY INFRASTRUCTURE - Edited section 3 – DATA AND DATA DELIVERY
3.3	16 Mar 2015	Updated Euronext Service Operations telephone number File formats available (sections 3.2 and 3.3)

VERSION NO.	DATE	CHANGE DESCRIPTION
		Updated dates in section 1.2 Transition Period Updated Strike Price Interpretation Rules
3.4	14 May 2015	Updated Euronext Service Operations email address
3.5	20 Dec 2016	Updated Strike Price Interpretation Rules: - Added Bear Certificate - Added Leverage - Added Short
3.6	31 May 2017	Updated Strike Price Interpretation Rules: - Added Turbo Life Call - Added Turbo Life Put
3.6a	22 Jun 2018	Updated Strike Price Interpretation Rules: Added: - Athena - SMART Turbo Long - SMART Turbo Short - Turbo Life Long - Turbo Life Short - Turbo ilimitado Call - Turbo ilimitado Put - Turbo ilimitado SL Call - Turbo ilimitado SL Put - Turbo Illimite Smart Call - Turbo Illimite Smart Put - Unlimited Turbo Call - Unlimited Turbo Put Updated: - Discount Certificate
3.7	30 Oct 2019	Updated Strike Price Interpretation Rules: Added: - Bonus Certificaat
3.7a	12 Feb 2020	Updated Strike Price Interpretation Rules: Added: - tJUMPER
3.8	28 Feb 2020 **(Effective Date updated on 09 April 2020)**	**Effective 01 June 2020** Updated Strike Price Interpretation Rules: Deleted all current marketing product names.

VERSION NO.	DATE	CHANGE DESCRIPTION
		Added: - Athena - Bonus Certificate - Call Spread - Capped Bonus Certificate - Constant Leverage Certificate Long - Constant Leverage Certificate Short - Discount Certificate - Double Knock-Out Warrant - Express Certificate - Knock-Out Warrant Call - Knock-Out Warrant Life Call - Knock-Out Warrant Life Put - Knock-Out Warrant Put - Mini-Future Long - Mini-Future Short - Open-End Knock-Out Warrant Call - Open-End Knock-Out Warrant Put - Put Spread - Reverse Tracker Certificate - SMART Mini-Future Long - SMART Mini-Future Short - Structured Note - Tracker Certificate - Tracker Certificate Quanto - Warrant Call - Warrant Put
3.9	09 Dec 2020	**Effective 04 January 2021** Primary Market Service file decommissioned
3.9.1	28 Jan 2021	Updated Strike Price Interpretation Rules (Appensix E)
4.0	03 Feb 2023	**(Effective 15 May 2023)** File delivery **via SFTP** will become available (see section 2.4 – “Delivery Methods”)
		(Effective 30 June 2023) File delivery **via FTP** and **Email** will stop (see section 2.4 – “Delivery Methods”)
4.1	09 June 2023	**Updated the design of Annex B**
4.2	15 March 2024	**Effective 01 June 2024** • Several changes made to existing action types: 0038 ("Listing of structured products"), 0040 ("Change of structured products

VERSION NO.	DATE	CHANGE DESCRIPTION
		characteristics"), 0042 ("Decrease of the number of listed structured products"), 0053 ("Structured Products AIW issued"), 0063 ("Delisting Structured Products"), 0064 ("TAKO Delisting of Structured Products"), 0083 ("Listing of structured notes") • Action type removed (no longer used): 0039 ("Delisting of structured products See updated "Euronext CA&D Client Specification - Appendices_v2.15.4" (Appendix E)
4.2.1	26 June 2024	**Product renamed as Euronext Markets Structured Products Corporate Actions (Legacy bundle) – SFTP Service**
4.2.2	05 December 2024	**Effective 03 February 2025** The End of Day file will be decommissioned. File name: • SP_EU_ENXT_REF_CORPACT_EOD_yyyymmdd

CONTACT INFORMATION

For technical support, please contact the **Euronext Service Operations**:

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FURTHER INFORMATION

- For additional product information, please contact us at datasolutions@euronext.com.

CONTENTS

1. INTRODUCTION

The Euronext Structured Products Corporate Actions - SFTP Service provides information on warrants, certificates and structured notes listed on Euronext markets in a consolidated, standardised and timely fashion. This data product is delivered in machine readable format (.txt, .xml, .xls/.xlsx).

2. DATA AND DATA DELIVERY

2.1 DATA MODULES

Table 1 Modules

MODULE	STRUCTURE PRODUCTS
	Warrants, Certificates and Structured Notes
Corporate Actions	✓

A list of corporate actions covered is detailed in the Appendices, see Corporate Actions Files.

