

Document title

EURONEXT STRUCTURED PRODUCTS CORPORATE ACTIONS CLIENT SPECIFICATION

Version Date

3.8 28 February 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 | 01/07/2010 | Initial version |
| | 06/09/2012 | Rebranded with new NYSE Technologies template |
| 1.1 | 18/01/2013 | Added Strike Price Interpretation Rules |
| 2.0 | 21/02/2013 | Effective mid-April 2013 |
| | | Release of Primary Market Service |
| | | Added Introduction, Data and Data Delivery section heading, updates to Data modules, File Specifications and File Structure. |
| | | Updates to Appendix A, B and C |
| 2.1 | 8 Apr 2013 | Added Primary Market Service files xml schema |
| | | Primary Market Service file layout (Table 7 – Primary Market Service Structured Products Module): |
| | | Added new field: quantityNotationAdjusted mapping fields / corporate actions type and number |
| 2.2 | 13 Dec 2013 | Launch of Trading After Knock-Out |
| | | Added new corporate action type: 0064 – TAKO Delistings of Structured Products Added three new fields: TAKOPeriod (to action type 0038) TAKODate (action type 0064) TAKOEndDate (action type 0064) |
| 2.3 | 03 Mar 2014 | Updated Trading After Knock-Out production release date |
| 3.0 | 07 July 2014 | Rebranded to Euronext |
| 3.1 | 22 Sep 2014 | Updated the Euronext Service Operations email address |
| | | Updated Payment after Knock-Out (formerly Trading After Knock-Out) related changed production release date - Mon 20 October 2014 |
| 3.2 | 05 Dec 2014 | Changes resulting from migration to new Euronext data delivery infrastructure – Planned for Mon 16 March 2015 - Added section 1 – NEW DATA DELIVERY INFRASTRUCTURE |
| | | - Edited section 3 – DATA AND DATA DELIVERY |
| 3.3 | 16 Mar 2015 | Updated Euronext Service Operations telephone number |
| | | File formats available (sections 3.2 and 3.3) |

| VERSION | DATE | CHANGE DESCRIPTION |
|---------|-------------|--|
| NO. | | Undeted detection asstrant 1.2 Transition Deviced |
| | | Updated dates in section 1.2 Transition Period |
| | | Updated Strike Price Interpretation Rules |
| 3.4 | 14 May 2015 | Updated Euronext Service Operations email address |
| 3.5 | 20 Dec 2016 | Updated Strike Price Interpretation Rules: |
| | | - Added Bear Certificate |
| | | Added LeverageAdded Short |
| 3.6 | 31 May 2017 | Updated Strike Price Interpretation Rules: |
| 3.0 | 31 Way 2017 | - Added Turbo Life Call |
| | | - Added Turbo Life Put |
| 3.6a | 22 Jun 2018 | Updated Strike Price Interpretation Rules: |
| | | Added: |
| | | - Athena |
| | | - SMART Turbo Long |
| | | SMART Turbo ShortTurbo Life Long |
| | | - Turbo Life Short |
| | | - Turbo ilimitado Call |
| | | Turbo ilimitado PutTurbo ilimitado SL Call |
| | | - Turbo ilimitado SL Put |
| | | Turbo Illimite Smart CallTurbo Illimite Smart Put |
| | | - Unlimited Turbo Call |
| | | - Unlimited Turbo Put |
| | | Updated: |
| | | - Discount Certificate |
| 3.7 | 30 Oct 2019 | Updated Strike Price Interpretation Rules: |
| | | Added: |
| | | - Bonus Certificaat |
| 3.7a | 12 Feb 2020 | Updated Strike Price Interpretation Rules: |
| | | Added: |
| | | - tJUMPER |
| 3.8 | 28 Feb 2020 | Effective mid-May 2020 |
| | | Updated Strike Price Interpretation Rules: |
| | | Deleted all current marketing product names. |
| | | |

| VERSION | DATE | CHANGE DESCRIPTION |
|---------|------|---------------------------------------|
| NO. | | |
| | | Added: |
| | | - Athena |
| | | - Bonus Certificate |
| | | - Call Spread |
| | | - Capped Bonus Certificate |
| | | - Constant Leverage Certificate Long |
| | | - Constant Leverage Certificate Short |
| | | - Discount Certificate |
| | | - Double Knock-Out Warrant |
| | | - Express Certificate |
| | | - Knock-Out Warrant Call |
| | | - Knock-Out Warrant Life Call |
| | | - Knock-Out Warrant Life Put |
| | | - Knock-Out Warrant Put |
| | | - Mini-Future Long |
| | | - Mini-Future Short |
| | | - Open-End Knock-Out Warrant Call |
| | | - Open-End Knock-Out Warrant Put |
| | | - Put Spread |
| | | - Reverse Tracker Certificate |
| | | - SMART Mini-Future Long |
| | | - SMART Mini-Future Short |
| | | - Structured Note |
| | | - Tracker Certificate |
| | | - Tracker Certificate Quanto |
| | | - Warrant Call |
| | | - Warrant Put |

REFERENCE MATERIAL

The following lists the associated documents, which either should be read in conjunction with this document or which provide other relevant information for the user:

- ALL_EU_ENXT_REF_CORPACT_AUX_SchemaVersion_01.10.2009
- SP_EU_ENXT_REF_CORPACT_SchemaVersion_02.12.2013
- SP_EU_ENXT-PMS_REF_CORPACT_SchemaVersion_08.04.2013

CONTACT INFORMATION

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

- Email: <u>serviceoperations@euronext.com</u>
- Telephone: +44 (0) 2890 822485

FURTHER INFORMATION

■ For additional product information, please contact us at databyeuronext@euronext.com.

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1. INTRODUCTION

The Euronext Structured Products Corporate Actions product provides information on warrants, certificates and structured notes listed on Euronext markets in a consolidated, standardised and timely fashion. This data product is delivered in machine readable format (.txt, .xml, .xls) in addition to the traditional Euronext Cash Markets notices (delivered in PDF format).

2. DATA AND DATA DELIVERY

2.1 DATA MODULES

Table 1 Modules

| MODULE | STRUCTURE PRODUCTS |
|----------------------------|---|
| | Warrants, Certificates and Structured Notes |
| Corporate Actions | |
| Euronext Secondary Markets | ✓ |
| Primary Market Service | ✓ |

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

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

2.2 FILE TYPES AND FORMATS

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

Auxiliary file - XML

2.3 DELIVERY METHODS

Table 2 Delivery Methods

| | EMAIL | FTP |
|------------------------------------|----------------|-----------------------|
| Corporate Actions | | |
| Euronext | ✓ (PDF, XLS) | ✓ (XLS, TXT and XML) |
| Secondary | · (1 D1 , ALS) | (ALS, TAT UTIL ATTE |
| Markets | | |
| Primary Market | Not available | ✓ (XLSX, TXT and XML) |
| Service | | |
| Auxiliary File | Not available | ✓ (XLS, TXT and XML) |
| Markets • Primary Market Service | | , , , |

FTP pull over the internet.

