Document title

OSLO BØRS CORPORATE ACTIONS AND DIVIDENDS CLIENT SPECIFICATION

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1.0

Date
02 November 2020

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PREFACE

DOCUMENT HISTORY

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

VERSION NO.	DATE	CHANGE DESCRIPTION
1.0	27 Aug 2020 (updated 02 Nov 2020)	Initial version **Launch: 30 November 2020**

CONTACT INFORMATION

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FURTHER INFORMATION

- For additional information about the product, please contact us at databyeuronext@euronext.com.

CONTENTS

1. INTRODUCTION 4
2. DATA AND DATA DELIVERY 5
3. SPECIFIC DATA PROCESSING RULES 9
APPENDIX A: CORPORATE ACTIONS BY ASSET/FILE 10
APPENDIX B: EQUITIES FILE (INCLUDES FUNDS) 13
APPENDIX C: BONDS FILE 39
APPENDIX D: ETF FILE 64
APPENDIX E: STRUCTURED PRODUCTS FILE 79
APPENDIX F: DIVIDENDS FILE 111
APPENDIX G: FIELD DEFINITIONS 115
APPENDIX H: AUXILIARY FILE 143
APPENDIX I: STRIKE PRICE INTERPRETATION RULES 147

1. INTRODUCTION

The Oslo Børs Corporate Actions and Dividends product provides information on Oslo Børs listed instruments in a consolidated and timely fashion. This data product is delivered in machine readable format (.txt, .xml,.xlsx).

2. DATA AND DATA DELIVERY

Oslo Børs Corporate Actions and Dividends covers all securities listed on Olso Børs markets and traded on the central order book.

This product provides corporate action information covering the securities life cycle from listing to delisting and dividend distribution information covering Cash, Stock and Optional Dividend payments.

2.1 FILES

The Oslo Børs Corporate Actions and Dividends product is comprised of five files as described in table 1.

Table 1 Files included

	EQUITIES	BONDS	ETF	STRUCTURED PRODUCTS	DIVIDENDS
	Shares, Funds, Stock Warrants and Rights	Bonds and Convertible Bonds	ETFs, ETVs and ETNs	Warrants, Certificates and structured notes	
File	✓	✓	✓	✓	✓

Further information on the list of corporate actions and/or dividend payment types included in each file is available in the Appendices.

The product also includes an Auxiliary File that lists the predefined sets of possible values for fields included in the various files.

2.2 FILE TYPES AND FORMATS

- Corporate actions & Dividens files – XLSX, TXT (pipe delimited), XML
- Auxiliary file – XML

2.3 DELIVERY METHODS

The files are delivered via FTP pull over the internet.

Table 2 Delivery Methods

ENVIRONMENT	
Production:	ftp.data.euronext.com
EUA:	ftp.eua-data.euronext.com

Customers are required to contact the Euronext Licensing Team at databyeuronext@euronext.com to obtain their access credentials.

2.4 FTP DIRECTORY STRUCTURE

2.4.1 Corporate Actions & Dividends Files

- Most Recent Files

Corporate Actions & Dividend Files	/CSH_EU_OSL_REF_CORPACT/ /CURRENT/
Auxiliary File	/ALL_EU_ENXT_REF_CORPACT_AUX/ /CURRENT/

- Historical Files

Corporate Actions & Dividends Files	/CSH_EU_OSL_REF_CORPACT/ /CSH_EU_OSL_REF_CORPACT_YYYY/ /CSH_EU_OSL_REF_CORPACT_YYYYMM/
Auxiliary File	/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 are generated on each trading day for Oslo Børs markets.

2.5.1 Corporate Action and Dividend Files

Provides all content in several files that are generated every hour from 08h00 to 20h CET. Each file contains all the content that was issued from 20h00 CET (on the previous day) until the moment each of the intraday files is generated.

The Auxiliary File is generated every day at 06h00 CET. The file always includes the most recent information required to process the corporate action and dividend files. 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 Naming Convention

Where [Asset] is:

- EQY – Equity (includes Funds)
- FI – Bonds
- FND – ETFs
- SP – Structured Products

2.6.1.1 Most Recent Files

Corporate Actions Files	[Asset]_EU_OSL_REF_CORPACT
Dividends Files	CSH_EU_OSL_REF_DIV
Auxiliary File	ALL_EU_ENXT_REF_CORPACT_AUX

2.6.1.2 Historical Files

Corporate Actions Files	[Asset]_EU_OSL_REF_CORPACT_YYYYMMDD_hh
Dividends Files	CSH_EU_OSL_REF_DIV_YYYYMMDD_hh
Auxiliary File	ALL_EU_ENXT_REF_CORPACT_AUX_ YYYYMMDD

2.7 MESSAGES STRUCTURE AND FIELDS

Each corporate action and dividend record in the files is identified by a specific action type number and includes different fields. The lists of fields covered by each corporate action type included in the various files are described in the Appendices. All the fields included in the corporate action and dividend records are detailed in Field Definitions.

2.8 AUXILIARY FILE

The Auxiliary File is available to assist users developing and maintaining interfaces to integrate the integrate the information included in the corporate action and dividend files provided by Euronext.

The Auxiliary File lists all fields included in the corporate action and dividend files for which a predefined set of possible values applies and for each field of these fields the possible values is also listed.

For a description of the fields included in the Auxiliary File, see Auxiliary File. The Appendix also provides a data definition and guidance on how to use the information.

3. SPECIFIC DATA PROCESSING RULES

3.1 DELISTING CORPORATE ACTION TYPES

The following rules should apply when processing the delisting corporate actions information.

Table 3

CORPORATE ACTION TYPE	RULE
0019: Delisting of shares 0034: Delisting of bonds 0063: Delisting Structured products 0064: TAKO Delisting of Structured Products	Delisting takes place before the opening of the trading session on the delisting date (field name = “dateDelisting”). The “effectiveDate” should be ignored when processing these Corporate Action Type messages.
0088: Delisting MM instruments	Delisting takes place after closing of the trading session on the delisting date (field name = “dateDelisting”) The “effectiveDate” should be ignored when processing this Corporate Action Type message.

APPENDIX A: CORPORATE ACTIONS BY ASSET/FILE

Table 4 Corporate Actions by Asset/File

CORPORATE ACTION TYPE NUMBER	CORPORATE ACTION TYPE	ASSET/FILE				
		EQUITIES (INCLUDES FUNDS)	BONDS	ETFS	STRUCTURED PRODUCTS	DIVIDENDS
0001	Change of Issuer name and Product Name	Y	Y	Y	Y	
0002	Change of codes	Y	Y	Y	Y	
0003	Trading suspension	Y	Y	Y	Y	
0004	Trading resumption	Y	Y	Y	Y	
0005	Cancellation of orders	Y	Y	Y	Y	
0006	Change of trading group	Y	Y	Y	Y	
0007	Change of paying agent	Y	Y	Y	Y	
0008	Change of liquidity provider	Y	Y	Y	Y	
0011	Detachment from the stock of a subscription right	Y	Y	Y		
0012	Detachment from the stock of attribution right	Y	Y	Y		
0013	Assimilation	Y	Y	Y	Y	
0014	Change of securities form	Y	Y	Y		
0015	Shares AIW Issued	Y				
0016	Listing of shares	Y				
0017	Listing under a new line of shares	Y				
0018	Increase of the number of shares	Y				
0019	Delisting of shares	Y				
0020	Change of nominal value	Y	Y			
0021	Amortization of capital	Y				
0022	Split of number of shares	Y				
0023	Decrease of the number of shares	Y				
0024	Stock dividend					Y
0025	Cash dividend					Y
0026	Optional dividend					Y
0027	Market transfer	Y	Y	Y	Y	

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CORPORATE ACTION TYPE NUMBER	CORPORATE ACTION TYPE	ASSET/FILE				
		EQUITIES (INCLUDES FUNDS)	BONDS	ETFS	STRUCTURED PRODUCTS	DIVIDENDS
0028	Change of the number of issued shares	Y				
0029	Bonds AIW issued		Y			
0030	Listing of bonds		Y			
0031	Stripping of bonds		Y			
0032	Increase of the number of bonds		Y			
0033	Change of bonds characteristics		Y			
0034	Delisting of bonds		Y			
0035	Decrease of the number of listed bonds		Y			
0036	Amortization of debt issue		Y			
0037	Update of bonds coupon		Y			
0038	Listing of structured products				Y	
0039	Delisting of structured products				Y	
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	
0043	Listing of ETP			Y		
0044	Change of trackers characteristics			Y		
0045	Stock warrants AIW Issued	Y				
0046	Listing of stock warrants	Y				
0047	Increase of the number of stock warrants	Y				
0048	Decrease of the number of stock warrants	Y				
0049	Change of stock warrants characteristics	Y				
0050	Delisting of stock warrants	Y				
0051	Listing – Delisting of Dividend coupon					Y
0052	Listing – Delisting of Right	Y				
0053	Structured Products AIW issued				Y	
0054	Common – Increase from assimilation	Y	Y			
0055	Convertible bonds – Listing of convertible bonds		Y			
0056	Increase of the number of trackers			Y		

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CORPORATE ACTION TYPE NUMBER	CORPORATE ACTION TYPE	ASSET/FILE				
		EQUITIES (INCLUDES FUNDS)	BONDS	ETFS	STRUCTURED PRODUCTS	DIVIDENDS
0057	Decrease of the number of trackers			Y		
0059	Delisting of Unit			Y		
0061	Change of convertible bonds characteristics		Y			
0062	Delisting of convertible bonds		Y			
0063	Delisting Structured Products				Y	
0064	TAKO Delisting of Structured Products				Y	
0065	Increase of the number of Units			Y		
0066	Change of the number of issued units			Y		
0067	Sectorial Classification update	Y		Y		
0073	Listing Delisting MM instruments		Y			
0074	Change number listed MM instruments		Y			
0078	Change of compartment	Y	Y	Y		
0081	Decrease of the number of units			Y		
0083	Listing of structured notes				Y	
0087	Delisting of Trackers			Y		
0088	Delisting MM instruments		Y			
0089	Listing of Units			Y		
0086	Product information	Y	Y	Y	Y	Y
0090	IPO subscription on NSC	Y		Y		
0091	Cash dividend – ETF					Y
0092	Detachment VVPR Strip					Y
0097	Bonds – Interest Payment		Y			
0105	Funds - Listing of funds	Y				

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APPENDIX B: EQUITIES FILE (INCLUDES FUNDS)

List of fields covered by each corporate action included in the Equities file.