The product data also provides an Auxiliary File that lists the predefined sets of possible values for fields included in the corporate action messages. The Auxiliary File offers additional information that is not included in the corporate action messages.

2.2 FILE TYPES AND FORMATS

Corporate actions files – XLS (or XLSX), TXT (pipe delimited) and XML.

Auxiliary file – XLSX (or XLS), TXT (pipe delimited) and XML.

2.3 DELIVERY METHODS

Table 2 Delivery Methods

	SFTP
Corporate Actions	✓
Auxiliary File	✓

SFTP Delivery

The files are available via SFTP:

- Host: data.prodnr.euronext.cloud
- Port: 22000

Please refer to the Data Shop SFTP Guide (available here) for instructions on how to set up your sftp account.

2.4 DIRECTORY STRUCTURE OF THE SFTP SERVER

2.4.1 Corporate Actions Files

- Most Recent File

    /SP_EU_ENXT_REF_CORPOACT/

        /CURRENT/

- Historical Files

    /SP_EU_ENXT_REF_CORPOACT/

        /SP_EU_ENXT_REF_CORPOACT_YYYY/

/SP_EU_ENXT_REF_CORPOACT_YYYYMM/

2.4.2 Auxiliary File

- Most Recent File

/ALL_EU_ENXT_REF_CORPACT_AUX /

/CURRENT/

- Historical Files

/ALL_EU_ENXT_REF_CORPACT_AUX/

/ALL_EU_ENXT_REF_CORPACT_AUX _YYYY/

/ALL_EU_ENXT_REF_CORPACT_AUX _YYYYMM/

2.5 TIME OF DELIVERY

The files delivered on the SFTP server are generated on each trading day for Euronext Cash markets according to the following schedules.

2.5.1 Corporate Action Files

Corporate Action Files provides all messages in several files that are generated every hour from 8h to 20h CET. Each file contains all the messages that were issued from 19h00 CET (on the previous day) until the moment each of the intraday files is generated.

2.5.2 Auxiliary Files

The Auxiliary File is generated every day at 06:00 CET and includes the most recent information required to process the corporate action messages. Additionally, a set of historical files is accessible to allow users to track the changes to the Auxiliary File.

2.6 FILE SPECIFICATIONS

2.6.1 File Name Convention

2.6.1.1 Corporate Actions Files

- Most Recent File

SP_EU_ENXT_REF_CORPACT.ext

- Historical File

SP_EU_ENXT_REF_CORPACT_YYYYMMDD_hh.ext

2.6.1.2 Auxiliary File

- Most Recent File

ALL_EU_ENXT_REF_CORPACT_AUX_.xml

- Historical File

ALL_EU_ENXT_REF_CORPACT_AUX_YYYYMMDD.xml

2.7 MESSAGES STRUCTURE AND FIELDS

2.7.1 Corporate Actions Files

Each Corporate Action message is identified by a specific action type number and includes different fields.

The list of fields covered by each Corporate Action included in the various product modules is detailed in the Appendices.

All the fields included in the Corporate Action messages is detailed in Appendix C: Field Definitions.

2.7.2 Auxiliary File

The Auxiliary File is available to assist users developing and maintaining interfaces to integrate the Corporate Action information provided by Euronext.

The Auxiliary File lists all fields included in the Corporate Action messages for which a predefined set of possible values applies and for each field of these fields the possible values is also listed. The Auxiliary File provides additional information related to Issuers, Liquidity Providers, Paying Agents, Structured products marketing product name and underlying information) that is required for the Corporate Action messages.

Appendix D lists the fields included in the Auxiliary File and provides a data definition and guidance on how to use the information.

APPENDIX A: CORPORATE ACTIONS COVERED

A.1 EURONEXT MARKETS

Table 3 Euronext Markets Corporate Actions by Number/Type and Module

CORPORATE ACTION TYPE NUMBER	CORPORATE ACTION TYPE	PRODUCT MODULE
		STRUCTURED PRODUCTS
0001	Change of Issuer name and Product Name	Y
~~0002~~	~~Change of codes -~~ **NO LONGER USED**	
0003	Trading suspension	Y
0004	Trading resumption	Y
0005	Cancellation of orders	Y
0006	Change of trading group	Y
0007	Change of paying agent	Y
~~0008~~	~~Change of liquidity provider -~~ **NO LONGER USED**	
0013	Assimilation	Y
~~0027~~	~~Market transfer -~~ **NO LONGER USED**	
0038	Listing of structured products	Y
0039	Delisting of structured products - **NO LONGER USED**	
0040	Change of structured products characteristics	Y
0041	Increase of number of listed structured products	Y
0042	Decrease of the number of listed structured products	Y
0053	Structured Products AIW issued	Y
0063	Knock out of Structured products	Y
0064	TAKO Delisting of Structured Products	Y
0083	Listing of structured notes	Y
0086	Product information	Y