Production: ftp.data.euronext.com

EUA: ftp.eua-data.euronext.com

Email delivery

The files are delivered via e-mail to one or more e-mail addresses as specified by the client.

Customers are required to contact the Euronext Licensing Team at databyeuronext@euronext.com.

2.4 DIRECTORY STRUCTURE OF THE FTP SERVER

2.4.1 Corporate Actions Files

Most Recent File

```
/SP_EU_ENXT_REF_CORPOACT/
/CURRENT/
```

Historical Files

```
/SP_EU_ENXT_REF_CORPOACT/
/SP_EU_ENXT_REF_CORPOACT_YYYY/
/SP_EU_ENXT_REF_CORPOACT_YYYYMM/
```

2.4.2 Auxiliary File

Most Recent File

```
/ALL_EU_ENXT_REF_CORPACT_AUX /
/CURRENT/
```

Historical Files

```
/ALL_EU_ENXT_REF_CORPACT_AUX/

/ALL_EU_ENXT_REF_CORPACT_AUX_YYYY/

/ALL_EU_ENXT_REF_CORPACT_AUX_YYYYMM/
```

2.5 TIME OF DELIVERY

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

2.5.1 Corporate Action Files

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

2.5.2 Auxiliary Files

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

2.6 FILE SPECIFICATIONS

2.6.1 File Name Convention

2.6.1.1 Corporate Actions Files

Euronext secondary markets

Primary Market Service

SP_EU_ENXT-PMS_REF_CORPACT_YYYYMMDD_hh.ext

2.6.1.2 Auxiliary File

Most Recent File

ALL_EU_ENXT_REF_CORPACT_AUX_.xml

Historical File

ALL_EU_ENXT_REF_CORPACT_AUX_YYYYMMDD.xml

2.7 FILE STRUCTURE

Table 3 Files and XML Schema

| FILES | XML SCHEMA |
|---|--|
| Structured Products Corporate Actions | SP_EU_ENXT_REF_CORPACT_SchemaVersion_02.12.2013 |
| Euronext Secondary MarketsPrimary Market Service | SP_EU_ENXT-PMS_REF_CORPACT_SchemaVersion_08.04.2013 |
| Auxiliary File | ALL_EU_ENXT_REF_CORPACT_AUX_SchemaVersion_01.10.2009 |

2.8 MESSAGES STRUCTURE AND FIELDS

2.8.1 Corporate Actions Files

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

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

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

2.8.2 Auxiliary File

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

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

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

APPENDIX A: CORPORATE ACTIONS COVERED

A.1 EURONEXT SECONDARY MARKETS

Table 4 Euronext Secondary Markets Corporate Actions by Number/Type and Module

| CORPORATE ACTION | CORPORATE ACTION TYPE | PRODUCT MODULE |
|------------------|--|---------------------|
| TYPE NUMBER | | STRUCTURED PRODUCTS |
| 0001 | Change of Issuer name and Product Name | Υ |
| 0002 | Change of codes | Υ |
| 0003 | Trading suspension | Υ |
| 0004 | Trading resumption | Υ |
| 0005 | Cancellation of orders | Υ |
| 0006 | Change of trading group | Υ |
| 0007 | Change of paying agent | Υ |
| 8000 | Change of liquidity provider | Υ |
| 0013 | Assimilation | Υ |
| 0027 | Market transfer | Υ |
| 0038 | Listing of structured products | Υ |
| 0039 | Delisting of structured products | Υ |
| 0040 | Change of structured products characteristics | Υ |
| 0041 | Increase of number of listed structured products | Υ |
| 0042 | Decrease of the number of listed structured products | Υ |
| 0053 | Structured Products AIW issued | Υ |
| 0063 | Knock out of Structured products | Υ |
| 0064 | TAKO Delisting of Structured Products | Υ |
| 0083 | Listing of structured notes | Υ |
| 0086 | Product information | Υ |

A.2 PRIMARY MARKET SERVICE

Table 5 Primary Market Service Corporate Actions by Number/Type and Module

| CORPORATE ACTION | CORPORATE ACTION TYPE | PRODUCT MODULE |
|------------------|--------------------------------|---------------------|
| TYPE NUMBER | | STRUCTURED PRODUCTS |
| 0100 | Listing of structured products | Υ |

| CORPORATE ACTION | CORPORATE ACTION TYPE | PRODUCT MODULE |
|------------------|--------------------------------------|---------------------|
| TYPE NUMBER | | STRUCTURED PRODUCTS |
| 0101 | Update of instrument characteristics | Υ |
| 0102 | Update of price schedule | Υ |
| 0103 | Cancellation | Υ |

APPENDIX B: STRUCTURED PRODUCTS MODULE

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

B.1 EURONEXT SECONDARY MARKET

B.1.1 Structured Products Module Corporate Action Numbers 0001 - 0027

Table 6 Euronext Secondary Market Structured Products Module 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 | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| disseminationNumber | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| corporateEventTypeName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| corporateEventTypeCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| issuerName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| issuerCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |

| | | 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 | 8000 | 0013 | 0027 |
| locationName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| locationCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| locationTradingPlaceCodification | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| releaseDate | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| initialNoticeNumber | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| noticeLinkType | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| productType | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| actionTypeName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| actionTypeCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| marketName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| marketCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |

| | | 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 | 8000 | 0013 | 0027 | | |
| effectiveDate | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| isinCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| euronextCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| nationalCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| tradingSymbol | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| euronextDesignation | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| Compartment | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| Location | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| previousAction | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| actionLinkType | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| micCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |

| | 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 | 8000 | 0013 | 0027 | |
| nominalNew | | | | | | | | | | | |
| nominalCurrencyNew | | | | | | | | | | | |
| securitiesToBeListed | | | | | | | | | | | |
| securitiesCancelled | | | | | | | | | | | |
| newSecuritiesListed | | | | | | | | | | | |
| issuePrice | | | | | | | | | | | |
| issuePriceCurrency | | | | | | | | | | | |
| securitiesListed | | | | | | | | | Υ | Υ | |
| newMarket | | | | | | | | | | Υ | |
| fullProductName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | |
| tradingGroupNew | | | | | | Υ | | | | Υ | |