B.1 EQUITIES FILE CORPORATE ACTION NUMBER 0001 – 0014

Table 5 Equities File Corporate Action Number 0001 – 0014

	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol												Y
GlobalIdentifier												Y

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
ParseableDescription												Y
BSID												
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew												
nominalCurrencyNew												
nominalOld												
nominalCurrencyOld												
securitiesIssued												
securitiesToBeListed												
securitiesCancelled												

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
newSecuritiesListed												
issuePrice												
issuePriceCurrency												
dividendDueDate												
securitiesListed											Y	
legalForm												Y
dematerialisedInstrIndicator												Y
sector												
dateIpo												
newMarket												
fullProductName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
listingAgent												
tradingGroupNew						Y						
tradingGroupDso						Y						
tradingType						Y						

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
tradingCurrency						Y						
trading						Y						
settlementPlatform												
guaranteeIndicator						Y						
dateListing												
tradingSize						Y						
nominalIncreaseDecreaseCapital												
referencePrice												
reason												
liquidityProvider1CodeNew								Y				
liquidityProvider1NameNew								Y				
liquidityProvider1CodeOld								Y				
liquidityProvider1NameOld								Y				
issuerDate												
exerciseDate												

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
maturityDate												
underlyingIsinCode						Y						
underlyingDesignation												
parityNbStructuredProductsNew												
parityNbUnderlyingNew												
parityNbStructuredProductsOld												
parityNbUnderlyingOld												
strikePriceNew												
strikePriceCurrencyNew												
strikePrice												
strikePriceCurrencyOld												
segment												
newIsinCode		Y										
newSymbol	Y	Y										
newEuronextCode		Y										

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
newNationalCode		Y										
euronextDesignationNew	Y	Y										
newCompartment												
tradingGroupOld						Y						
dateDelisting											Y	
reasonDelisting												
dateSubscriptionFrom									Y	Y		
dateSubscriptionTo									Y	Y		
detachmentDateSubscription									Y	Y		
reductibleBasisIndicator									Y			
subscriptionPrice									Y			
subscriptionCurrencyPrice									Y			
numberOfferedSecurities												
parityRight									Y	Y		
paritySecurities									Y	Y		
rightsIsinCode									Y	Y		
acquiredSecurityCode									Y	Y		
subscriptionCentralisingAgency									Y	Y		

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
meetingDate												
ratio												
cancellationOrder		Y		Y	Y				Y	Y		
typeOfOrderToBeRenewed		Y		Y	Y				Y	Y		
ordersToBeRenewedDate		Y		Y	Y				Y	Y		
oldIssuerName	Y											
originalCode											Y	
payingAgentCodeOld							Y					
payingAgentNameOld							Y					
payingAgentCodeNew							Y					
payingAgentNameNew							Y					
suspensionDate			Y									
suspensionTime			Y									
resumptionDate				Y								
resumptionTime				Y								
aiwDate												
paymentDate												
dividendRecordDate												
exDate												
dividendCentralisingAgency												
capitalAmount												

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	CORPORATE ACTION TYPE & NUMBER											
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014
capitalAmountCurrency												
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

B.2 EQUITIES FILE CORPORATE ACTION NUMBERS 0015 – 0045

Table 6 Equities File Corporate Action Numbers 0015 – 0045

	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol												
GlobalIdentifier												
ParseableDescription												
BSID												
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew	Y	Y	Y			Y	Y	Y				
nominalCurrencyNew	Y	Y	Y			Y	Y	Y				
nominalOld				Y		Y	Y	Y	Y			
nominalCurrencyOld				Y		Y	Y	Y	Y			
securitiesIssued											Y	

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
securitiesToBeListed	Y	Y	Y	Y				Y				Y
securitiesCancelled									Y			
newSecuritiesListed		Y	Y	Y				Y	Y			Y
issuePrice	Y	Y	Y									Y
issuePriceCurrency	Y	Y	Y									Y
dividendDueDate		Y	Y									
securitiesListed				Y	Y	Y		Y	Y	Y		
legalForm	Y	Y	Y									
dematerialisedInstrIndicator	Y	Y										
sector												
dateIpo	Y	Y										
newMarket										Y		
fullProductName		Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
listingAgent	Y	Y										
tradingGroupNew	Y	Y	Y							Y		Y
tradingGroupDso	Y	Y	Y							Y		
tradingType	Y	Y	Y							Y		Y
tradingCurrency	Y	Y	Y							Y		Y
trading	Y	Y	Y							Y		Y
settlementPlatform	Y	Y	Y					Y		Y		Y

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
guaranteeIndicator	Y	Y	Y							Y		Y
dateListing	Y	Y	Y									Y
tradingSize	Y	Y	Y							Y		Y
nominalIncreaseDecreaseCapital				Y				Y	Y			
referencePrice				Y								
reason			Y	Y								
liquidityProvider1CodeNew	Y	Y										
liquidityProvider1NameNew	Y	Y										
liquidityProvider1CodeOld												
liquidityProvider1NameOld												
issuerDate												Y
exerciseDate												Y
maturityDate												Y
underlyingIsinCode												Y
underlyingDesignation												Y
parityNbStructuredProductsNew												Y
parityNbUnderlyingNew												Y
parityNbStructuredProductsOld												
parityNbUnderlyingOld												
strikePriceNew												Y

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
strikePriceCurrencyNew												Y
strikePrice												
strikePriceCurrencyOld												
segment		Y										
newIsinCode												
newSymbol										Y		
newEuronextCode												
newNationalCode												
euronextDesignationNew												
newCompartment												
tradingGroupOld										Y		
dateDelisting					Y							
reasonDelisting					Y							
dateSubscriptionFrom												
dateSubscriptionTo												
detachmentDateSubscription												
reductibleBasisIndicator												
subscriptionPrice												
subscriptionCurrencyPrice												
numberOfferedSecurities												

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
parityRight												
paritySecurities												
rightsIsinCode												
acquiredSecurityCode												
subscriptionCentralisingAgency												
meetingDate								Y				
ratio								Y				
cancellationOrder							Y	Y		Y		
typeOfOrderToBeRenewed							Y	Y		Y		
ordersToBeRenewedDate							Y	Y		Y		
oldIssuerName												
originalCode												
payingAgentCodeOld												
payingAgentNameOld												
payingAgentCodeNew	Y	Y	Y									Y
payingAgentNameNew	Y	Y	Y									Y
suspensionDate												
suspensionTime												
resumptionDate												
resumptionTime												

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	CORPORATE ACTION TYPE & NUMBER											
	SHARES AIW ISSUED	LISTING OF SHARES	LISTING UNDER A NEW LINE OF SHARES	INCREASE OF THE NUMBER OF SHARES	DELISTING OF SHARES	CHANGE OF NOMINAL VALUE	AMORTIZATION OF CAPITAL	SPLIT OF NUMBER OF SHARES	DECREASE OF THE NUMBER OF SHARES	MARKET TRANSFER	CHANGE OF THE NUMBER OF ISSUED SHARES	STOCK WARRANTS AIW ISSUED
FIELDS	0015	0016	0017	0018	0019	0020	0021	0022	0023	0027	0028	0045
aiwDate	Y											Y
paymentDate							Y					
dividendRecordDate							Y					
exDate							Y					
dividendCentralisingAgency							Y					
capitalAmount							Y					
capitalAmountCurrency							Y					
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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B.3 EQUITIES FILE CORPORATE ACTION NUMBER 0046 – 0090

Table 7 Equities File Corporate Action Number 0046- 0090

	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol										
GlobalIdentifier										
ParseableDescription										
BSID										
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew										
nominalCurrencyNew										
nominalOld							Y			
nominalCurrencyOld							Y			
securitiesIssued										

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
securitiesToBeListed	Y	Y				Y	Y			
securitiesCancelled			Y							
newSecuritiesListed	Y	Y	Y			Y	Y			
issuePrice	Y	Y								Y
issuePriceCurrency	Y	Y								Y
dividendDueDate							Y			
securitiesListed		Y	Y				Y			
legalForm										
dematerialisedInstrIndicator										
sector										
dateIpo										
newMarket										
fullProductName	Y	Y	Y	Y	Y	Y	Y			
listingAgent										
tradingGroupNew	Y					Y				Y
tradingGroupDso										
tradingType	Y	Y				Y				
tradingCurrency	Y	Y				Y				
trading	Y	Y				Y				
settlementPlatform	Y					Y				

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
guaranteeIndicator	Y					Y				
dateListing	Y	Y				Y			Y	
tradingSize	Y	Y				Y				
nominalIncreaseDecreaseCapital										
referencePrice										
reason										
liquidityProvider1CodeNew										
liquidityProvider1NameNew										
liquidityProvider1CodeOld										
liquidityProvider1NameOld										
issuerDate	Y									
exerciseDate	Y	Y								
maturityDate	Y	Y		Y	Y					
underlyingIsinCode	Y	Y		Y						
underlyingDesignation	Y	Y		Y						
parityNbStructuredProductsNew	Y			Y						
parityNbUnderlyingNew	Y			Y						
parityNbStructuredProductsOld		Y		Y						
parityNbUnderlyingOld		Y		Y						
strikePriceNew	Y			Y						

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
strikePriceCurrencyNew	Y			Y						
strikePrice		Y		Y						
strikePriceCurrencyOld		Y		Y						
segment										
newIsinCode										
newSymbol										
newEuronextCode										
newNationalCode										
euronextDesignationNew				Y						
newCompartment									Y	
tradingGroupOld		Y								
dateDelisting					Y	Y				
reasonDelisting					Y					
dateSubscriptionFrom										Y
dateSubscriptionTo										Y
detachmentDateSubscription										
reductibleBasisIndicator										
subscriptionPrice										
subscriptionCurrencyPrice										
numberOfferedSecurities										Y