APPENDIX B: STRUCTURED PRODUCTS MODULE

See tab named **“Appendix E – Structured Products”** in “Euronext CA&D Client Specification – Appendices.xlsx” available here (under “Corporate actions data” / “Euronext Corporate Actions SFTP Service”

APPENDIX C: FIELD DEFINITIONS

C.1 EURONEXT MARKETS

Table 4 Field Definitions for Corporate Actions

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
acquiredSecurityCode	Code of the security to be received in case of a subscription	Text	25					
acquiredSecurityIsinCode	Code of the security to be received in case of stock dividend	Text	25					ISO 6166
actionLinkType	Type of link between the corporate action and a previous message that might have been disseminated	Text	50			Y	actionLinkType	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
actionTypeCode	Action type identification code	Text	25					
actionTypeName	Action type designation	Text	150					
announcement	Type of dividend announcement	Text	25			Y	announcement	
annualFee	Fund management fees	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
barrierExistenceEndDate	Date that indicates when a particular instrument characteristic ceases to exist	Date			dd/mm/yyyy			
barrierExistenceStartDate	Date that indicates when a particular instrument characteristic starts to exist	Date			dd/mm/yyyy			
BloombergSymbol	Bloomberg terminal Ticker symbol	Text	35					
BSID	Bloomberg Security ID Number with Source	Number						