| | | | | CORPO | RATE ACTIO | N TYPE & N | UMBER | | | |
|---------------------------|--|-----------------|--------------------|--------------------|--|----------------------------|---------------------------|---------------------------------|--------------|-----------------|
| | 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 | 8000 | 0013 | 0027 |
| tradingGroupDso | | | | | | Υ | | | | Υ |
| tradingType | | | | | | Υ | | | | Υ |
| tradingCurrency | | | | | | Υ | | | | Υ |
| Trading | | | | | | Υ | | | | Υ |
| settlementPlatform | | | | | | | | | | Υ |
| guaranteeIndicator | | | | | | Υ | | | | Υ |
| dateListing | | | | | | | | | | |
| tradingSize | | | | | | Υ | | | | Υ |
| liquidityProvider1CodeNew | | | | | | | | Υ | | |
| liquidityProvider1NameNew | | | | | | | | Υ | | |
| liquidityProvider1CodeOld | | | | | | | | Υ | | |

| | 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 | 8000 | 0013 | 0027 | |
| liquidityProvider1NameOld | | | | | | | | Υ | | | |
| newIsinCode | | Υ | | | | | | | | | |
| newSymbol | Υ | Υ | | | Υ | | | | | Υ | |
| newEuronextCode | | Υ | | | | | | | | | |
| newNationalCode | | Υ | | | | | | | | | |
| euronextDesignationNew | Υ | Υ | | | Υ | | | | | | |
| tradingGroupOld | | | | | | Υ | | | | Υ | |
| dateDelisting | | | | | | | | | Υ | | |
| reasonDelisting | | | | | | | | | | | |
| cancellationOrder | | Υ | | Υ | | | | | | Υ | |
| typeOfOrderToBeRenewed | | Υ | | Υ | | | | | | Υ | |

| | | | | CORPO | RATE ACTIO | N TYPE & N | UMBER | | | |
|-----------------------|--|-----------------|--------------------|--------------------|--|----------------------------|---------------------------|---------------------------------|--------------|-----------------|
| | 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 | 8000 | 0013 | 0027 |
| ordersToBeRenewedDate | | Υ | | Υ | | | | | | Υ |
| oldIssuerName | Υ | | | | Υ | | | | | |
| originalCode | | | | | | | | | Υ | |
| payingAgentCodeOld | | | | | | | Υ | | | |
| payingAgentNameOld | | | | | | | Υ | | | |
| payingAgentCodeNew | | | | | | | Υ | | | |
| payingAgentNameNew | | | | | | | Υ | | | |
| suspensionDate | | | Υ | | | | | | | |
| suspensionTime | | | Υ | | | | | | | |
| resumptionDate | | | | Y | | | | | | |
| resumptionTime | | | | Υ | | | | | | |

| | | | | CORPO | RATE ACTIO | N TYPE & N | UMBER | | | |
|------------------------|--|-----------------|--------------------|--------------------|--|----------------------------|---------------------------|---------------------------------|--------------|-----------------|
| | 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 | 8000 | 0013 | 0027 |
| marketingProductName | | | | | | Υ | Υ | | Υ | |
| structuredProductsType | | | | | | | Υ | | | |
| nameTranche | | | | | | | | | | |
| issuerLetter | | | | | | | | | | |
| issuerDate | | | | | | | | | | |
| exerciseDate | | | | | | | | | | |
| maturityDate | | | | | | | | | | |
| aiwDate | | | | | | | | | | |
| callPut | | | | | | | | | | |
| optionType | | | | | | | | | | |
| bullBear | | | | | | | | | | |

| | 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 | 8000 | 0013 | 0027 |
| daysBeforeDelisting | | | | | | | | | | |
| settlementType | | | | | | | | | | |
| underlyingIsinCode | | | | | | | | | | |
| underlyingAlternativeCode | | | | | | | | | | |
| underlyingDesignation | | | | | | | | | | |
| underlyingListingPlace | | | | | | | | | | |
| instrumentUnderlyingType | | | | | | | | | | |
| parityNbStructuredProductsOld | | | | | | | | | | |
| parityNbUnderlyingOld | | | | | | | | | | |
| parityNbStructuredProductsNew | | | | | | | | | | |
| parityNbUnderlyingNew | | | | | | | | | | |

| | 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 | 8000 | 0013 | 0027 |
| ratioStructuredProductsUnderlyingNew | | | | | | | | | | |
| ratioStructuredProductsUnderlyingOld | | | | | | | | | | |
| strikePrice | | | | | | | | | | |
| strikePriceCurrencyOld | | | | | | | | | | |
| strikePriceNew | | | | | | | | | | |
| strikePriceCurrencyNew | | | | | | | | | | |
| secondStrikePriceOld | | | | | | | | | | |
| secondStrikePriceCurrency | | | | | | | | | | |
| secondStrikePriceNew | | | | | | | | | | |
| newSecondStrikePriceCurrency | | | | | | | | | | |
| strikePrice3 | | | | | | | | | | |

| | 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 | 8000 | 0013 | 0027 | |
| strike3Currency | | | | | | | | | | | |
| strikePrice4 | | | | | | | | | | | |
| strike4Currency | | | | | | | | | | | |
| globalnominalAmount (globalnominalAmout prior to 13 April 2015) | | | | | | | | | | | |
| couponFrequency | | | | | | | | | | | |
| interestRateNew | | | | | | | | | | | |
| quantoCharacteristic | | | | | | | | | | | |
| barrierExistenceStartDate | | | | | | | | | | | |
| barrierExistenceEndDate | | | | | | | | | | | |
| observationDateFrequency | | | | | | | | | | | |

| | | 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 | |
| capitalGuaranteeStartDate | | | | | | | | | | | |
| guaranteedCapitalLevel | | | | | | | | | | | |
| typeOfCoupon | | | | | | | | | | | |
| couponAmount | | | | | | | | | | | |
| settlementDate | | | | | | | | | | | |
| interestDueDate | | | | | | | | | | | |
| nextCouponPaymentDateNew | | | | | | | | | | | |
| finalRedemptionDate | | | | | | | | | | | |

B.1.2 Structured Products Module Corporate Action Numbers 0038 - 0083

Table 7 Euronext Secondary Market Structured Products Module Corporate Action Numbers 0038 - 0083

| | | | Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y Y | | | | | | | | | |
|----------------------------------|--------------------------------|------|---|--------------------|----------------------------------|-----------------------------------|-------------------------------------|----------------|--------------------------|--------------------------------|--|--|
| | LISTING OF STRUCTURED PRODUCTS | | CHANGE OF STRUCTURED PRODUCTS CHARACTERISTICS | : NUMBER CTURED | OF THE OF LISTED RED PRODU | STRUCTURED PRODUCTS AIW ISSUED | KNOCK OUT OF STRUCTURED PRODUCTS | NG OF PRODU | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES | | |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 | | |
| noticeNumber | Υ | Y | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| disseminationNumber | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| corporateEventTypeName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| corporateEventTypeCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| issuerName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| issuerCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| locationName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| locationCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| locationTradingPlaceCodification | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |