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
parityRight										
paritySecurities										
rightsIsinCode										
acquiredSecurityCode										
subscriptionCentralisingAgency										
meetingDate										
ratio										
cancellationOrder										
typeOfOrderToBeRenewed										
ordersToBeRenewedDate										
oldIssuerName										
originalCode										
payingAgentCodeOld		Y			Y					
payingAgentNameOld		Y			Y					
payingAgentCodeNew	Y									
payingAgentNameNew	Y									
suspensionDate										
suspensionTime										
resumptionDate										
resumptionTime										

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	CORPORATE ACTION TYPE & NUMBER									
	LISTING OF STOCK WARRANTS	INCREASE OF THE NUMBER OF STOCK WARRANTS	DECREASE OF THE NUMBER OF STOCK WARRANTS	CHANGE OF STOCK WARRANTS CHARACTERISTICS	DELISTING OF STOCK WARRANTS	LISTING – DELISTING OF RIGHT	COMMON – INCREASE FROM ASSIMILATION	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	IPO SUBSCRIPTION ON NSC
FIELDS	0046	0047	0048	0049	0050	0052	0054	0067	0078	0090
aiwDate										
paymentDate										
dividendRecordDate										
exDate										
dividendCentralisingAgency										
capitalAmount										
capitalAmountCurrency										
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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B.4 EQUITIES FILE CORPORATE ACTION NUMBER 0105

Table 8 Equities FileCorporate Action Number 0105

CORPORATE ACTION TYPE & NUMBER	
	FUNDS - LISTING OF FUNDS
FIELDS	0105
noticeNumber	Y
disseminationNumber	Y
corporateEventTypeName	Y
corporateEventTypeCode	Y
issuerName	Y
issuerCode	Y
locationName	Y
locationCode	Y
locationTradingPlaceCodification	Y
releaseDate	Y
initialNoticeNumber	Y
noticeLinkType	Y
productType	Y
actionTypeName	Y
actionTypeCode	Y
marketName	Y
marketCode	
effectiveDate	Y
isinCode	Y
euronextCode	Y
nationalCode	
tradingSymbol	Y
BloombergSymbol	
GlobalIdentifier	
ParseableDescription	
BSID	
euronextDesignation	Y
compartment	
location	Y
previousAction	
actionLinkType	
micCode	Y
nominalNew	
nominalCurrencyNew	
nominalOld	
nominalCurrencyOld	
securitiesIssued	Y
securitiesToBeListed	Y
securitiesCancelled	
newSecuritiesListed	
issuePrice	Y

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CORPORATE ACTION TYPE & NUMBER	
	FUNDS - LISTING OF FUNDS
FIELDS	**0105**
issuePriceCurrency	Y
dividendDueDate	
securitiesListed	
legalForm	Y
dematerialisedInstrIndicator	
sector	
dateIpo	
newMarket	
fullProductName	Y
listingAgent	
tradingGroupNew	Y
tradingGroupDso	
tradingType	Y
tradingCurrency	Y
trading	Y
settlementPlatform	Y
guaranteeIndicator	Y
dateListing	Y
tradingSize	Y
nominalIncreaseDecreaseCapital	
referencePrice	
reason	
liquidityProvider1CodeNew	
liquidityProvider1NameNew	
liquidityProvider1CodeOld	
liquidityProvider1NameOld	
issuerDate	
exerciseDate	
maturityDate	
underlyingIsinCode	
underlyingDesignation	
parityNbStructuredProductsNew	
parityNbUnderlyingNew	
parityNbStructuredProductsOld	
parityNbUnderlyingOld	
strikePriceNew	
strikePriceCurrencyNew	
strikePrice	
strikePriceCurrencyOld	
segment	
newIsinCode	
newSymbol	Y
newEuronextCode	
newNationalCode	
euronextDesignationNew	Y
newCompartment	

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CORPORATE ACTION TYPE & NUMBER	
	FUNDS - LISTING OF FUNDS
FIELDS	**0105**
tradingGroupOld	
dateDelisting	
reasonDelisting	
dateSubscriptionFrom	
dateSubscriptionTo	
detachmentDateSubscription	
reductibleBasisIndicator	
subscriptionPrice	
subscriptionCurrencyPrice	
numberOfferedSecurities	
parityRight	
paritySecurities	
rightsIsinCode	
acquiredSecurityCode	
subscriptionCentralisingAgency	
meetingDate	
ratio	
cancellationOrder	
typeOfOrderToBeRenewed	
ordersToBeRenewedDate	
oldIssuerName	
originalCode	
payingAgentCodeOld	
payingAgentNameOld	
payingAgentCodeNew	
payingAgentNameNew	
suspensionDate	
suspensionTime	
resumptionDate	
resumptionTime	
aiwDate	
paymentDate	
dividendRecordDate	
exDate	
dividendCentralisingAgency	
capitalAmount	
capitalAmountCurrency	
freeTextZone	Y

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APPENDIX C: BONDS FILE

List of fields covered by each corporate action included in the Bonds file.

C.1 BONDS FILE CORPORATE ACTION NUMBERS 0001 – 0013

Table 9 Bonds File Corporate Action Numbers 0001 – 0013

	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol											
GlobalIdentifier											
ParseableDescription											
BSID											
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
nominalNew											
nominalCurrencyNew											
nominalOld											
nominalCurrencyOld											
securitiesToBeListed											
newSecuritiesListed											
securitiesListed											Y
securitiesCancelled											
issuePrice											
issuePriceCurrency											
payingAgentCodeNew							Y				
payingAgentNameNew							Y				
payingAgentCodeOld							Y				
payingAgentNameOld							Y				
fullProductName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
newMarket											
newIsinCode		Y									
newSymbol	Y	Y									
newEuronextCode		Y									
newNationalCode		Y									

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
euronextDesignationNew	Y	Y									
newCompartment											
tradingGroupNew						Y					
tradingGroupOld						Y					
tradingGroupDso						Y					
tradingType						Y					
tradingCurrency						Y					
trading						Y					
settlementPlatform											
guaranteeIndicator						Y					
dateListing											
dateDelisting											Y
reasonDelisting											
tradingSize						Y					
capitalAmount											
capitalAmountCurrency											
liquidityProvider1CodeOld								Y			
liquidityProvider1NameOld								Y			
liquidityProvider2CodeOld											
liquidityProvider2NameOld											

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
liquidityProvider3CodeOld											
liquidityProvider1CodeNew								Y			
liquidityProvider1NameNew								Y			
liquidityProvider2CodeNew											
liquidityProvider2NameNew											
maturityDate											
globalnominalAmount											
settlementDate											
interestDueDate											
nextCouponPaymentDateNew											
nextCouponPaymentDateOld											
typeOfCoupon											
couponFrequency											
finalRedemptionDate											
interestRateNew											
interestRateOld											
referenceRate											
redemptionFrequency											
earlyRedemptionIndicator											
daycount											

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
calculationFrequency											
quantityNotation											
dividendDueDate											
underlyingSecurityCode											
parityNbBondsOld											
parityNbSecuritiesOld											
parityNbBondsNew											
parityNbSecuritiesNew											
oldIssuerName	Y										
originalCode											Y
cancellationOrder		Y		Y	Y				Y	Y	
typeOfOrderToBeRenewed		Y		Y	Y				Y	Y	
ordersToBeRenewedDate		Y		Y	Y				Y	Y	
suspensionDate			Y								
suspensionTime			Y								
resumptionDate				Y							
resumptionTime				Y							
aiwDate											
dateSubscriptionFrom									Y	Y	
dateSubscriptionTo									Y	Y	

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013
detachmentDateSubscription									Y	Y	
reductibleBasisIndicator									Y		
subscriptionPrice									Y		
subscriptionCurrencyPrice									Y		
parityRight									Y	Y	
paritySecurities									Y	Y	
rightsIsinCode									Y	Y	
acquiredSecurityCode									Y	Y	
subscriptionCentralisingAgency									Y	Y	
legalForm											
dematerialisedInstrIndicator											
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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C.2 BONDS FILE CORPORATE ACTION NUMBERS 0014 – 0036

Table 10 Bonds File Corporate Action Numbers 0014 – 0036

	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol											
GlobalIdentifier											
ParseableDescription											
BSID											
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew		Y		Y	Y	Y					Y
nominalCurrencyNew		Y		Y	Y	Y					Y
nominalOld		Y				Y	Y	Y			Y
nominalCurrencyOld		Y				Y	Y	Y			Y
securitiesToBeListed				Y	Y	Y	Y				

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
newSecuritiesListed				Y	Y	Y	Y			Y	
securitiesListed		Y	Y				Y	Y		Y	Y
securitiesCancelled										Y	
issuePrice				Y	Y		Y				
issuePriceCurrency				Y	Y		Y				
payingAgentCodeNew				Y	Y						
payingAgentNameNew				Y	Y						
payingAgentCodeOld							Y				
payingAgentNameOld							Y				
fullProductName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
newMarket			Y								
newIsinCode											
newSymbol			Y								
newEuronextCode											
newNationalCode											
euronextDesignationNew								Y			
newCompartment											
tradingGroupNew			Y	Y	Y	Y					
tradingGroupOld			Y				Y				
tradingGroupDso			Y								

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
tradingType			Y	Y	Y	Y	Y				
tradingCurrency			Y	Y	Y	Y	Y				
trading			Y	Y	Y	Y	Y				
settlementPlatform			Y	Y	Y	Y	Y				
guaranteeIndicator			Y	Y	Y	Y	Y				
dateListing				Y	Y	Y					
dateDelisting									Y		
reasonDelisting									Y	Y	
tradingSize			Y	Y	Y	Y	Y				Y
capitalAmount											Y
capitalAmountCurrency											Y
liquidityProvider1CodeOld					Y		Y				
liquidityProvider1NameOld					Y		Y				
liquidityProvider2CodeOld					Y						
liquidityProvider2NameOld					Y						
liquidityProvider3CodeOld					Y						
liquidityProvider1CodeNew				Y	Y						
liquidityProvider1NameNew				Y	Y						
liquidityProvider2CodeNew				Y	Y						
liquidityProvider2NameNew				Y	Y						