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
bullBear	Investment strategy according to Euronext's structured products segmentation	Text	25			Y	bullBear	
calculationFrequency	Coupon calculation frequency	Text	50					
callPut	Option type	Text	25			Y	callPut	
cancellationOrder	Date when orders will be removed from the trading system	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
capitalAmount	Part of the nominal value to be redeemed	Number		10				
capitalAmountCurrency	Amount Currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
capitalGuaranteeStartDate	Date from which the capital guarantee of the product is effective	Date			dd/mm/yyyy			
compartment	Euronext Compartment where the instrument is listed	Text	150			Y	compartment	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
corporateEventTypeCode	Corporate Event type identification code	Text	25					
corporateEventTypeName	Corporate Event type designation	Text	150					
couponAmount	Amount of the coupon	Number		5				
couponFrequency	Coupon payment frequency	Text	50			Y	couponFrequency	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
couponIsinCode	ISIN Code of the coupon (applicable to stock dividends only)	Text	25					ISO 6166
couponNumber	Coupon number (used by Euronext Brussels only when announcing dividends payments)	Num		5				
dateDelisting	Date the instrument will be delisted	Date			dd/mm/yyyy			
dateIpo	IPO date	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
dateListing	Date the instrument will be listed	Date			dd/mm/yyyy			
dateSubscriptionFrom	Starting date of the exercise/subscription period	Date			dd/mm/yyyy			
dateSubscriptionTo	End date of the exercise/subscription period	Date			dd/mm/yyyy			
daycount	Daycount convention used to calculate accrued interest	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
daysBeforeDelisting	Nr of days before the instrument is delisted	Num		0				
dematerialisedInstrIndicator	Indication whether the security is dematerialised or not	Text	25			Y	dematerialisedInstr Indicator	
detachmentDateSubscription	Date when the right will be detached for the security	Date			dd/mm/yyyy			
disseminationNumber	Dissemination number of the notice	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
distributionType	Type of dividend	Text	25			Y	distributionType	
dividend	Indication of the dividend frequency	Text	50					
dividendCentralisingAgency	Financial institution responsible for the dividend payment	Text	100					ISO 6166
dividendDueDate	Fiscal year of the dividend	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
dividendPeriodicity	Dividend Payment Periodicity	Text	25			Y	dividendPeriodicity	
dividendRecordDate	Record date of the dividend payment	Date			dd/mm/yyyy			
earlyRedemptionIndicator	Early redemption indicator	Text	25			Y	earlyRedemptionIndicator	
effectiveDate	Date the corporate action will be effective	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
eTFSegment	ETF segmentation	Text	75			Y	eTFSegment	
euronextCode	Euronext instrument identification code	Text	25					
euronextDesignation	Euronext instrument designation	Text	25					
euronextDesignationNew	New instrument designation	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
exDate	Ex-date of the dividend payment	Date			dd/mm/yyyy			
exerciseDate	Starting date of the exercise period for american type warrants	Date			dd/mm/yyyy			
expositiontype	Investment technique used by the fund manager to replicate the underlyings’ performance.	Text	25			Y	expositiontype	
aiwDate	Date the instrument start trading as AS, IF AND WHEN ISSUED	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
shareholderMeetingTime	Time that the shareholders meeting will take place	Text	25					
finalRedemptionDate	Date the bond is redeemed	Date			dd/mm/yyyy			
fullProductName	Full (legal and/or marketing) product name	Text	250					
fundManager	Name of the entity managing the fund	Text	75					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
GlobalIdentifier	Bloomberg’s global instrument identifier	Num						
globalnominalAmount	Total nominal amount of the bonds issue	Num		5				
grossDividend	Gross dividend amount	Num		5				
grossDividendCurrency	Gross dividend currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
guaranteedCapitalLevel	Amount of capital guaranteed	Text	75					
guaranteeIndicator	Indication of whether or not the trades on the security are guaranteed by the relevant clearing house	Text	25			Y	guaranteeIndicator	
indexFamily	Name of the index licensor	Text	25					
initialNoticeNumber	Dissemination number of a notice that is being corrected/followed//replaced by the new notice	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
instrumentUnderlyingType	Underlying asset type	Text	50					
interestDueDate	Interest due date to calculate accrued interests	Date			dd/mm/yyyy			
interestRateNew	New Interest rate	Text	50					
interestRateOld	Interest rate before the effective date of the corporate action	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
isinCode	ISIN Code of the instrument	Text	25					ISO 6166
issuePrice	Price the instrument was issued	Num		5				
issuePriceCurrency	Issue price currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
issuerCode	Issuer identification code	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
issuerDate	Date the instrument was issued on the Primary market	Date			dd/mm/yyyy			
issuerLetter	Letter used to identify the issuer. (applicable to warrants and certificates only)	Text	25					
issuerName	Name of the Issuer	Text	150					
legalForm	Legal form of the instrument	Text	25			Y	legalForm	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
liquidityProvider1CodeNew	New code used on the trading system to identify the liquidity provider 1	Text	25					
liquidityProvider1CodeOld	Liquidity provider 1 code before the effective date of the corporate action	Text	25					
liquidityProvider1NameNew	New name of the liquidity provider 1	Text	75					
liquidityProvider1NameOld	liquidity provider 1 name before the effective date of the corporate action	Text	75					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
liquidityProvider2CodeNew	New code used on the trading system to identify the liquidity provider 2	Text	25					
liquidityProvider2CodeOld	Liquidity provider 2 code before the effective date of the corporate action	Text	25					
liquidityProvider2NameNew	New name of the liquidity provider 2	Text	75					
liquidityProvider2NameOld	liquidity provider 2 name before the effective date of the corporate action	Text	75					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
liquidityProvider3CodeNew	New code used on the trading system to identify the liquidity provider 3	Text	25					
liquidityProvider3CodeOld	Liquidity provider 3 code before the effective date of the corporate action	Text	25					
liquidityProvider3NameNew	New name of the liquidity provider 3	Text	75					
liquidityProvider4CodeNew	New code used on the trading system to identify the liquidity provider 4	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
liquidityProvider4NameNew	New name of the liquidity provider 4	Text	75					
listingAgent	Name of the entity acting as a paying agent	Text	75					
location	Market of Reference in Euronext's Single Order Book	Text	50			Y	location	
locationCode	Identification code of the Listing Place	Text	25			Y	locationCode	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
locationName	Listing Place	Text	50					
locationTradingPlaceCodification	Identification code of the trading place	Text	25			Y	locationTradingPlaceCodification	
marketCode	Code that identifies the market	Text	25					
marketingProductName	Full marketing product name	Text	100					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
marketName	Name of the Euronext market	Text	50					
maturityDate	End date of the exercise period for american type warrants or exercise date for european type warrants	Date			dd/mm/yyyy			
maxNbIssuedSecurities	Maximum nr of securities that could be issued by the fund	Num		0				
meetingDate	Date of the General Meeting where the split was decided	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
micCode	Market Identification Code	Text	25					
nameTranche	Letters sometimes used by issuers to identify tranches of issued structured products	Text	25					
nationalCode	Specific local code used to identify the instrument	Text	25					
netDividend	Net dividend amount	Num		5				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
netDividendCurrency	Net dividend currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
newCompartment	New Euronext Compartment	Text	150					
newEuronextCode	New Euronext instrument identification code	Text	25					
newIsinCode	New instrument ISIN Code	Text	25					ISO 6166