| | | | Y Y Y Y Y Y Y | | | | | | | | | |
|---------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|------------------------------|--------------------------|------|--|--|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | DELISTING OF CTURED PRODU | CHANGE OF COMPARTMENT | / E | | |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 | | |
| releaseDate | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| initialNoticeNumber | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| noticeLinkType | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| productType | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| actionTypeName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| actionTypeCode | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| marketName | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| marketCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| effectiveDate | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |
| isinCode | Y | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | | |

| | | | | C | ORPORATE A | ACTION TYP | E & NUMBEI | R | | |
|---------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|-----------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| euronextCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| nationalCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| tradingSymbol | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| euronextDesignation | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| compartment | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| location | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| previousAction | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| actionLinkType | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| micCode | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ | Υ |
| nominalNew | | | | | | | | | | Υ |

| | | | | C | ORPORATE | ACTION TYP | E & NUMBE | R | | |
|----------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| nominalCurrencyNew | | | | | | | | | | Υ |
| securitiesToBeListed | Υ | | | Υ | | Υ | | | | Υ |
| securitiesCancelled | | | | | Υ | | | | | |
| newSecuritiesListed | Υ | | | Υ | Υ | Υ | | | | Υ |
| issuePrice | Υ | | | Υ | | Υ | | | | Υ |
| issuePriceCurrency | Υ | | | Υ | | Υ | | | | Υ |
| securitiesListed | | | | Υ | Υ | | | | | |
| newMarket | | | | | | | | | | |
| fullProductName | Υ | Υ | Υ | Υ | Υ | Υ | | | | |
| tradingGroupNew | Υ | | | | | Υ | | | | Υ |

| | | | | C | ORPORATE | ACTION TYP | E & NUMBE | R | | |
|---------------------------|-----------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| tradingGroupDso | | | | | | | | | | |
| tradingType | Υ | | | Υ | | Υ | | | | Y |
| tradingCurrency | Υ | | | | | Υ | | | | Υ |
| trading | Υ | | | | | Υ | | | | Υ |
| settlementPlatform | Υ | | | | | Υ | | | | Υ |
| guaranteeIndicator | Υ | | | | | Υ | | | | Υ |
| dateListing | Υ | | | | | Υ | | | Υ | Υ |
| tradingSize | Υ | | | Υ | | Υ | | | | Υ |
| liquidityProvider1CodeNew | Υ | | | | | Υ | | | | Υ |
| liquidityProvider1NameNew | Υ | | | | | Υ | | | | Υ |

| | | | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES | | |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 | | |
| liquidityProvider1CodeOld | | | | Υ | | | | | | | | |
| liquidityProvider1NameOld | | | | Υ | | | | | | | | |
| newIsinCode | | | | | | | | | | | | |
| newSymbol | | | | | | | | | | | | |
| newEuronextCode | | | | | | | | | | | | |
| newNationalCode | | | | | | | | | | | | |
| euronextDesignationNew | | | Υ | | | | | | | | | |
| tradingGroupOld | | | | Υ | | | | | | | | |
| dateDelisting | | Υ | | | | | Υ | Υ | | | | |
| reasonDelisting | | Υ | | | | | | | | | | |

| | | | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES | | |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 | | |
| cancellationOrder | | | | | | | | | | | | |
| typeOfOrderToBeRenewed | | | | | | | | | | | | |
| ordersToBeRenewedDate | | | | | | | | | | | | |
| oldIssuerName | | | | | | | | | | | | |
| originalCode | | | | | | | | | | | | |
| payingAgentCodeOld | | | | Υ | | | | | | | | |
| payingAgentNameOld | | | | Υ | | | | | | | | |
| payingAgentCodeNew | Υ | | | | | Υ | | | | Υ | | |
| payingAgentNameNew | Y | | | | | Υ | | | | Υ | | |
| suspensionDate | | | | | | | Υ | Υ | | | | |

| | | | | | ORPORATE | ACTION TYP | E & NUMBEI | R | | |
|------------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| suspensionTime | | | | | | | | | | |
| resumptionDate | | | | | | | | | | |
| resumptionTime | | | | | | | | | | |
| marketingProductName | Υ | Υ | Υ | Υ | | Υ | Υ | Υ | | Y |
| structuredProductsType | Υ | | Υ | Υ | Υ | Υ | | | | Υ |
| nameTranche | Υ | | | Υ | | Υ | | | | |
| issuerLetter | | | | | | | | | | |
| issuerDate | Υ | | | Υ | | Υ | | | | Υ |
| exerciseDate | Υ | | | Υ | | Υ | | | | |
| maturityDate | Υ | Υ | | Υ | | Υ | | | | Υ |

| | | | | C | ORPORATE | ACTION TYP | E & NUMBEI | R | | |
|---------------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|-----------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| aiwDate | | | | | | Υ | | | | Υ |
| callPut | Υ | | | Υ | | Υ | | | | |
| optionType | Υ | | | Υ | | Υ | | | | |
| bullBear | Υ | | | | | Υ | | | | |
| daysBeforeDelisting | Υ | Υ | | | | Υ | | | | |
| settlementType | Υ | | | Υ | | Υ | | | | |
| underlyinglsinCode | Υ | | Υ | Υ | | Υ | | | | Υ |
| underlyingAlternativeCode | Υ | | Υ | | | Υ | | | | Υ |
| underlyingDesignation | Υ | | Υ | Υ | | Υ | | | | Υ |
| underlyingListingPlace | Υ | | | | | Υ | | | | |

| | | | | | ORPORATE | ACTION TYP | E & NUMBEI | R | | |
|---|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|-----------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| instrumentUnderlyingType | Υ | | | Υ | | Υ | | | | Υ |
| parityNbStructuredProductsOld | | | Υ | Υ | | | | | | |
| parityNbUnderlyingOld | | | Υ | Υ | | | | | | |
| parityNbStructuredProductsNew | Υ | | Υ | | | Υ | | | | |
| parityNbUnderlyingNew | Υ | | Υ | | | Υ | | | | |
| ratioStructuredProductsUnderlyingNe w | Υ | | Υ | | | Υ | | | | |
| ratio Structure d Products Underlying Old | | | Υ | Υ | | | | | | |
| strikePrice | | | Υ | Υ | | | | | | |
| strikePriceCurrencyOld | | | Υ | Υ | | | | | | |
| strikePriceNew | Y | | Υ | | | Υ | | | | |

| | | | | C | ORPORATE | ACTION TYP | E & NUMBEI | R | | |
|------------------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| strikePriceCurrencyNew | Υ | | Υ | | | Υ | | | | |
| secondStrikePriceOld | | | Υ | Υ | | | | | | |
| secondStrikePriceCurrency | | | Υ | Υ | | | | | | |
| secondStrikePriceNew | Υ | | Υ | | | Υ | | | | |
| newSecondStrikePriceCurrency | Υ | | Υ | | | Υ | | | | |
| strikePrice3 | Υ | | | | | Υ | | | | |
| strike3Currency | Υ | | | | | Υ | | | | |
| strikePrice4 | Υ | | | | | Υ | | | | |
| strike4Currency | Υ | | | | | Υ | | | | |
| globalnominalAmount | | | | | | | | | | Υ |