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
maturityDate				Y	Y	Y	Y	Y	Y		
globalnominalAmount				Y	Y		Y				
settlementDate				Y	Y	Y	Y				
interestDueDate				Y	Y	Y	Y				
nextCouponPaymentDateNew				Y	Y	Y	Y				
nextCouponPaymentDateOld											
typeOfCoupon											
couponFrequency				Y	Y		Y				
finalRedemptionDate				Y	Y	Y	Y				
interestRateNew				Y	Y	Y		Y			
interestRateOld							Y	Y			
referenceRate											
redemptionFrequency				Y	Y		Y				
earlyRedemptionIndicator				Y	Y		Y				
daycount				Y	Y		Y				
calculationFrequency				Y	Y		Y				
quantityNotation											
dividendDueDate											
underlyingSecurityCode								Y			
parityNbBondsOld								Y			

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
parityNbSecuritiesOld								Y			
parityNbBondsNew								Y			
parityNbSecuritiesNew								Y			
oldIssuerName											
originalCode											
cancellationOrder			Y								
typeOfOrderToBeRenewed			Y								
ordersToBeRenewedDate			Y								
suspensionDate											
suspensionTime											
resumptionDate											
resumptionTime											
aiwDate				Y							
dateSubscriptionFrom											
dateSubscriptionTo											
detachmentDateSubscription											
reductibleBasisIndicator											
subscriptionPrice											
subscriptionCurrencyPrice											
parityRight											

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	CORPORATE ACTION TYPE & NUMBER										
	CHANGE OF SECURITIES FORM	CHANGE OF NOMINAL VALUE	MARKET TRANSFER	BONDS AIW ISSUED	LISTING OF BONDS	STRIPPING OF BONDS	INCREASE OF THE NUMBER OF BONDS	CHANGE OF BONDS CHARACTERISTICS	DELISTING OF BONDS	DECREASE OF THE NUMBER OF LISTED BONDS	AMORTIZATION OF DEBT ISSUE
FIELDS	0014	0020	0027	0029	0030	0031	0032	0033	0034	0035	0036
paritySecurities											
rightsIsinCode											
acquiredSecurityCode											
subscriptionCentralisingAgency											
legalForm	Y										
dematerialisedInstrIndicator	Y										
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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C.3 BONDS FILE CORPORATE ACTION NUMBERS 0037 – 0088

Table 11 Bonds File Corporate Action Numbers 0037 – 0088

	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol									
GlobalIdentifier									
ParseableDescription									
BSID									
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew			Y			Y			

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
nominalCurrencyNew			Y			Y			
nominalOld		Y		Y					
nominalCurrencyOld		Y		Y					
securitiesToBeListed		Y	Y			Y	Y		
newSecuritiesListed		Y	Y			Y	Y		
securitiesListed		Y		Y			Y		
securitiesCancelled							Y		
issuePrice			Y						
issuePriceCurrency			Y						
payingAgentCodeNew			Y						
payingAgentNameNew			Y						
payingAgentCodeOld									
payingAgentNameOld									
fullProductName	Y	Y	Y	Y	Y				
newMarket									
newIsinCode									
newSymbol									
newEuronextCode									

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
newNationalCode									
euronextDesignationNew	Y			Y					
newCompartment								Y	
tradingGroupNew			Y			Y			
tradingGroupOld	Y								
tradingGroupDso									
tradingType			Y			Y			
tradingCurrency			Y			Y			
trading			Y			Y			
settlementPlatform			Y			Y			
guaranteeIndicator	Y		Y			Y			
dateListing			Y			Y		Y	
dateDelisting					Y	Y	Y		Y
reasonDelisting					Y				
tradingSize			Y			Y			
capitalAmount									
capitalAmountCurrency									
liquidityProvider1CodeOld									

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
liquidityProvider1NameOld									
liquidityProvider2CodeOld									
liquidityProvider2NameOld									
liquidityProvider3CodeOld									
liquidityProvider1CodeNew									
liquidityProvider1NameNew									
liquidityProvider2CodeNew									
liquidityProvider2NameNew									
maturityDate			Y		Y	Y			
globalnominalAmount			Y			Y	Y		
settlementDate			Y			Y			
interestDueDate			Y						
nextCouponPaymentDateNew	Y		Y						
nextCouponPaymentDateOld	Y		Y						
typeOfCoupon						Y			
couponFrequency			Y			Y			
finalRedemptionDate			Y						
interestRateNew	Y		Y	Y		Y			

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
interestRateOld	Y			Y					
referenceRate						Y			
redemptionFrequency			Y						
earlyRedemptionIndicator			Y						
daycount			Y			Y			
calculationFrequency			Y						
quantityNotation						Y			
dividendDueDate		Y							
underlyingSecurityCode			Y	Y					
parityNbBondsOld			Y	Y					
parityNbSecuritiesOld			Y	Y					
parityNbBondsNew			Y	Y					
parityNbSecuritiesNew			Y	Y					
oldIssuerName									
originalCode									
cancellationOrder									
typeOfOrderToBeRenewed									
ordersToBeRenewedDate									

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
suspensionDate									
suspensionTime									
resumptionDate									
resumptionTime									
aiwDate									
dateSubscriptionFrom									
dateSubscriptionTo									
detachmentDateSubscription									
reductibleBasisIndicator									
subscriptionPrice									
subscriptionCurrencyPrice									
parityRight									
paritySecurities									
rightsIsinCode									
acquiredSecurityCode									
subscriptionCentralisingAgency									
legalForm									
dematerialisedInstrIndicator									

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	CORPORATE ACTION TYPE & NUMBER								
	UPDATE OF BONDS COUPON	INCREASE FROM ASSIMILATION	CONVERTIBLE BONDS – LISTING OF CONVERTIBLE BONDS	CHANGE OF CONVERTIBLE BONDS CHARACTERISTICS	DELISTING OF CONVERTIBLE BONDS	LISTING DELISTING MM INSTRUMENTS	CHANGE NUMBER LISTED MM INSTRUMENTS	CHANGE OF COMPARTMENT	DELISTING MM INSTRUMENTS
FIELDS	0037	0054	0055	0061	0062	0073	0074	0078	0088
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y

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C.4 BONDS FILE CORPORATE ACTION NUMBERS 0097

Table 12 Bonds File Corporate Action Numbers 0097

CORPORATE ACTION TYPE & NUMBER	
	BONDS – INTEREST PAYMENT
FIELDS	0097
noticeNumber	Y
disseminationNumber	Y
corporateEventTypeName	Y
corporateEventTypeCode	Y
issuerName	Y
issuerCode	Y
locationName	Y
locationCode	Y
locationTradingPlaceCodification	Y
releaseDate	Y
initialNoticeNumber	Y
noticeLinkType	Y
productType	Y
actionTypeName	Y
actionTypeCode	Y
marketName	Y
marketCode	Y
effectiveDate	Y
isinCode	Y
euronextCode	Y
nationalCode	Y
tradingSymbol	Y
BloombergSymbol	
GlobalIdentifier	
ParseableDescription	
BSID	
euronextDesignation	Y
compartment	Y
location	Y
previousAction	Y
actionLinkType	Y
micCode	Y
nominalNew	
nominalCurrencyNew	
nominalOld	
nominalCurrencyOld	
securitiesToBeListed	
newSecuritiesListed	
securitiesListed	Y
securitiesCancelled	
issuePrice	
issuePriceCurrency	

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CORPORATE ACTION TYPE & NUMBER	
	BONDS – INTEREST PAYMENT
FIELDS	0097
payingAgentCodeNew	
payingAgentNameNew	
payingAgentCodeOld	
payingAgentNameOld	
fullProductName	
newMarket	
newIsinCode	
newSymbol	
newEuronextCode	
newNationalCode	
euronextDesignationNew	
newCompartment	
tradingGroupNew	
tradingGroupOld	
tradingGroupDso	
tradingType	
tradingCurrency	
trading	
settlementPlatform	
guaranteeIndicator	
dateListing	
dateDelisting	
reasonDelisting	
tradingSize	
capitalAmount	
capitalAmountCurrency	
liquidityProvider1CodeOld	
liquidityProvider1NameOld	
liquidityProvider2CodeOld	
liquidityProvider2NameOld	
liquidityProvider3CodeOld	
liquidityProvider1CodeNew	
liquidityProvider1NameNew	
liquidityProvider2CodeNew	
liquidityProvider2NameNew	
maturityDate	
globalnominalAmount	
settlementDate	
interestDueDate	
nextCouponPaymentDateNew	
nextCouponPaymentDateOld	
typeOfCoupon	
couponFrequency	
finalRedemptionDate	
interestRateNew	
interestRateOld	

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CORPORATE ACTION TYPE & NUMBER	
	BONDS – INTEREST PAYMENT
FIELDS	0097
referenceRate	
redemptionFrequency	
earlyRedemptionIndicator	
daycount	
calculationFrequency	
quantityNotation	
dividendDueDate	
underlyingSecurityCode	
parityNbBondsOld	
parityNbSecuritiesOld	
parityNbBondsNew	
parityNbSecuritiesNew	
oldIssuerName	
originalCode	
cancellationOrder	
typeOfOrderToBeRenewed	
ordersToBeRenewedDate	
suspensionDate	
suspensionTime	
resumptionDate	
resumptionTime	
aiwDate	
dateSubscriptionFrom	
dateSubscriptionTo	
detachmentDateSubscription	
reductibleBasisIndicator	
subscriptionPrice	
subscriptionCurrencyPrice	
parityRight	
paritySecurities	
rightsIsinCode	
acquiredSecurityCode	
subscriptionCentralisingAgency	
legalForm	
dematerialisedInstrIndicator	
freeTextZone	Y

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APPENDIX D: ETF FILE

List of fields covered by each corporate action included in the ETFs file.