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
newMarket	New Euronext market name in case of a change of market	Text	50					
newNationalCode	New specific local codes used to identify the instrument	Text	25					
newSecondStrikePriceCurrency	New second strike price currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
newSecuritiesListed	New number of listed securities after a capital increase or decrease	Num		0				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
newSymbol	New trading symbol of the instrument	Text	25					
nextCouponPaymentDateNew	Next coupon payment date	Date			dd/mm/yyyy			
nextCouponPaymentDateOld	Coupon payment date before the effective date of the corporate action	Date			dd/mm/yyyy			
nominalCurrencyNew	New nominal currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
nominalCurrencyOld	Nominal currency before the effective date of the corporate action	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
nominalIncreaseDecreaseCapital	Total nominal amount of the increase/decrease of capital	Num		10				
nominalNew	New nominal value	Num		5				
nominalOld	Nominal value before the effective date of the corporate action	Num		5				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
noticeLinkType	Type of link between the new notice and a notice being corrected/followed/replaced	Text	50			Y	noticeLinkType	
noticeNumber	Number of the Euronext notice	Num		0				
numberOfferedSecurities	Number of securities subscribed by retail investors on an IPO centralised by Euronext Paris	Num		0				
observationDateFrequency	Frequency at which the underlying value will be observed and the structured product potentially redeemed	Text	255			Y	observationDateFrequency	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
oldIssuerName	Issuer name before the effective date of the corporate action	Text	150					
optionType	Option type	Text	25			Y	optionType	
ordersToBeRenewedDate	Effective date for trading members to re-enter orders into the trading system	Date			dd/mm/yyyy			
originalCode	Identification code of the security on which the instrument will be assimilated	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
parityNbBondsNew	New parity: number of bonds	Num		10				
parityNbBondsOld	Parity: number of bonds before the effective date of the corporate action	Num		10				
parityNbSecuritiesNew	New Parity: number of securities	Num		10				
parityNbSecuritiesOld	Parity: number of securities before the effective date of the corporate action	Num		10				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
parityNbStructuredProductsNew	Number of structured products instruments used to calculate the new parity ratio	Num		5				
parityNbStructuredProductsOld	Number of structured products used to calculate the parity ratio before the effective date of the corporate action	Num		5				
parityNbUnderlyingNew	Number of underlying instruments used to calculate the new parity ratio	Num		5				
parityNbUnderlyingOld	Number of underlying used to calculate the former parity ratio before the effective date of the corporate action	Num		5				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
parityRight	Number of required rights to subscribe to shares	Num		10				
paritySecurities	Number of share(s) to receive per set of rights	Num		10				
ParseableDescription	Bloomberg’s instrument description	Text	35					
payingAgentCodeNew	Identification code of the issuer's paying agent	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
payingAgentCodeOld	Identification code of the issuer's paying agent before the effective date of the corporate action	Text	25					
payingAgentNameNew	Name of the issuer's paying agent	Text	100					
payingAgentNameOld	Name of the issuer's paying agent before the effective date of the corporate action	Text	100					
paymentDate	Payment date of the dividend	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
peaEligibility	Special tax regime indicator applicable to saving plan in France	Text	25			Y	peaEligibility	
previousAction	Number of a corporate action to be corrected/followed/replaced by the new corporate action	Text	25					
productType	Product Type	Text	100			Y	productType	
quantityNotation	Trading related information (number of securities or amount)	Text	50			Y	quantityNotation	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
quantoCharacteristic	Currency exposure absorption indicator	Text	25					
ratio	Split - number of new shares	Num		0				
ratioStructuredProductsUnderlyingNew	Parity Number of Structured Products / Parity Number of Underlying Instruments	Num		15				
ratioStructuredProductsUnderlyingOld	Parity Number of Structured Products / Parity Number of Underlying before the effective date of the corporate action	Num		15				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
reason	Origin of capital increase pre defined values	Text	250					
reasonDelisting	Reason why the instrument will be delisted	Text	150					
redemptionFrequency	Bond redemption frequency	Text	50			Y	redemptionFrequency	
reductibleBasisIndicator	Indication whether or not a subscription on a reducible basis by shareholders is possible	Text	25			Y	reductibleBasisIndicator	ISO 6166