| | | | | | ORPORATE | ACTION TYP | E & NUMBEI | 2 | | |
|---------------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| couponFrequency | | | | | | | | | | Υ |
| interestRateNew | | | | | | | | | | Υ |
| quantoCharacteristic | Υ | | | | | Υ | | | | |
| barrierExistenceStartDate | Υ | | | | | Υ | | | | |
| barrierExistenceEndDate | Υ | | | | | Υ | | | | |
| observationDateFrequency | Y | | | | | Υ | | | | |
| capitalGuaranteeStartDate | Y | | | | | Υ | | | | |
| guaranteedCapitalLevel | Y | | | | | Υ | | | | |
| typeOfCoupon | Y | | | | | Υ | | | | |
| couponAmount | Υ | | | | | Υ | | | | |

| | | | | C | ORPORATE | ACTION TYP | E & NUMBE | R | | |
|--------------------------|--------------------------------|-------------------------------------|---|--|--|-----------------------------------|-------------------------------------|--|--------------------------|--------------------------------|
| | 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 | KNOCK OUT OF STRUCTURED PRODUCTS | TAKO DELISTING OF STRUCTURED PRODUCTS | CHANGE OF COMPARTMENT | LISTING OF STRUCTURED NOTES |
| FIELDS | 0038 | 0039 | 0040 | 0041 | 0042 | 0053 | 0063 | 0064 | 0078 | 0083 |
| settlementDate | | | | | | | | | | Υ |
| interestDueDate | | | | | | | | | | Υ |
| nextCouponPaymentDateNew | | | | | | | | | | Υ |
| finalRedemptionDate | | | | | | | | | | Υ |
| TAKOPeriod | Υ | | | | | | | | | |
| TAKODate | | | | | | | | Υ | | |
| TAKOEndDate | | | | | | | | Υ | | |

B.2 PRIMARY MARKET SERVICE

B.2.1 Structured Products Module Corporate Action Numbers 0100 – 0103

Table 8 Primary Market Service Structured Products Module Corporate Action Numbers 0101 – 0103

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|----------------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| noticeNumber | Υ | Υ | Υ | Υ |
| disseminationNumber | Υ | Υ | Υ | Υ |
| corporateEventTypeName | Υ | Υ | Υ | Υ |
| corporateEventTypeCode | Υ | Υ | Υ | Υ |
| issuerName | Υ | Υ | Υ | Υ |
| issuerCode | Υ | Υ | Υ | Υ |
| locationName | Υ | Υ | Υ | Υ |
| locationCode | Υ | Υ | Υ | Υ |
| locationTradingPlaceCodification | Υ | Υ | Υ | Υ |
| releaseDate | Υ | Υ | Υ | Υ |
| initialNoticeNumber | Υ | Υ | Υ | Υ |
| noticeLinkType | Υ | Υ | Υ | Υ |
| productType | Υ | Υ | Υ | Υ |
| actionTypeName | Υ | Υ | Υ | Υ |
| actionTypeCode | Υ | Υ | Υ | Υ |
| marketName | Υ | Υ | Υ | Υ |
| marketCode | Y | У | Y | Υ |
| 0.2020 5 | | | | |

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| | CORPORATE ACTION TYPE AND NUMBER | | | |
|----------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| effectiveDate | Υ | У | У | Υ |
| isinCode | Υ | Υ | Υ | У |
| euronextCode | Υ | Υ | Υ | У |
| nationalCode | Υ | Υ | Υ | Υ |
| tradingSymbol | Υ | Υ | Υ | Υ |
| euronextDesignation | Υ | Υ | Υ | Υ |
| compartment | Υ | Υ | Υ | У |
| location | Υ | Υ | Υ | Υ |
| previousAction | | | | |
| actionLinkType | | | | |
| micCode | Υ | Υ | Υ | Υ |
| nominalNew | Υ | | | |
| nominalCurrencyNew | Υ | | | |
| securitiesToBeListed | Υ | | | |
| SecuritiesCancelled | | | | |
| newSecuritiesListed | Υ | | | |
| issuePrice | Υ | Υ | Υ | |
| issuePriceCurrency | Υ | Υ | Υ | |
| securitiesListed | | Υ | | |
| newMarket | | | | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|---------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| fullProductName | | | | |
| tradingGroupNew | Υ | | | |
| tradingGroupDso | | | | |
| tradingType | Υ | | Υ | |
| tradingCurrency | Υ | | | |
| trading | Υ | | | |
| settlementPlatform | Υ | | | |
| guaranteeIndicator | Υ | | | |
| dateListing | | | | |
| tradingSize | Υ | Υ | Υ | |
| liquidityProvider1CodeNew | Υ | | | |
| liquidityProvider1NameNew | Υ | | | |
| liquidityProvider1CodeOld | | | | |
| liquidityProvider1NameOld | | | | |
| newIsinCode | | | | |
| newSymbol | | | | |
| newEuronextCode | | | | |
| newNationalCode | | | | |
| euronextDesignationNew | | Υ | | |
| tradingGroupOld | | Υ | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| dateDelisting | | | | |
| reasonDelisting | | | | Υ |
| cancellationOrder | | | | |
| typeOfOrderToBeRenewed | | | | |
| ordersToBeRenewedDate | | | | |
| oldIssuerName | | | | |
| originalCode | | | | |
| payingAgentCodeOld | | Υ | | |
| payingAgentNameOld | | Υ | | |
| payingAgentCodeNew | Υ | | | |
| payingAgentNameNew | Υ | | | |
| suspensionDate | | | | Υ |
| suspensionTime | | | | |
| resumptionDate | | | | |
| resumptionTime | | | | |
| marketingProductName | Υ | Υ | Υ | |
| structuredProductsType | Υ | Υ | Υ | |
| nameTranche | | | | |
| issuerLetter | Υ | | | |
| issuerDate | Υ | Υ | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|--------------------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| exerciseDate | Υ | Υ | | |
| maturityDate | Υ | Υ | | Υ |
| aiwDate | | | | |
| callPut | Υ | Υ | | |
| optionType | Υ | Υ | Υ | |
| bullBear | Υ | | | |
| daysBeforeDelisting | | | | |
| settlementType | Υ | Υ | Υ | |
| underlyingIsinCode | Υ | Υ | Υ | |
| underlyingAlternativeCode | | | | |
| underlyingDesignation | Υ | Υ | | |
| underlyingListingPlace | | | | |
| instrumentUnderlyingType | Υ | Υ | | |
| parityNbStructuredProductsOld | | Υ | | |
| parityNbUnderlyingOld | | Υ | | |
| parityNbStructuredProductsNew | Υ | Υ | | |
| parityNbUnderlyingNew | Υ | Υ | | |
| ratioStructuredProductsUnderlyingNew | Υ | Υ | | |
| ratioStructuredProductsUnderlyingOld | | Υ | | |
| strikePrice | | Υ | | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|---|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| strikePriceCurrencyOld | | Υ | | |
| strikePriceNew | Υ | Υ | | |
| strikePriceCurrencyNew | Υ | Υ | | |
| secondStrikePriceOld | | | | |
| secondStrikePriceCurrency | | | | |
| secondStrikePriceNew | Υ | | | |
| newSecondStrikePriceCurrency | Υ | | | |
| strikePrice3 | Υ | | | |
| strike3Currency | Υ | | | |
| strikePrice4 | Υ | | | |
| strike4Currency | Υ | | | |
| globalnominalAmout (globalnominalAmout prior to 13 April 2015) | Υ | | | |
| couponFrequency | Υ | | | |
| interestRateNew | Υ | | | |
| quantoCharacteristic | Υ | | | |
| barrierExistenceStartDate | | | | |
| barrierExistenceEndDate | | | | |
| observationDateFrequency | | | | |
| capitalGuaranteeStartDate | | | | |
| guaranteedCapitalLevel | | | | |