D.1 ETF FILE CORPORATE ACTION NUMBERS 0001 – 0027

Table 13 ETFs File Corporate Action Numbers 0001 – 0027

	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol												Y	Y
GlobalIdentifier												Y	Y
ParseableDescription												Y	Y
BSID												Y	Y
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew													
nominalCurrencyNew													
sector													
dematerialisedInstrIndicator												Y	
dateIpo													
nominalOld													
nominalCurrencyOld													
securitiesListed											Y		Y
securitiesToBeListed													
newSecuritiesListed													
securitiesCancelled													
issuePrice													
issuePriceCurrency													
dividendDueDate													
legalForm												Y	
payingAgentCodeNew							Y						

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
payingAgentNameNew							Y						
payingAgentCodeOld							Y						
payingAgentNameOld							Y						
fullProductName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalIncreaseDecreaseCapital													
reason													
newMarket													Y
newIsinCode		Y											
newSymbol	Y	Y											Y
newEuronextCode		Y											
newNationalCode		Y											
euronextDesignationNew	Y	Y											
newCompartment													
listingAgent													
tradingGroupNew						Y							Y
tradingGroupOld						Y							Y
tradingGroupDso						Y							Y
tradingType						Y							Y
tradingCurrency						Y							Y

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
trading						Y							Y
settlementPlatform													Y
guaranteeIndicator						Y							Y
dateListing													
dateDelisting											Y		
reasonDelisting													
tradingSize						Y							Y
liquidityProvider1CodeNew								Y					
liquidityProvider1NameNew								Y					
liquidityProvider2CodeNew													
liquidityProvider2NameNew													
liquidityProvider3CodeNew													
liquidityProvider3NameNew													
liquidityProvider4CodeNew													
liquidityProvider4NameNew													
liquidityProvider1CodeOld								Y					
liquidityProvider1NameOld								Y					
maxNbIssuedSecurities													
ucitsRatio													

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
annualFee													
dividend													
ucitsNavProductName													
ucitsIndexUnderliyng													
ucitsNavIsinCode													
ucitsNavSymbolCode													
eTFSegment													
indexFamily													
expositiontype													
segmentationLevel2													
segmentationLevel3													
fundManager													
peaEligibility													
tickSize													
tradingThresholds													
segmentationLevel4													
oldIssuerName	Y												
originalCode											Y		
cancellationOrder		Y		Y	Y				Y	Y			Y

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
typeOfOrderToBeRenewed		Y		Y	Y				Y	Y			Y
ordersToBeRenewedDate		Y		Y	Y				Y	Y			Y
suspensionDate			Y										
suspensionTime			Y										
resumptionDate				Y									
resumptionTime				Y									
dateSubscriptionFrom									Y	Y			
dateSubscriptionTo									Y	Y			
detachmentDateSubscription									Y	Y			
reductibleBasisIndicator									Y				
subscriptionPrice									Y				
subscriptionCurrencyPrice									Y				
parityRight									Y	Y			
paritySecurities									Y	Y			
rightsIsinCode									Y	Y			
acquiredSecurityCode									Y	Y			
subscriptionCentralisingAgency									Y	Y			
securitiesIssued													
numberOfferedSecurities													

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	CORPORATE ACTION TYPE & NUMBER												
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CANCELLATION OF ORDERS	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	DETACHMENT FROM THE STOCK OF A SUBSCRIPTION RIGHT	DETACHMENT FROM THE STOCK OF ATTRIBUTION RIGHT	ASSIMILATION	CHANGE OF SECURITIES FORM	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0011	0012	0013	0014	0027
NonMoR1													
NonMoR2													
UnderlyingIndexReturn													
UnderlyingIndexLeverage													
NAV													
NAVvaluationDate													
UCITSIIIcompliance													
Lpfamily													
SpreadRequirement													
SizeRequirement													
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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D.2 ETF FILE CORPORATE ACTION NUMBERS 0043 – 0090

Table 14 ETFs File Corporate Action Numbers 0043 – 0090

	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
BloombergSymbol												Y	Y
GlobalIdentifier												Y	Y
ParseableDescription												Y	Y
BSID												Y	Y
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y		Y	Y	Y
nominalNew												Y	
nominalCurrencyNew												Y	
sector													
dematerialisedInstrIndicator												Y	

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
dateIpo												Y	
nominalOld			Y	Y		Y				Y			
nominalCurrencyOld			Y	Y		Y				Y			
securitiesListed			Y	Y	Y	Y				Y	Y		
securitiesToBeListed	Y		Y			Y						Y	
newSecuritiesListed	Y		Y	Y		Y				Y		Y	
securitiesCancelled				Y						Y			
issuePrice	Y											Y	Y
issuePriceCurrency	Y											Y	Y
dividendDueDate												Y	
legalForm	Y	Y										Y	
payingAgentCodeNew	Y											Y	
payingAgentNameNew	Y											Y	
payingAgentCodeOld													
payingAgentNameOld													
fullProductName	Y	Y	Y	Y	Y	Y	Y			Y	Y	Y	
nominalIncreaseDecreaseCapital			Y	Y		Y				Y			
reason						Y							
newMarket													
newIsinCode													

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
newSymbol													
newEuronextCode													
newNationalCode													
euronextDesignationNew		Y											
newCompartment									Y				
listingAgent												Y	
tradingGroupNew	Y											Y	Y
tradingGroupOld													
tradingGroupDso	Y											Y	
tradingType	Y											Y	
tradingCurrency	Y											Y	
trading	Y											Y	
settlementPlatform	Y											Y	
guaranteeIndicator	Y											Y	
dateListing	Y								Y			Y	
dateDelisting					Y						Y		
reasonDelisting					Y						Y		
tradingSize	Y											Y	
liquidityProvider1CodeNew	Y											Y	
liquidityProvider1NameNew	Y											Y	

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
liquidityProvider2CodeNew	Y												
liquidityProvider2NameNew	Y												
liquidityProvider3CodeNew	Y												
liquidityProvider3NameNew	Y												
liquidityProvider4CodeNew	Y												
liquidityProvider4NameNew	Y												
liquidityProvider1CodeOld													
liquidityProvider1NameOld													
maxNbIssuedSecurities	Y	Y											
ucitsRatio	Y	Y											
annualFee	Y	Y											
dividend	Y	Y											
ucitsNavProductName	Y	Y											
ucitsIndexUnderliyng	Y	Y											
ucitsNavIsinCode	Y	Y											
ucitsNavSymbolCode	Y	Y											
eTFSegment	Y	Y											
indexFamily	Y												
expositiontype	Y												
segmentationLevel2	Y												

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
segmentationLevel3	Y												
fundManager	Y												
peaEligibility	Y												
tickSize	Y												
tradingThresholds	Y												
segmentationLevel4	Y												
oldIssuerName													
originalCode													
cancellationOrder													
typeOfOrderToBeRenewed													
ordersToBeRenewedDate													
suspensionDate													
suspensionTime													
resumptionDate													
resumptionTime													
dateSubscriptionFrom													Y
dateSubscriptionTo													Y
detachmentDateSubscription													
reductibleBasisIndicator													
subscriptionPrice													

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	CORPORATE ACTION TYPE & NUMBER												
	LISTING OF ETP	CHANGE OF TRACKERS CHARACTERISTICS	INCREASE OF THE NUMBER OF TRACKERS	DECREASE OF THE NUMBER OF TRACKERS	DELISTING OF UNIT	INCREASE OF THE NUMBER OF UNITS	CHANGE OF THE NUMBER OF ISSUED UNITS	SECTORIAL CLASSIFICATION UPDATE	CHANGE OF COMPARTMENT	DECREASE OF THE NUMBER OF UNITS	DELISTING OF TRACKERS	LISTING OF UNITS	IPO SUBSCRIPTION ON NSC
FIELDS	0043	0044	0056	0057	0059	0065	0066	0067	0078	0081	0087	0089	0090
subscriptionCurrencyPrice													
parityRight													
paritySecurities													
rightsIsinCode													
acquiredSecurityCode													
subscriptionCentralisingAgency													
securitiesIssued							Y						
numberOfferedSecurities													Y
NonMoR1	Y												
NonMoR2	Y												
UnderlyingIndexReturn	Y	Y											
UnderlyingIndexLeverage	Y												
NAV	Y												
NAVvaluationDate	Y												
UCITSIIIcompliance	Y												
Lpfamily	Y												
SpreadRequirement	Y												
SizeRequirement	Y												
freeTextZone	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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APPENDIX E: STRUCTURED PRODUCTS FILE

List of fields covered by each corporate action included in the Structured Products file.