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
referencePrice	Reference price for particular operations where a reference price needs to be communicated to the market	Num		10				
referenceRate	Type of floating rate	Text	50			Y	referenceRate	
releaseDate	Date the notice was announced by Euronext	Date			dd/mm/yyyy			
resumptionDate	Date the instrument will resume trading	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
resumptionTime	Time the instrument will resume trading	Text	25					
rightsIsinCode	ISIN code of the right	Text	25					ISO 6166
secondStrikePriceCurrency	Currency of the second strike price	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
secondStrikePriceNew	New second strike price 2	Num		5				see Auxiliary File and Table SP_Info_Strike_2

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
secondStrikePriceOld	Second strike price 2 before the effective date of the corporate action	Num		5				see Auxiliary File and Table SP_Info_Strike_2
sectorIcb	Industry sector classification	Text	150			Y	sectorIcb	
securitiesCancelled	Number of cancelled securities	Num		0				
securitiesIssued	Number of issued securities	Num		0				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
securitiesListed	Number of instruments listed	Num		0				
securitiesToBeListed	Number of instruments to be listed	Num		0				
segment	Indication whether the security is ellegible to be traded by qualifies investors only	Text	25					
segmentationLevel2	Second level of the Euronext ETF segmentation	Text	50			Y	segmentationLevel 2	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
segmentationLevel3	Third level of the Euronext ETF segmentation	Text	50			Y	segmentationLevel 3	
segmentationLevel4	Fourth level of the Euronext ETF segmentation	Text	50			Y	segmentationLevel 4	
settlementDate	Settlement date on the primary market	Date			dd/mm/yyyy			
settlementPlatform	Name of the settlement platform	Text	50					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
settlementType	Type of settlement	Text	50			Y	settlementType	
shareholderMeeting	Date of the shareholders meeting which decided the stock dividend payment	Date			dd/mm/yyyy			
stockDividendCentralisingAgency	Entity responsible for the stock dividend payment	Text	100					ISO 6166
stockDividendDateFrom	Starting date of the shareholders period to choose between cash or stock dividend	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
stockDividendDateTo	End date of the shareholders period to choose between cash or stock dividend	Date			dd/mm/yyyy			
stockDividendSubscriptionPrice	Subscription price of the stock dividend	Num		5				
stockSubscriptionPriceCurrency	Subscription price currency of the stock dividend	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
strike3Currency	Currency of the Strike Price 3	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
strike4Currency	Currency of the Strike Price 4	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
strikePrice	Strike price 1 before the effective date of the corporate action	Num		5				see Auxiliary File and Table SP_Info_Strike_1
strikePrice3	Value of the Strike price field 3	Num		5				see Auxiliary File and Table SP_Info_Strike_3
strikePrice4	Value of the Strike price field 4	Num		5				see Auxiliary File and Table SP_Info_Strike_4

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
strikePriceCurrencyNew	New currency of the strike price 1	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
strikePriceCurrencyOld	Currency of the strike price 1 before the effective date of the corporate action	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
strikePriceNew	New Strike Price 1	Num		5				see Auxiliary File and Table SP_Info_Strike_1
structuredProductsType	Type of structured product according to Euronext's segmentation	Text	75					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
subscriptionCentralisingAgency	Entity responsible for the centralisation of the operation	Text	75					ISO 6166
subscriptionCurrencyPrice	Currency of the subscription price	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
subscriptionPrice	Subscription price of a right	Num		10				
suspensionDate	Date the instrument trading will be suspended	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
suspensionTime	Time at which Trading on the instrument was suspended	Text	25					
TAKOPeriod	Number of days the instruments will be available for Trading After Knock Out	Text		25				If the instrument is not eligible for Trading After Knock Out this field shows the value: “Not Eligible”
TAKODate	Date (according to the Euronext trading calendar) previous to the first day the instrument will be available for Trading After Knock Out	Date			dd/mm/yyyy			

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
TAKOEndDate	Last Date the instrument will be available for Trading After Knock Out	Date			dd/mm/yyyy			
tickSize	Minimum price movement for the security	Num		5				
trading	Indicator whether the instrument is traded in currency or in %	Text	25			Y	trading	
tradingCurrency	Currency the instrument is traded	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
tradingGroupDso	Deffered settlement order trading group indicator (Y/ N) - Paris market only	Text	25			Y	tradingGroupDso	
tradingGroupNew	New trading group	Text	25					
tradingGroupOld	Trading group before the effective date of the corporate action	Text	25					
tradingSize	Minimum lot for trading the instrument	Num		0				

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
tradingSymbol	Trading code (mnemonic)	Text	25					
tradingThresholds	Volatility interruption mechanism that indicates the range in which trading may take place in relation to the indicative Net Asset Value (iNAV).	Num		5				
tradingType	Indication whether the instrument is traded in continuous or fixing	Text	25			Y	tradingType	