| | CORPO | ORATE ACTION | TYPE AND NU | MBER |
|----------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| typeOfCoupon | Υ | | | |
| couponAmount | | | | |
| settlementDate | Υ | | | |
| interestDueDate | Υ | | | |
| nextCouponPaymentDateNew | Υ | | | |
| finalRedemptionDate | | | | |
| quantityNotation | Υ | | | |
| PrimaryMarketIndicatorNew | Υ | Υ | Υ | |
| PrimaryMarketIndicatorOld | | Υ | Υ | |
| SubscriptionStartDateNew | Υ | Υ | Υ | |
| SubscriptionStartDateOld | | Υ | Υ | |
| SubscriptionEndDateNew | Υ | Υ | Υ | |
| SubscriptionEndDateOld | | Υ | Υ | |
| SubscriptionEndTimeNew | Υ | Υ | Υ | |
| SubscriptionEndTimeOld | | Υ | Υ | |
| AuctionDateNew | Υ | Υ | Υ | |
| AuctionDateOld | | Υ | Υ | |
| AuctionTimeNew | Υ | Υ | Υ | |
| AuctionTimeOld | | Υ | Υ | |
| OrderCancellationIndicator | Υ | Υ | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|------------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| segment | Υ | | | |
| CommercializationCountry1New | Υ | Υ | Υ | |
| CommercializationCountry10ld | | Υ | Υ | |
| CommercializationCountry2New | Υ | Υ | Υ | |
| CommercializationCountry2Old | | Υ | Υ | |
| CommercializationCountry3New | Υ | Υ | Υ | |
| CommercializationCountry3Old | | Υ | Υ | |
| SubscriptionPriceTypeNew | Υ | Υ | Υ | |
| SubscriptionPriceTypeOld | | Υ | Υ | |
| SubscriptionPrice1 | Υ | | Υ | |
| SubscriptionPriceDate1 | Υ | | Υ | |
| SubscriptionPrice2 | Υ | | Υ | |
| SubscriptionPriceDate2 | Υ | | Υ | |
| SubscriptionPrice3 | Υ | | Υ | |
| SubscriptionPriceDate3 | Υ | | Υ | |
| SubscriptionPrice4 | Υ | | Υ | |
| SubscriptionPriceDate4 | Υ | | Υ | |
| SubscriptionPrice5 | Υ | | Υ | |
| SubscriptionPriceDate5 | Υ | | Υ | |
| SubscriptionPrice6 | Υ | | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate6 | Υ | | Υ | |
| SubscriptionPrice7 | Υ | | Υ | |
| SubscriptionPriceDate7 | Υ | | Υ | |
| SubscriptionPrice8 | Υ | | Υ | |
| SubscriptionPriceDate8 | Υ | | Υ | |
| SubscriptionPrice9 | Υ | | Υ | |
| SubscriptionPriceDate9 | Υ | | Υ | |
| SubscriptionPrice10 | Υ | | Υ | |
| SubscriptionPriceDate10 | Υ | | Υ | |
| SubscriptionPrice11 | Υ | | Υ | |
| SubscriptionPriceDate11 | Υ | | Υ | |
| SubscriptionPrice12 | Υ | | Υ | |
| SubscriptionPriceDate12 | Υ | | Υ | |
| SubscriptionPrice13 | Υ | | Υ | |
| SubscriptionPriceDate13 | Υ | | Υ | |
| SubscriptionPrice14 | Υ | | Υ | |
| SubscriptionPriceDate14 | Υ | | Υ | |
| SubscriptionPrice15 | Υ | | Υ | |
| SubscriptionPriceDate15 | Υ | | Υ | |
| SubscriptionPrice16 | Υ | | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate16 | Υ | | Υ | |
| SubscriptionPrice17 | Υ | | Υ | |
| SubscriptionPriceDate17 | Υ | | Υ | |
| SubscriptionPrice18 | Υ | | Υ | |
| SubscriptionPriceDate18 | Υ | | Υ | |
| SubscriptionPrice19 | Υ | | Υ | |
| SubscriptionPriceDate19 | Υ | | Υ | |
| SubscriptionPrice20 | Υ | | Υ | |
| SubscriptionPriceDate20 | Υ | | Υ | |
| SubscriptionPrice21 | Υ | | Υ | |
| SubscriptionPriceDate21 | Υ | | Υ | |
| SubscriptionPrice22 | Υ | | Υ | |
| SubscriptionPriceDate22 | Υ | | Υ | |
| SubscriptionPrice23 | Υ | | Υ | |
| SubscriptionPriceDate23 | Υ | | Υ | |
| SubscriptionPrice24 | Υ | | Υ | |
| SubscriptionPriceDate24 | Υ | | Υ | |
| SubscriptionPrice25 | Υ | | Υ | |
| SubscriptionPriceDate25 | Υ | | Υ | |
| SubscriptionPrice26 | Υ | | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate26 | Υ | | Υ | |
| SubscriptionPrice27 | Υ | | Υ | |
| SubscriptionPriceDate27 | Υ | | Υ | |
| SubscriptionPrice28 | Υ | | Υ | |
| SubscriptionPriceDate28 | Υ | | Υ | |
| SubscriptionPrice29 | Υ | | Υ | |
| SubscriptionPriceDate29 | Υ | | Υ | |
| SubscriptionPrice30 | Υ | | Υ | |
| SubscriptionPriceDate30 | Υ | | Υ | |
| SubscriptionPrice31 | Υ | | Υ | |
| SubscriptionPriceDate31 | Υ | | Υ | |
| SubscriptionPrice32 | Υ | | Υ | |
| SubscriptionPriceDate32 | Υ | | Υ | |
| SubscriptionPrice33 | Υ | | Υ | |
| SubscriptionPriceDate33 | Υ | | Υ | |
| SubscriptionPrice34 | Υ | | Υ | |
| SubscriptionPriceDate34 | Υ | | Υ | |
| SubscriptionPrice35 | Υ | | Υ | |
| SubscriptionPriceDate35 | Υ | | Υ | |
| SubscriptionPrice36 | Υ | | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate36 | Υ | | Υ | |
| SubscriptionPrice37 | Υ | | Υ | |
| SubscriptionPriceDate37 | Υ | | Υ | |
| SubscriptionPrice38 | Υ | | Υ | |
| SubscriptionPriceDate38 | Υ | | Υ | |
| SubscriptionPrice39 | Υ | | Υ | |
| SubscriptionPriceDate39 | Υ | | Υ | |
| SubscriptionPrice40 | Υ | | Υ | |
| SubscriptionPriceDate40 | Υ | | Υ | |
| SubscriptionPrice41 | Υ | | Υ | |
| SubscriptionPriceDate41 | Υ | | Υ | |
| SubscriptionPrice42 | Υ | | Υ | |
| SubscriptionPriceDate42 | Υ | | Υ | |
| SubscriptionPrice43 | Υ | | Υ | |
| SubscriptionPriceDate43 | Υ | | Υ | |
| SubscriptionPrice44 | Υ | | Υ | |
| SubscriptionPriceDate44 | Υ | | Υ | |
| SubscriptionPrice45 | Υ | | Υ | |
| SubscriptionPriceDate45 | Υ | | Υ | |
| SubscriptionPrice46 | Υ | | Υ | |

