

DERIVATIVES TRADING FEES FILE

OPEJ3 FILE SPECIFICATIONS

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

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

PREFACE

About This Document

This document provides detailed information regarding the design of the daily derivatives trading fees OPEJ3 file.

Document Audience

This document is aimed at General Clearing Members and their ISVs.

What's New?

Version no.	Date	Author	Change description
1.0	7 November 2019	Euronext	Initial Version
1.1	21 November 2019	Euronext	- Consistency updates to stick to ISO Production specifications - CORR Record: sequence numbering updated from position 179 and onwards - Total Record length homogeneous set to 257
1.2	15 May 2020	Euronext	Addition of Billing Currency field (length 3 characters) using the ending Filler in both AFFE (at position 194) and CORR (at position 233) records.
1.3	12 March 2024	Euronext	- Change of descriptions for Origin and Financial market of the contract fields - Added values for the latter
1.4	19 April 2024	Euronext	- Change format of the External trade identifier field from Num(10) to Char(16) - Timestamp creation and Timestamp maintenance fields are deprecated and replaced by a filler
1.5	30 October 2024	Euronext	- Added Contract Code field with format Char(4) inside the "Filler" field. In AFFE records therefore the "Filler" field becomes with format Char(56) at position 202 and in CORR records becomes with format Char(11) at position 247 - At go live of BITA clearing migration "Product Family Code" field, in both AFFE and CORR records, will be deprecated.
1.5.1	10 February 2025	Euronext	Adjustment of positions on header, AFFE "Posting" and CORR "Correction" body and footer records.
1.5.2	19 June 2025	Euronext	- Clarification on roles of Euronext and Euronext Clearing on the OPEJ3 file - Addition of information in Product Family Code field description - Update of correspondence table between MIC and Financial market codes for Euronext Milan.
1.5.3	24 September 2025	Euronext	Update of correspondence table between MIC and Financial market codes by adding a new market code for Euronext Amsterdam market: '313'
1.5.4	15 October 2025	Euronext	Update of correspondence table between MIC and Financial market codes by adding a new market code for Euronext Amsterdam market: '315'
1.5.5	1 September 2026	Euronext	Update logic for field "Correction Code" (165) to report Debit/Credit net financial impact instead of specific transaction types. Removed associated "for future use" flag. For the CORR record - Fields "Internal/External correction indicator" (179) and "Key for the fees distribution" (180) deprecated and replaced by a filler. Added "Purpose of the file and limitations for reconciliation with Clearing reports" notice to clarify OPEJ3 quantity aggregation logic and reconciliation limits. Added section "Associated Documents"

Associated Documents

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

- Euronext Clearing Interfaces Overview and Derivatives Reporting;
- Derivatives Fee Book

Support

File distribution

Euronext Clearing
Client Services & Onboarding
+39 06 32 395 230
ccp-clientservices@euronext.com

File content

Euronext
Operational Client Support Desk

Belgium	+32 2620 0585	Netherlands	+31 20 721 9585
France	+33 1 8514 8585	Norway	+31 20 721 9585
Ireland	+353 1 6174 289	Portugal	+351 2 1060 8585
Italy	+39 02 7242 6080	UK	+44 207 660 8585

Email: clientsupport@euronext.com

CONTENTS

1.	OPEJ3 FILE	54
----	------------------	----

1. OPEJ3 FILE

The OPEJ3 file contains the trading fees due by Exchange participants operating on the Euronext Derivatives markets (Amsterdam, Brussels, Lisbon, Milan, Paris, Oslo).

Euronext calculates trading fees on a daily basis per trading participant and creates trading fee reports per clearing member.

Clearing members do not have or need to have a technical access with Euronext to receive this daily file: Euronext relies on Euronext Clearing technical portal to report these files to clearing members as Euronext derivatives markets are fully cleared by Euronext Clearing.

Euronext Clearing only provides a technical service in the reporting of this file to clearing members.

OPEJ3 file content remains under the responsibility of Euronext. Any question or issue on the OPEJ3 file content will require Euronext assistance.

On a separate note, Euronext Clearing calculates solely the clearing fees related to products traded on the Euronext Derivatives markets per trading member and reports those latter on a daily basis to clearing members (through FB02 - Daily Derivatives Trade Fees Breakdown).

Ultimately, clearing members centralise all fee data on Trading fees and Clearing fees for their trading clients.

The OPEJ3 is daily sent to Euronext Clearing.

The OPEJ3 file is constituted by three record types:

- The file header record (one per day);
- The body record;
- The file footer record (one per day).

All records have a fixed length;

The OPEJ3 file body records can contain two levels of details:-

- the Posting details when the Block name field is equal to "AFFE";
- ~~For future use:~~ the Correction details when the Block name field is equal to "CORR".