E.1.1 Structured Products File Corporate Action Numbers 0001 – 0027

Table 15 Structured Products File Corporate Action Numbers 0001 – 0027

	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	0001	0002	0003	0004	0005	0006	0007	0008	0013	0027
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew										
nominalCurrencyNew										
securitiesToBeListed										
securitiesCancelled										
newSecuritiesListed										
issuePrice										
issuePriceCurrency										
securitiesListed									Y	Y

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
newMarket										Y
fullProductName	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingGroupNew						Y				Y
tradingGroupDso						Y				Y
tradingType						Y				Y
tradingCurrency						Y				Y
trading						Y				Y
settlementPlatform										Y
guaranteeIndicator						Y				Y
dateListing										

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
tradingSize						Y				Y
liquidityProvider1CodeNew								Y		
liquidityProvider1NameNew								Y		
liquidityProvider1CodeOld								Y		
liquidityProvider1NameOld								Y		
newIsinCode		Y								
newSymbol	Y	Y			Y					Y
newEuronextCode		Y								
newNationalCode		Y								
euronextDesignationNew	Y	Y			Y					

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
tradingGroupOld						Y				Y
dateDelisting									Y	
reasonDelisting										
cancellationOrder		Y		Y						Y
typeOfOrderToBeRenewed		Y		Y						Y
ordersToBeRenewedDate		Y		Y						Y
oldIssuerName	Y				Y					
originalCode									Y	
payingAgentCodeOld							Y			
payingAgentNameOld							Y			

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
payingAgentCodeNew							Y			
payingAgentNameNew							Y			
suspensionDate			Y							
suspensionTime			Y							
resumptionDate				Y						
resumptionTime				Y						
marketingProductName						Y	Y		Y	
structuredProductsType							Y			
nameTranche										
issuerLetter										

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
issuerDate										
exerciseDate										
maturityDate										
aiwDate										
callPut										
optionType										
bullBear										
daysBeforeDelisting										
settlementType										
underlyingIsinCode						Y				

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
underlyingAlternativeCode										
underlyingDesignation										
underlyingListingPlace										
instrumentUnderlyingType										
parityNbStructuredProductsOld										
parityNbUnderlyingOld										
parityNbStructuredProductsNew										
parityNbUnderlyingNew										
ratioStructuredProductsUnderlyingNew										
ratioStructuredProductsUnderlyingOld										

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
strikePrice										
strikePriceCurrencyOld										
strikePriceNew										
strikePriceCurrencyNew										
secondStrikePriceOld										
secondStrikePriceCurrency										
secondStrikePriceNew										
newSecondStrikePriceCurrency										
strikePrice3										
strike3Currency										

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
strikePrice4										
strike4Currency										
globalnominalAmount										
couponFrequency										
interestRateNew										
quantoCharacteristic										
barrierExistenceStartDate										
barrierExistenceEndDate										
observationDateFrequency										
capitalGuaranteeStartDate										

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	CORPORATE ACTION TYPE & NUMBER									
	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF CODES	TRADING SUSPENSION	TRADING RESUMPTION	CHANGE OF ISSUER NAME AND PRODUCT NAME	CHANGE OF TRADING GROUP	CHANGE OF PAYING AGENT	CHANGE OF LIQUIDITY PROVIDER	ASSIMILATION	MARKET TRANSFER
FIELDS	**0001**	**0002**	**0003**	**0004**	**0005**	**0006**	**0007**	**0008**	**0013**	**0027**
guaranteedCapitalLevel										
typeOfCoupon										
couponAmount										
settlementDate										
interestDueDate										
nextCouponPaymentDateNew										
finalRedemptionDate										

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E.1.2 Structured Products File Corporate Action Numbers 0038 – 0083

Table 16 Structured Products File Corporate Action Numbers 0038 – 0083

	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	0038	0039	0040	0041	0042	0053	0063	0064	0078
noticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
locationCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionTypeCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
effectiveDate	Y	Y	Y	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y	Y	Y	Y
euronextDesignation	Y	Y	Y	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
micCode	Y	Y	Y	Y	Y	Y	Y	Y	Y
nominalNew									
nominalCurrencyNew									
securitiesToBeListed	Y			Y		Y			
securitiesCancelled					Y				
newSecuritiesListed	Y			Y	Y	Y			
issuePrice	Y			Y		Y			
issuePriceCurrency	Y			Y		Y			
securitiesListed				Y	Y				
newMarket									

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
fullProductName	Y	Y	Y	Y	Y	Y			
tradingGroupNew	Y					Y			
tradingGroupDso									
tradingType	Y			Y		Y			
tradingCurrency	Y					Y			
trading	Y					Y			
settlementPlatform	Y					Y			
guaranteeIndicator	Y					Y			
dateListing	Y					Y		Y	Y
tradingSize	Y			Y		Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
liquidityProvider1CodeNew	Y					Y			
liquidityProvider1NameNew	Y					Y			
liquidityProvider1CodeOld				Y					
liquidityProvider1NameOld				Y					
newIsinCode									
newSymbol									
newEuronextCode									
newNationalCode									
euronextDesignationNew			Y						
tradingGroupOld				Y					

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
dateDelisting		Y					Y		
reasonDelisting		Y							
cancellationOrder									
typeOfOrderToBeRenewed									
ordersToBeRenewedDate									
oldIssuerName									
originalCode									
payingAgentCodeOld				Y				f	
payingAgentNameOld				Y					
payingAgentCodeNew	Y					Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
payingAgentNameNew	Y					Y			
suspensionDate							Y		
suspensionTime									
resumptionDate									
resumptionTime									
marketingProductName	Y	Y	Y	Y		Y	Y		
structuredProductsType	Y		Y	Y	Y	Y			
nameTranche	Y			Y		Y			
issuerLetter									
issuerDate	Y			Y		Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
exerciseDate	Y			Y		Y			
maturityDate	Y	Y		Y		Y			
aiwDate						Y			
callPut	Y			Y		Y			
optionType	Y			Y		Y			
bullBear	Y					Y			
daysBeforeDelisting	Y	Y				Y			
settlementType	Y			Y		Y			
underlyingIsinCode	Y		Y	Y		Y			
underlyingAlternativeCode	Y		Y			Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
underlyingDesignation	Y		Y	Y		Y			
underlyingListingPlace	Y					Y			
instrumentUnderlyingType	Y			Y		Y			
parityNbStructuredProductsOld			Y	Y					
parityNbUnderlyingOld			Y	Y					
parityNbStructuredProductsNew	Y		Y			Y			
parityNbUnderlyingNew	Y		Y			Y			
ratioStructuredProductsUnderlyingNew	Y		Y			Y			
ratioStructuredProductsUnderlyingOld			Y	Y					
strikePrice			Y	Y					

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
strikePriceCurrencyOld			Y	Y					
strikePriceNew	Y		Y			Y			
strikePriceCurrencyNew	Y		Y			Y			
secondStrikePriceOld			Y	Y					
secondStrikePriceCurrency			Y	Y					
secondStrikePriceNew	Y		Y			Y			
newSecondStrikePriceCurrency	Y		Y			Y			
strikePrice3	Y					Y			
strike3Currency	Y					Y			
strikePrice4	Y					Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
strike4Currency	Y					Y			
globalnominalAmount									
couponFrequency									
interestRateNew									
quantoCharacteristic	Y					Y			
barrierExistenceStartDate	Y					Y			
barrierExistenceEndDate	Y					Y			
observationDateFrequency	Y					Y			
capitalGuaranteeStartDate	Y					Y			
guaranteedCapitalLevel	Y					Y			

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	CORPORATE ACTION TYPE & NUMBER								
	LISTING OF STRUCTURED PRODUCTS	DELISTING OF STRUCTURED PRODUCTS	CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS	INCREASE OF NUMBER OF LISTED STRUCTURED PRODUCTS	DECREASE OF THE NUMBER OF LISTED STRUCTURED PRODUCTS	STRUCTURED PRODUCTS AIW ISSUED	DELISTING STRUCTURED PRODUCTS	TAKO DELISTING OF STRUCTURED PRODUCTS	CHANGE OF COMPARTMENT
FIELDS	**0038**	**0039**	**0040**	**0041**	**0042**	**0053**	**0063**	**0064**	**0078**
typeOfCoupon	Y					Y			
couponAmount	Y					Y			
settlementDate									
interestDueDate									
nextCouponPaymentDateNew									
finalRedemptionDate									
TAKOPeriod	Y								
TAKODate								Y	
TAKOEndDate								Y	

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E.1.3 Structured Products File Corporate Action Numbers 0083

Table 17 Structured Products File Corporate Action Numbers 0083

CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	0083
noticeNumber	Y
disseminationNumber	Y
corporateEventTypeName	Y
corporateEventTypeCode	Y
issuerName	Y
issuerCode	Y
locationName	Y
locationCode	Y
locationTradingPlaceCodification	Y
releaseDate	Y
initialNoticeNumber	Y
noticeLinkType	Y
productType	Y
actionTypeName	Y
actionTypeCode	Y
marketName	Y
marketCode	Y
effectiveDate	Y
isinCode	Y

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CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	**0083**
euronextCode	Y
nationalCode	Y
tradingSymbol	Y
euronextDesignation	Y
compartment	Y
location	Y
previousAction	Y
actionLinkType	Y
micCode	Y
nominalNew	Y
nominalCurrencyNew	Y
securitiesToBeListed	Y
securitiesCancelled	Y
newSecuritiesListed	Y
issuePrice	Y
issuePriceCurrency	Y
securitiesListed	Y
newMarket	Y
fullProductName	Y
tradingGroupNew	Y
tradingGroupDso	Y
tradingType	Y

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CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	**0083**
tradingCurrency	Y
trading	Y
settlementPlatform	Y
guaranteeIndicator	Y
dateListing	Y
tradingSize	Y
liquidityProvider1CodeNew	Y
liquidityProvider1NameNew	Y
liquidityProvider1CodeOld	Y
liquidityProvider1NameOld	Y
newIsinCode	Y
newSymbol	Y
newEuronextCode	Y
newNationalCode	Y
euronextDesignationNew	Y
tradingGroupOld	Y
dateDelisting	Y
reasonDelisting	Y
cancellationOrder	Y
typeOfOrderToBeRenewed	Y
ordersToBeRenewedDate	Y
oldIssuerName	Y

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CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	**0083**
originalCode	Y
payingAgentCodeOld	Y
payingAgentNameOld	Y
payingAgentCodeNew	Y
payingAgentNameNew	Y
suspensionDate	Y
suspensionTime	Y
resumptionDate	Y
resumptionTime	Y
marketingProductName	Y
structuredProductsType	Y
nameTranche	Y
issuerLetter	Y
issuerDate	Y
exerciseDate	Y
maturityDate	Y
aiwDate	Y
callPut	Y
optionType	Y
bullBear	Y
daysBeforeDelisting	Y
settlementType	Y

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CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	**0083**
underlyingIsinCode	Y
underlyingAlternativeCode	Y
underlyingDesignation	Y
underlyingListingPlace	Y
instrumentUnderlyingType	Y
parityNbStructuredProductsOld	Y
parityNbUnderlyingOld	Y
parityNbStructuredProductsNew	Y
parityNbUnderlyingNew	Y
ratioStructuredProductsUnderlyingNew	Y
ratioStructuredProductsUnderlyingOld	Y
strikePrice	Y
strikePriceCurrencyOld	Y
strikePriceNew	Y
strikePriceCurrencyNew	Y
secondStrikePriceOld	Y
secondStrikePriceCurrency	Y
secondStrikePriceNew	Y
newSecondStrikePriceCurrency	Y
strikePrice3	Y
strike3Currency	Y
strikePrice4	Y

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CORPORATE ACTION TYPE & NUMBER	
	LISTING OF STRUCTURED NOTES
FIELDS	**0083**
strike4Currency	Y
globalnominalAmount	Y
couponFrequency	Y
interestRateNew	Y
quantoCharacteristic	Y
barrierExistenceStartDate	Y
barrierExistenceEndDate	Y
observationDateFrequency	Y
capitalGuaranteeStartDate	Y
guaranteedCapitalLevel	Y
typeOfCoupon	Y
couponAmount	Y
settlementDate	Y
interestDueDate	Y
nextCouponPaymentDateNew	Y
finalRedemptionDate	Y
TAKOPeriod	
TAKODate	
TAKOEndDate	

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APPENDIX F: DIVIDENDS FILE

List of fields covered by each corporate action included in the Dividends file.