| | CORPO | ORATE ACTION | I TYPE AND NU | MBER |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| FIELDS | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate46 | Υ | | Υ | |
| SubscriptionPrice47 | Υ | | Υ | |
| SubscriptionPriceDate47 | Υ | | Υ | |
| SubscriptionPrice48 | Υ | | Υ | |
| SubscriptionPriceDate48 | Υ | | Υ | |
| SubscriptionPrice49 | Υ | | Υ | |
| SubscriptionPriceDate49 | Υ | | Υ | |
| SubscriptionPrice50 | Υ | | Υ | |
| SubscriptionPriceDate50 | Υ | | Υ | |
| SubscriptionPrice51 | Υ | | Υ | |
| SubscriptionPriceDate51 | Υ | | Υ | |
| SubscriptionPrice52 | Υ | | Υ | |
| SubscriptionPriceDate52 | Υ | | Υ | |
| SubscriptionPrice53 | Υ | | Υ | |
| SubscriptionPriceDate53 | Υ | | Υ | |
| SubscriptionPrice54 | Υ | | Υ | |
| SubscriptionPriceDate54 | Υ | | Υ | |
| SubscriptionPrice55 | Υ | | Υ | |
| SubscriptionPriceDate55 | Υ | | Υ | |
| SubscriptionPrice56 | Υ | | Υ | |

| | | | | MBER |
|-------------------------|---|---|---|----------------------------------|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION |
| | 0100 | 0101 | 0102 | 0103 |
| SubscriptionPriceDate56 | Υ | | Υ | |
| SubscriptionPrice57 | Υ | | Υ | |
| SubscriptionPriceDate57 | Υ | | Υ | |
| SubscriptionPrice58 | Υ | | Υ | |
| SubscriptionPriceDate58 | Υ | | Υ | |
| SubscriptionPrice59 | Υ | | Υ | |
| SubscriptionPriceDate59 | Υ | | Υ | |
| SubscriptionPrice60 | Υ | | Υ | |
| SubscriptionPriceDate60 | Υ | | Υ | |
| SubscriptionPrice61 | Υ | | Υ | |
| SubscriptionPriceDate61 | Υ | | Υ | |
| SubscriptionPrice62 | Υ | | Υ | |
| SubscriptionPriceDate62 | Υ | | Υ | |
| SubscriptionPrice63 | Υ | | Υ | |
| SubscriptionPriceDate63 | Υ | | Υ | |
| SubscriptionPrice64 | Υ | | Υ | |
| SubscriptionPriceDate64 | Υ | | Υ | |
| SubscriptionPrice65 | Υ | | Υ | |
| SubscriptionPriceDate65 | Υ | | Υ | |
| SubscriptionPrice66 | Υ | | Υ | |

| | CORPORATE ACTION TYPE AND NUMBER | | | | | | | | | |
|-------------------------|---|---|---|----------------------------------|--|--|--|--|--|--|
| | PRIMARY MARKET - LISTING OF STRUCTURED PRODUCTS | PRIMARY MARKET – UPDATE OF INSTRUMENT CHARACTERISTICS | PRIMARY MARKET – UPDATE OF PRICE SCHEDULE | PRIMARY MARKET – CANCELLATION | | | | | | |
| FIELDS | 0100 | 0101 | 0102 | 0103 | | | | | | |
| SubscriptionPriceDate66 | Υ | | Υ | | | | | | | |
| SubscriptionPrice67 | Υ | | Υ | | | | | | | |
| SubscriptionPriceDate67 | Υ | | Υ | | | | | | | |
| SubscriptionPrice68 | Υ | | Υ | | | | | | | |
| SubscriptionPriceDate68 | Υ | | Υ | | | | | | | |
| SubscriptionPrice69 | Υ | | Υ | | | | | | | |
| SubscriptionPriceDate69 | Υ | | Υ | | | | | | | |
| SubscriptionPrice70 | Υ | | Υ | | | | | | | |
| SubscriptionPriceDate70 | Υ | | Υ | | | | | | | |
| freeTextZone | Υ | Υ | Υ | Υ | | | | | | |

APPENDIX C: FIELD DEFINITIONS

C.1 EURONEXT SECONDARY MARKETS AND PRIMARY MARKET SERVICE

Table 9 Field Definitions for Corporate Actions

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| FIELD NAME | FIELD DEFINITION | FIELD TYPE | FIELD LENGTH | FIELD DECIMALS | DATE FORMAT | FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES | RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE- DEFINED SET OF POSSIBLE VALUES | COMMENTS |
|--------------|--|------------|--------------|----------------|-------------|--|--|----------|
| micCode | Market Identification Code | Text | 25 | | | Υ | 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 | | | | | |
| netDividend | Net dividend amount | Num | | 5 | | | | |