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
typeOfCoupon	Type of coupon payment	Text	255			Y	typeOfCoupon	
typeOfOrderToBeRenewed	Type of orders to be re-entered the trading system by members	Text	75			Y	typeOfOrderToBeRenewed	
ucitsIndexUnderliyng	Underlying index of the UCITS	Text	50					
ucitsNavIsinCode	ISIN code of the UCITS - NAV	Text	25					ISO 6166

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
ucitsNavProductName	Product name of the UCITS NAV	Text	25					
ucitsNavSymbolCode	Symbol code of the UCITS - NAV	Text	25					
ucitsRatio	Ratio of the value of 1 unit of the fund compared to the index value	Text	25					
underlyingAlternativeCode	Alternative unique code of the underlying asset (used when the underlying does not have an ISIN code)	Text	25					

FIELD NAME	FIELD DEFINITION	FIELD TYPE	FIELD LENGTH	FIELD DECIMALS	DATE FORMAT	FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES	RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE-DEFINED SET OF POSSIBLE VALUES	COMMENTS
underlyingDesignation	Designation of the underlying asset	Text	50					
underlyingIsinCode	ISIN code of the underlying asset	Text	25					ISO 6166
underlyingListingPlace	Exchange where the underlying asset is listed	Text	50					
underlyingSecurityCode	ISIN code of the security to be acquired following the conversion or redemption of bonds into shares	Text	25					

APPENDIX D: AUXILIARY FILE

D.1 FIELDS IN THE AUXILIARY FILE

Table 5 Fields in the Auxiliary File

FIELD NAME	FIELD DEFINITION	COMMENT
Record_Type	Identifies the type of record	The record types "Issuer" or "Liquidity Provider" or "Paying Agent" provide complementary information to the corporate actions messages. The remainder record types list sets of possible values for corporate actions fields whenever applicable
Internal_Identifier	Internal 's code used to identify a record	
Entity_Name	Name of the entity	Field populated when Record_Type is "Issuer" or "Liquidity Provider" or "Paying Agent"
Entity_Code	Identification code of the entity	Field populated when Record_Type is "Issuer" or "Liquidity Provider" or "Paying Agent"
Entity_Country	Country of the Entity	Field populated when Record_Type is "Issuer"
Entity_Letter	Letter used in the Euronext Designation	Field populated when the Issuer listed warrants or certificates on Euronext
Underlying_ISIN_Code	ISIN Code of the Structured Product's underlying instrument	When this field is not populated use the field Internal_Identifier as the underlying identifier
Underlying_Pseudo_Code	Pseudo Code of the Structured Product's underlying instrument	Field not currently in use
Underlying_Name	Name of the Structured Product's underlying instrument	
Underlying_Short_Name	Short Name of the Structured Product's underlying instrument	
Underlying_Type	Type of the Structured Product's underlying instrument	The value of this field should be included in the list of possible values applicable to the corporate actions field "instrumentUnderlyingType". For details see Record_Type

FIELD NAME	FIELD DEFINITION	COMMENT
		"instrumentUnderlyingType" in Auxiliary file
SP_Marketing_Product_Name	Marketing Product Name of the Structured Product	The Marketing Product Name should be used to interpret the information available in the fields SP_Info_Strike_1, SP_Info_Strike_2, SP_Info_Strike_3 and SP_Info_Strike_4
SP_Marketing_Product_Code	Code of the Structured Product's Marketing Product Name	
SP_Segmentation	Structured Product's Segmentation	The value of this field should be included in the list of possible values applicable to the corporate actions field "structuredProductsType". For details please see Record_Type "structuredProductsType" in Auxiliary file
SP_Risk_Level	Structured Product's risk level according to Euronext's sgmentation	Possible values: "I" or "L" (Investment or leveraged, respectively)
SP_Info_Strike_1	Information on field Strike 1	The value of this field indicates what characteristic of the structured product (see Table SP_Info_Strike_1) should be populated when processing the corporate action fields: strikePrice and strikePriceNew
SP_Info_Strike_2	Information on field Strike 2	The value of this field indicates what characteristic of the structured product (see Table SP_Info_Strike_2) should be populated when processing the corporate action fields: secondStrikePriceNew and secondStrikePriceOld
SP_Info_Strike_3	Information on field Strike 3	The value of this field indicates what characteristic of the structured product (see Table SP_Info_Strike_3) should be populated when processing the corporate action field strikePrice3
SP_Info_Strike_4	Information on field Strike 4	The value of this field indicates what characteristic of the structured product (see Table SP_Info_Strike_4) should be populated when processing the corporate action field strikePrice4