Table 18 Dividends File Corporate Action Numbers 0001 – 0092

	CORPORATE ACTION TYPE & NUMBER					
	STOCK DIVIDEND	CASH DIVIDEND	OPTIONAL DIVIDEND	LISTING – DELISTING OF DIVIDEND COUPON	CASH DIVIDEND – ETF	DETACHMENT VVPR STRIP
FIELDS	0024	0025	0026	0051	0091	0092
noticeNumber	Y	Y	Y	Y	Y	Y
disseminationNumber	Y	Y	Y	Y	Y	Y
corporateEventTypeName	Y	Y	Y	Y	Y	Y
corporateEventTypeCode	Y	Y	Y	Y	Y	Y
issuerName	Y	Y	Y	Y	Y	Y
issuerCode	Y	Y	Y	Y	Y	Y
locationName	Y	Y	Y	Y	Y	Y
locationCode	Y	Y	Y	Y	Y	Y
locationTradingPlaceCodification	Y	Y	Y	Y	Y	Y
releaseDate	Y	Y	Y	Y	Y	Y
initialNoticeNumber	Y	Y	Y	Y	Y	Y
noticeLinkType	Y	Y	Y	Y	Y	Y
productType	Y	Y	Y	Y	Y	Y
actionTypeName	Y	Y	Y	Y	Y	Y

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	CORPORATE ACTION TYPE & NUMBER					
	STOCK DIVIDEND	CASH DIVIDEND	OPTIONAL DIVIDEND	LISTING – DELISTING OF DIVIDEND COUPON	CASH DIVIDEND – ETF	DETACHMENT VVPR STRIP
FIELDS	**0024**	**0025**	**0026**	**0051**	**0091**	**0092**
actionTypeCode	Y	Y	Y	Y	Y	Y
marketName	Y	Y	Y	Y	Y	Y
marketCode	Y	Y	Y	Y	Y	Y
effectiveDate	Y	Y	Y	Y	Y	Y
isinCode	Y	Y	Y	Y	Y	Y
euronextCode	Y	Y	Y	Y	Y	Y
nationalCode	Y	Y	Y	Y	Y	Y
tradingSymbol	Y	Y	Y	Y	Y	Y
BloombergSymbol						Y
GlobalIdentifier						Y
ParseableDescription						Y
BSID						Y
euronextDesignation	Y	Y	Y	Y	Y	Y
compartment	Y	Y	Y	Y	Y	Y
location	Y	Y	Y	Y	Y	Y
previousAction	Y	Y	Y	Y	Y	Y
actionLinkType	Y	Y	Y	Y	Y	Y
micCode	Y	Y	Y	Y	Y	Y
securitiesListed	Y	Y	Y			Y

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	CORPORATE ACTION TYPE & NUMBER					
	STOCK DIVIDEND	CASH DIVIDEND	OPTIONAL DIVIDEND	LISTING – DELISTING OF DIVIDEND COUPON	CASH DIVIDEND – ETF	DETACHMENT VVPR STRIP
FIELDS	**0024**	**0025**	**0026**	**0051**	**0091**	**0092**
fullProductName	Y	Y	Y		Y	Y
shareholderMeeting	Y	Y	Y			Y
shareholderMeetingTime	Y	Y				Y
announcement	Y	Y				Y
distributionType	Y	Y	Y			Y
paymentDate	Y	Y	Y		Y	Y
dividendRecordDate	Y	Y	Y		Y	Y
exDate	Y	Y	Y		Y	Y
couponNumber	Y	Y	Y			Y
couponIsinCode	Y	Y	Y			Y
dividendCentralisingAgency	Y	Y	Y			Y
dividendPeriodicity		Y	Y			Y
grossDividend		Y	Y		Y	Y
grossDividendCurrency		Y	Y		Y	Y
netDividend		Y	Y			Y
netDividendCurrency		Y	Y			Y
nominalOld		Y	Y			Y
nominalCurrencyOld		Y	Y			Y
payingAgentCodeNew		Y				Y

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	CORPORATE ACTION TYPE & NUMBER					
	STOCK DIVIDEND	CASH DIVIDEND	OPTIONAL DIVIDEND	LISTING – DELISTING OF DIVIDEND COUPON	CASH DIVIDEND – ETF	DETACHMENT VVPR STRIP
FIELDS	**0024**	**0025**	**0026**	**0051**	**0091**	**0092**
payingAgentNameNew		Y				Y
parityRight	Y					
paritySecurities	Y					
cancellationOrder	Y		Y			
typeOfOrderToBeRenewed	Y		Y			
ordersToBeRenewedDate	Y		Y			
stockDividendDateFrom	Y		Y			
stockDividendDateTo	Y		Y			
acquiredSecurityIsinCode	Y		Y			
stockDividendSubscriptionPrice	Y		Y			
stockSubscriptionPriceCurrency	Y		Y			
stockDividendCentralisingAgency	Y		Y			
tradingGroupNew				Y		
tradingType				Y		
tradingCurrency				Y		
trading				Y		
tradingSize				Y		
dateListing				Y		
dateDelisting				Y		

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APPENDIX G: FIELD DEFINITIONS

Table 19 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	
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					

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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						
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			
capitalAmount	Part of the nominal value to be redeemed	Number		10				

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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
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	
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	
couponIsinCode	ISIN Code of the coupon (applicable to stock dividends only)	Text	25					ISO 6166

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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
couponNumber	Coupon number (used by Euronext Brussels only when announcing dividends payments)	Number		5				
dateDelisting	Date the instrument will be delisted	Date			dd/mm/yyyy			
dateIpo	IPO date	Date			dd/mm/yyyy			
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					
daysBeforeDelisting	Nr of days before the instrument is delisted	Number		0				
dematerialisedInstrIndicator	Indication whether the security is 118rotégé118zation or not	Text	25			Y	dematerialisedInstrIndicator	

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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
detachmentDateSubscription	Date when the right will be detached for the security	Date			dd/mm/yyyy			
disseminationNumber	Dissemination number of the notice	Text	50					
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			
dividendPeriodicity	Dividend Payment Periodicity	Text	25			Y	dividendPeriodicity	
dividendRecordDate	Record date of the dividend payment	Date			dd/mm/yyyy			
earlyRedemptionIndicator	Early redemption indicator	Text	40			Y	earlyRedemptionIndicator	
effectiveDate	Date the corporate action will be effective	Date			dd/mm/yyyy			
eTFSegment	ETF segmentation	Text	75			Y	eTFSegment	

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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
euronextCode	Euronext instrument identification code	Text	25					
euronextDesignation	Euronext instrument designation	Text	25					
euronextDesignationNew	New instrument designation	Text	25					
exDate	Ex-date of the dividend payment	Date			dd/mm/yyyy			
exerciseDate	Starting date of the exercise period for 120rotégé120 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			
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					

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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
fundManager	Name of the entity managing the fund	Text	75					
GlobalIdentifier	Bloomberg's global instrument identifier	Number						
globalnominalAmount	Total nominal amount of the bonds issue	Number		5				
grossDividend	Gross dividend amount	Number		5				
grossDividendCurrency	Gross dividend currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
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					

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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
initialNoticeNumber	Dissemination number of a notice that is being corrected/followed//replaced by the new notice	Text	50					
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					
isinCode	ISIN Code of the instrument	Text	25					ISO 6166
issuePrice	Price the instrument was issued	Number		5				
issuePriceCurrency	Issue price currency	Text	25					ISO 4217 or (“GBp” & “Usc” for pences and cents)
issuerCode	Issuer identification code	Text	25					
issuerDate	Date the instrument was issued on the Primary market	Date			dd/mm/yyyy			

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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
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	
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					
liquidityProvider2CodeNew	New code used on the trading system to identify the liquidity provider 2	Text	25					

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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
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					
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					
liquidityProvider4NameNew	New name of the liquidity provider 4	Text	75					

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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
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	
locationName	Listing Place	Text	50					
locationTradingPlaceCodification	Identification code of the trading place	Text	25			Y	locationTradingPlaceCodification	
Lpfamily	Liquidity Provider Family	Text	50					
marketCode	Code that identifies the market	Text	25			Y	marketCode	
marketingProductName	Full marketing product name	Text	100					
marketName	Name of the Euronext market	Text	50					
maturityDate	End date of the exercise period for 125rotégé125 type warrants or exercise date for 125rotégé125 type warrants	Date			dd/mm/yyyy			
maxNbIssuedSecurities	Maximum nr of securities that could be issued by the fund	Number		0				

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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
meetingDate	Date of the General Meeting where the split was decided	Date			dd/mm/yyyy			
micCode	Market Identification Code	Text	25			Y	micCode	
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					
NAV	Net Asset Value	Number		5				
NAVvaluationDate	Net Asset Value	Date			dd/mm/yyyy			
netDividend	Net dividend amount	Number		5				
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

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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	Number		0				
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			