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

| FIELD NAME NEW FIELDS ADDED FOR THE PRIMARY MAR | 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 |
|--|--|------------|--------------|----------------|-------------|--|--|----------|
| quantityNotation | Trading related information | Text | 50 | | | Υ | quantityNotation | |
| • | (number of securities or amount) | | | | | | | |
| PrimaryMarketIndicatorNew | Indicates if the message is Primary Market Service related | Text | 1 | | Y or N | | | |
| PrimaryMarketIndicatorOld | Previously announced Primary Market Indicator. Valid until modified. | Text | 1 | | Y or N | | | |
| SubscriptionStartDateNew | First day of subscription. | Date | 10 | | dd/mm/yyyy | | | |

| FIELD NAME | FIELD DEFINITION | FIELD TYPE | FIELD LENGTH | FIELD DECIMALS | DATE FORMAT | FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES | RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE- DEFINED SET OF POSSIBLE VALUES | COMMENTS |
|--------------------------|--|------------|--------------|----------------|-------------|---|--|----------|
| SubscriptionStartDateOld | Previously announced Subscription Start Date. Valid until modified. | Date | 10 | | dd/mm/yyyy | | | |
| SubscriptionEndDateNew | Last day of subscription | Date | 10 | | dd/mm/yyyy | | | |
| SubscriptionEndDateOld | Previously announced Subscription End Date. Valid until modified. | Date | 10 | | dd/mm/yyyy | | | |
| SubscriptionEndTimeNew | Time on subscription end date at which the subscription period is closed | Text | 4 | | ННММ | | | |

| 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 |
|------------------------|---|------------|--------------|----------------|-------------|--|--|----------|
| SubscriptionEndTimeOld | Previously announced Subscription End Time. Valid until modified. | Text | 4 | | ННММ | | | |
| AuctionDateNew | Date on which the instrument auction occurs. | Date | 10 | | dd/mm/yyyy | | | |
| AuctionDateOld | Previously announced Auction Date. Valid until modified. | Date | 10 | | dd/mm/yyyy | | | |
| AuctionTimeNew | Time on Auction Date at which the instrument auction occurs. | Text | 4 | | ННММ | | | |

| 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 |
|----------------------------|---|------------|--------------|----------------|-------------|--|--|----------|
| AuctionTimeOld | Previously announced Auction Time. Valid until modified. | Text | 4 | | ННММ | | | |
| OrderCancellationIndicator | Indicates if Broker orders can be cancelled. | Text | 1 | | Y or N | | | |
| segment | Indicates if the segment is a professional one | Text | 1 | | Y or N | | | |
| ExternalClearingIndicator | Indicates whether a trade message is sent to the relevant clearing house or not | Text | 1 | | Y or N | | | |

| 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 |
|------------------------------|---|------------|--------------|----------------|-------------|--|--|--------------------------|
| CommercializationCountry1New | Code of commercialization country 1 | Text | 2 | | | | | ISO 3166 |
| | , | | | | | | | 2-character country code |
| CommercializationCountry1Old | Previously announced CommercializationCountry1. | Text | 2 | | | | | ISO 3166 |
| | Valid until modified. | | | | | | | 2-character country code |
| CommercializationCountry2New | Code of commercialization country 2 | Text | 2 | | | | | ISO 3166 |
| | | | | | | | | 2-character country code |
| CommercializationCountry2Old | Previously announced CommercializationCountry2. | Text | 2 | | | | | ISO 3166 |
| | Valid until modified | | | | | | | 2-character country code |

| 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 |
|------------------------------|---|------------|--------------|----------------|-------------|--|--|--------------------------|
| CommercializationCountry3New | Code of commercialization country 3 | Text | 2 | | | | | ISO 3166 |
| | Country 3 | | | | | | | 2-character country code |
| CommercializationCountry3Old | Previously announced CommercializationCountry3. | Text | 2 | | | | | ISO 3166 |
| | Valid until modified | | | | | | | 2-character country code |
| SubscriptionPriceTypeNew | Indicates the type of subscription price type | Text | 25 | | Fixed | Υ | SubscriptionPriceTy | |
| | subscription price type | | | | Variable | | pe | |
| SubscriptionPriceTypeOld | Previously announced SubscriptionPriceType. Valid until modified. | Text | 25 | | | | | |

| FIELD NAME | FIELD DEFINITION | FIELD TYPE | FIELD LENGTH | FIELD DECIMALS | DATE FORMAT | FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES | RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE- DEFINED SET OF POSSIBLE VALUES | COMMENTS |
|------------------------|--|------------|--------------|----------------|-------------|--|--|----------|
| SubscriptionPrice1 | Subscription price 1 | Num | | 1 | | | | |
| SubscriptionPriceDate1 | Starting date (morning of) from which Subscription price 1 | Date | 10 | | dd/mm/yyyy | | | |
| SubscriptionPrice2 | Subscription price 2 | Num | | 1 | | | | |
| SubscriptionPriceDate2 | Starting date (morning of) from which Subscription price 2 | Date | 10 | | dd/mm/yyyy | | | |

| FIELD NAME | FIELD DEFINITION | FIELD TYPE | FIELD LENGTH | FIELD DECIMALS | DATE FORMAT | FIELD HAS PRE-DEFINED SET OF POSSIBLE VALUES | RECORD TYPE INCLUDED IN THE AUXILIARY FILE TO THE LIST PRE- DEFINED SET OF POSSIBLE VALUES | COMMENTS |
|-------------------------|---|------------|--------------|----------------|-------------|--|--|----------|
| SubscriptionPrice70 | Subscription price 70 | Num | | 1 | | | | |
| SubscriptionPriceDate70 | Starting date (morning of) from which Subscription price 70 | Date | 10 | | dd/mm/yyyy | | | |

APPENDIX D: AUXILIARY FILE

D.1 FIELDS IN THE AUXILIARY FILE

Table 10 Fields in the Auxiliary File

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

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

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

D.2 TABLE SP_INFO_STRIKE_1

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

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| INSTRUMENT CHARACTERISTIC | DEFINITION |
|---------------------------|------------------------------------|
| Upper_Threshold | Corresponds to the knock out level |

D.3 TABLE SP_INFO_STRIKE_2

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

D.4 TABLE SP_INFO_STRIKE_3

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

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

D.5 TABLE SP_INFO_STRIKE_4

| mempty 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 | INSTRUMENT CHARACTERISTIC | DEFINITION |
|--|---------------------------|--|
| Performance_1 First % performance applicable up to LEVEL_1 Underlying_Performance Indicates the performance participation for a product in % | | |
| Underlying_Performance Indicates the performance participation for a product in % | 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 |
| Upper_Knockin_Level Indicates the higher of the two levels that set a knock -in window | 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 E: 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 | Upper_Threshold | Strike_Price | empty | empty |

| MARKETING PRODUCT NAME | STRUCTURED PRODUCTS TYPE | STRIKE 1 | STRIKE 2 | STRIKE 3 | STRIKE 4 |
|------------------------------------|---|-------------------|-----------------|----------|----------|
| | out 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 |