FIELD NAME	FIELD DEFINITION	COMMENT
Field_Values_Codes	Pre-defined possible value of a corporate action field identified by the auxiliary file's field Record_Type	See Field Definitions for details regarding when this field is populated
Field_Values_Name	Additional information related to a certain pre-defined possible value of a corporate action field	Used only when the pre-defined possible value is a numeric code

D.2 TABLE SP_INFO_STRIKE_1

INSTRUMENT CHARACTERISTIC	DEFINITION
Airbag	Airbag level
Barrier_Capital	The level, if reached by underlying asset disactivates the product's capital protection
Bonus_Level	Bonus level
Capped_Value	Represents the maximum value the product can have at any time
Coupon_Amount	Coupon amount in value
empty	Means that the corporate actions fields strikePrice and strikePriceNew should be empty
Initial_Level	Initial level of the underlying asset upon issuance
Lower_Altering_Barrier	Indicates a barrier that when reached by the underlyint alters the nature of the product, the barrier level is lower than current underlying value at time of issuance
Lower_Level	Indicates a barrier that is below the current underlying value at issuance
Lower_Threshold	Corresponds to the knock out level
Lower_Threshold / Financing Level	Corresponds to the knock out level & Financing Level
Protection_Level	Amount of capital protected in nominal
Reference_Level	Reference level used for certain performance tracking products
Strike_Price	Corresponds to the strike price
Upper_Altering_Level	Indicates a barrier that when reached by the underlyint alters the nature of the product, the barrier level is higher than current underlying value at time of issuance
Upper_Level	Indicates a barrier that is above the current underlying value at issuance

INSTRUMENT CHARACTERISTIC	DEFINITION
Upper_Threshold	Corresponds to the knock out level

D.3 TABLE SP_INFO_STRIKE_2

INSTRUMENT CHARACTERISTIC	DEFINITION
Barrier_Coupon	The level, if reached by underlying asset guarantees the payment of the coupon
Capped_Value	represents the maximum value the product can have at any time
Coupon	Coupon amount in %
Coupon_Amount	Coupon amount in value
Coupon_Type	Possible values: Fixed, Variable
empty	Means that the corporate actions fields secondStrikePriceNew and secondStrikePriceOld should be empty
Lower_Altering_Barrier	Indicates a barrier that when reached by the underlyint alters the nature of the product, the barrier level is lower than current underlying value at time of issuance
Lower_Level	Indicates a barrier that is below the current underlying value at issuance
Lower-Altering_Barrier	Indicates a barrier that when reached by the underlyint alters the nature of the product, the barrier level is lower than current underlying value at time of issuance
Nominal_Value	
Participation	Represents the % of the underlying performance which the product will benefit from on the up side
Reference_Level	Reference level used for certain performance tracking products
Strike_Price / Stop Loss	Corresponds to the strike price & stop loss
Upper_Level	Indicates a barrier that is above the current underlying value at issuance
Upper_Threshold	Corresponds to the knock out level

D.4 TABLE SP_INFO_STRIKE_3

INSTRUMENT CHARACTERISTIC	DEFINITION
Capped_Value	Represents the maximum value the product can have at any time
Coupon_Amount	Coupon amount in value
empty	Means that the corporate actions field strikePrice3 should be empty
Initial_Principal_Amount	

INSTRUMENT CHARACTERISTIC	DEFINITION
Level_1	First airbag level for the underlying asset
Lower_Knockin_Level	Indicates the lower of the two levels that set a knock-in window
Participation	Represents the % of the underlying performance which the product will benefit from on the up side
Performance_Cap	Indicates the maximum performance participation for a product in %
Upper_Knockin_Level	Indicates the higher of the two levels that set a knock -in window

D.5 TABLE SP_INFO_STRIKE_4

INSTRUMENT CHARACTERISTIC	DEFINITION
empty	Means that the corporate actions field strikePrice4 should be empty
Lower_Knockin_Level	Indicates the lower of the two levels that set a knock-in window
Performance_1	First % performance applicable up to LEVEL_1
Underlying_Performance	Indicates the performance participation for a product in %
Upper_Knockin_Level	Indicates the higher of the two levels that set a knock -in window

APPENDIX E: STRIKE PRICE INTERPRETATION RULES

See “Strike Price Interpretation Rules.xls” available on https://connect2.euronext.com/en/data/client-specifications (under “Corporate Actions data” / “Euronext Corporate Actions – SFTP Service”)