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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
nominalCurrencyNew	New nominal currency	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
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	Number		10				
nominalNew	New nominal value	Number		5				
nominalOld	Nominal value before the effective date of the corporate action	Number		5				
NonMoR1	Non Market of Reference 1	Text	50					
NonMoR2	Non Market of Reference 2	Text	50					
noticeLinkType	Type of link between the new notice and a notice being corrected/followed/replaced	Text	50			Y	noticeLinkType	

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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
noticeNumber	Number of the Euronext notice	Number		0				
numberOfferedSecurities	Number of securities subscribed by retail investors on an IPO 129rotégé129zat by Euronext Paris	Number		0				
observationDateFrequency	Frequency at which the underlying value will be observed and the structured product potentially redeemed	Text	255			Y	observationDateFrequency	
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					
parityNbBondsNew	New parity: number of bonds	Number		10				

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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
parityNbBondsOld	Parity: number of bonds before the effective date of the corporate action	Number		10				
parityNbSecuritiesNew	New Parity: number of securities	Number		10				
parityNbSecuritiesOld	Parity: number of securities before the effective date of the corporate action	Number		10				
parityNbStructuredProductsNew	Number of structured products instruments used to calculate the new parity ratio	Number		5				
parityNbStructuredProductsOld	Number of structured products used to calculate the parity ratio before the effective date of the corporate action	Number		5				
parityNbUnderlyingNew	Number of underlying instruments used to calculate the new parity ratio	Number		5				
parityNbUnderlyingOld	Number of underlying used to calculate the former parity ratio before the effective date of the corporate action	Number		5				

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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	Number		10				
paritySecurities	Number of share(s) to receive per set of rights	Number		10				
ParseableDescription	Bloomberg's instrument description	Text	35					
payingAgentCodeNew	Identification code of the issuer's paying agent	Text	25					
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			
peaEligibility	Special tax regime indicator applicable to saving plan in France	Text	25			Y	peaEligibility	

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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
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	
quantoCharacteristic	Currency exposure absorption indicator	Text	25			Y	quantoCharacteristic	
ratio	Split – number of new shares	Number		0				
ratioStructuredProductsUnderlyingNew	Parity Number of Structured Products / Parity Number of Underlying Instruments	Number		15				
ratioStructuredProductsUnderlyingOld	Parity Number of Structured Products / Parity Number of Underlying before the effective date of the corporate action	Number		15				
reason	Origin of capital increase pre defined values	Text	250					

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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
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
referencePrice	Reference price for particular operations where a reference price needs to be communicated to the market	Number		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			
resumptionTime	Time the instrument will resume trading	Text	25					
rightsIsinCode	ISIN code of the right	Text	25					ISO 6166

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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
secondStrikePriceCurrency	Currency of the second strike price	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)
secondStrikePriceNew	New second strike price 2	Number		5				see Auxiliary File and Table SP Info Strike 2
secondStrikePriceOld	Second strike price 2 before the effective date of the corporate action	Number		5				see Auxiliary File and Table SP Info Strike 2
sector	Sectorial classification	Text	150			Y		
securitiesCancelled	Number of cancelled securities	Number		0				
securitiesIssued	Number of issued securities	Number		0				
securitiesListed	Number of instruments listed	Number		0				
securitiesToBeListed	Number of instruments to be listed	Number		0				

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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
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	segmentation Level2	
segmentationLevel3	Third level of the Euronext ETF segmentation	Text	50			Y	segmentation Level3	
segmentationLevel4	Fourth level of the Euronext ETF segmentation	Text	50			Y	segmentation Level4	
settlementDate	Settlement date on the primary market	Date			dd/mm/yyyy			
settlementPlatform	Name of the settlement platform	Text	50					
settlementType	Type of settlement	Text	50			Y	settlementType	
shareholderMeeting	Date of the shareholders meeting which decided the stock dividend payment	Date			dd/mm/yyyy			
SizeRequirement	Size Requirement	Number		0				
SpreadRequirement	Spread Requirement	Text	25					

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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
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			
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	Number		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)

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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	Number		5				see Auxiliary File and Table SP Info Strike 1
strikePrice3	Value of the Strike price field 3	Number		5				see Auxiliary File and Table SP Info Strike 3
strikePrice4	Value of the Strike price field 4	Number		5				see Auxiliary File and Table SP Info Strike 4
strikePriceCurrencyNew	New currency of the strike price 1	Text	25					ISO 4217 or ("GBp" & "Usc" for pences and cents)

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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
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	Number		5				see Auxiliary File and Table SP Info Strike 1
structuredProductsType	Type of structured product according to Euronext's segmentation	Text	75					
subscriptionCentralisingAgency	Entity responsible for the 138rotégé138zation 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	Number		10				

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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
suspensionDate	Date the instrument trading will be suspended	Date			dd/mm/yyyy			
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			
TAKOEndDate	Last Date the instrument will be available for Trading After Knock Out	Date			dd/mm/yyyy			

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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
tickSize	Minimum price movement for the security	Number		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)
tradingGroupDso	Deffered settlement order trading group indicator (Y/ N) – Paris market only	Text	25			Y	tradingGroup Dso	
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	Number		0				
tradingSymbol	Trading code (mnemonic)	Text	25					

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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
tradingThresholds	Volatility interruption mechanism that indicates the range in which trading may take place in relation to the indicative Net Asset Value (iNAV).	Number		5		Y	tradingThresholds	
tradingType	Indication whether the instrument is traded in continuous or fixing	Text	25			Y	tradingType	
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	
UCITSIIIcompliance	UCITSIII compliance flag	Text	10					
ucitsIndexUnderliyng	Underlying index of the UCITS	Text	50					
ucitsNavIsinCode	ISIN code of the UCITS – NAV	Text	25					ISO 6166
ucitsNavProductName	Product name of the UCITS NAV	Text	25					
ucitsNavSymbolCode	Symbol code of the UCITS – NAV	Text	25					

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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
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					
underlyingDesignation	Designation of the underlying asset	Text	50					
UnderlyingIndexReturn	Underlying Index Return type	Text	50					
UnderlyingIndexLeverage	Underlying Index Leverage	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					

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APPENDIX H: AUXILIARY FILE

List of fields included in the Auxiliary File.

H.1 FIELDS IN THE AUXILIARY FILE

Table 20 Fields in the Auxiliary File

FIELD NAME	FIELD DEFINITION	COMMENT
Record_Type	Identifyes 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 please see Record_Type "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	

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FIELD NAME	FIELD DEFINITION	COMMENT
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 segmentation	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_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

H.2 TABLE SP_INFO_STRIKE_1

Table 21 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

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INSTRUMENT CHARACTERISTIC	DEFINITION
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
Upper_Threshold	Corresponds to the knock out level

H.3 TABLE SP_INFO_STRIKE_2

Table 22 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

H.4 TABLE SP_INFO_STRIKE_3

Table 23 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	
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

H.5 TABLE SP_INFO_STRIKE_4

Table 24 Table SP_Info_Strike_4

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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

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APPENDIX I: STRIKE PRICE INTERPRETATION RULES

Table 25 Strike Price Interpretation Rules

MARKETING PRODUCT NAME	STRUCTURED PRODUCTS TYPE	STRIKE 1	STRIKE 2	STRIKE 3	STRIKE 4
Athena	Yield enhancement	Coupon	Barrier_Capital	empty	empty
Bonus Certificate	Yield enhancement	Bonus_Level	Lower_Altering_Barrier	empty	empty
Call Spread	Spread	Lower_Level	Upper_Level	empty	empty
Capped Bonus Certificate	Yield enhancement	Bonus_Level	Lower_Altering_Barrier	Capped_Value	empty
Constant Leverage Certificate Long	Pure indexation	empty	empty	empty	empty
Constant Leverage Certificate Short	Pure indexation	empty	empty	empty	empty
Discount Certificate	Yield enhancement	Capped_Value	empty	empty	empty
Double Knock-Out Warrant	Digital with barrier	Lower_Threshold	Upper_Threshold	empty	empty
Express Certificate	Yield enhancement	Capped_Value	Lower_Level	empty	empty
Knock-Out Warrant Call	Leverage product with knock out barrier	Lower_Threshold	Strike_Price	empty	empty
Knock-Out Warrant Life Call	Leverage product with knock out barrier	Lower_Threshold	Strike_Price	empty	empty
Knock-Out Warrant Life Put	Leverage product with knock out barrier	Upper_Threshold	Strike_Price	empty	empty
Knock-Out Warrant Put	Leverage product with knock out barrier	Upper_Threshold	Strike_Price	empty	empty
Mini-Future Long	Leverage product with knock out barrier	Lower_Threshold	Strike_Price	empty	Empty
Mini-Future Short	Leverage product with knock out	Upper_Threshold	Strike_Price	empty	empty

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MARKETING PRODUCT NAME	STRUCTURED PRODUCTS TYPE	STRIKE 1	STRIKE 2	STRIKE 3	STRIKE 4
	barrier				
Open-End Knock-Out Warrant Call	Leverage product with knock out barrier	Lower_Threshold	Strike_Price	empty	empty
Open-End Knock-Out Warrant Put	Leverage product with knock out barrier	Upper_Threshold	Strike_Price	empty	empty
Put Spread	Spread	Upper_Level	Lower_Level	empty	empty
Reverse Tracker Certificate	Bear indexation	Upper_Threshold	Reference_Level	empty	empty
SMART Mini-Future Long	Leverage product with knock out barrier	Lower_Threshold	Strike_Price	empty	empty
SMART Mini-Future Short	Leverage product with knock out barrier	Upper_Threshold	Strike_Price	empty	empty
Structured Note	Yield enhancement	Coupon_Percentage	empty	empty	empty
Tracker Certificate	Pure indexation	empty	empty	empty	empty
Tracker Certificate Quanto	Pure indexation	empty	empty	empty	empty
Warrant Call	Plain vanilla warrants	Strike_Price	empty	empty	empty
Warrant Put	Plain vanilla warrants	Strike_Price	empty	empty	empty

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