As noticed previously, the OPEJ3 file contains no clearing fees, then the amount in the clearing fee column is set to zero and the sign of clearing fee is set to P;

The trading fee amounts will be reported per billing currency in the OPEJ files which will be determined further to the following criteria:

- in Norwegian Krone (NOK) for trading members only trading on the Oslo Børs derivatives market and having made explicitly this billing currency choice in NOK to Euronext,
- in Euro (EUR) in all other cases, trading members actively trading on products of:
 - Euronext Amsterdam, Brussels, Lisbon, Milan, Paris derivatives markets, and
 - Oslo Børs derivatives markets.

Note:- The exchange rate conversion NOK to EUR for international members trading on Oslo Børs products is daily performed.

The value-added tax (VAT) is not reported in the OPEJ leading to:

- VAT rate must be equal to zero in body records AFFE and CORR;
- Amount of VAT must be equal to zero in body records AFFE and CORR;
- Sign of the VAT Amount must be equal to 'P' in body records AFFE and CORR;
- Valuated Premium will be set to zero with Sign of Valuated Premium set to P for all body records AFFE and CORR.

Purpose of the file and limitations for reconciliation with Clearing reports

The OPEJ3 file is specifically designed to report the final net financial outcome of trading activities and post-trade adjustments, covering both posting allocation details (AFFE) and correction records (CORR).

The OPEJ3 file fully relies on the clearing operations related to trade legs managed in the clearing system of Euronext Clearing which identifies in which position account trade legs are effectively recorded in terms of ownership at the end of a clearing business day once the clearing session is closed.

Due to the applied billing logic, which requires quantities to be aggregated before applying the trading fee model, OPEJ3 provides aggregated fee amounts, calculated based on the aggregated quantity resulting from different clearing operations performed on the same trade leg (identified by TUI) booked in the same position account at the end of the day¹. As such, the details of intra-day individual operational workflows, and intermediate clearing operations² (such as Internal Posting Correction [IPC], External Posting Corrections [EPC], Posting Correction Acceptance [PCA], Give-ups, or Delayed Acceptances) are not retained in the final output of the OPEJ3.

Consequently, the reconciliation between the OPEJ3 file and the clearing-side reports (such as FB02 or DP31) is possible only considering the clearing positions at the end of a clearing business day; any reconciliation of intra-day position moves is not feasible and should not be attempted. Any benchmarking or validation activity must be performed strictly at the level of aggregated quantities, net Debit/Credit financial impacts, and overall fee calculations rather than at the individual transaction level.

¹ Cf 'Derivatives Fee Book' for the specific rules

² Cf. Euronext Clearing specifications for more details about clearing operation types

OPXXXJ3_<member>.txt file Header Record

N°	Field	Type	Length	Description
1	Block Name	Char	4	'DEB'
5	Business Date	Char	6	YYMMDD
11	Number of Records	Char	10	Example: 0000004277 (left-padded with zeroes)
21	Comment	Char	224	
245	Filler	Char	13	
Record length			257	

OPXXXJ3_<member>.txt file Body Record – AFFE “Posting”

✓ Always required / + Conditionally required / 0 Optional / I Ignored

N°	Field	Req	Type	Length	Value / Description
1	Block Name	✓	Char	4	‘AFFE’
5	Sponsor Member Code	✓	Char	10	Member code of the clearing member
15	Origin	✓	Char	1	C=Client; H=House; L= Liquidity Provider/Market Maker
16	External identifier of the position account	✓	Char	12	Position account identifier configured in the CCP clearing system and in which the trade leg is booked
28	Product Family Code	0	Char	3	Euronext contract mnemonic code. If the contract code is larger than 3 characters, then three blank characters are reported. The field will be deprecated by BITA clearing migration (after 30 June 2025) and is replaced by Contract Code field since March 2025.
31	Settlement / expiration date	✓	Char	6	CCYYMM
37	Strike price	✓	Num	10	9999999.99 (Left-padded with blanks)
47	Option type	✓	Char	1	C=Call, P=Put
48	Contract value factor	✓	Num	7	9999.99 (Left-padded with blanks)
55	Long Instrument Id of the contract	✓	Char	12	Euronext tradable instrument ISIN code
67	Open / close indicator	✓	Char	1	O=Open, C=Close
68	Quantity	✓	Num	7	9999999 (Left-padded with blanks)
75	Buy / Sell Code	✓	Char	1	A=Buy, V=Sell
76	Business date	✓	Char	8	CCYYMMDD
84	Trading price	✓	Num	10	9999999.99 (Left-padded with blanks)
94	Valuated premium	✓	Num	15	99999999999.99 (Left-padded with blanks)
109	Sign of valuated premium	✓	Char	1	P / N
110	Trading fees amount	✓	Num	15	99999999999.99 (Left-padded with blanks)
125	Sign of trading fees amount	✓	Char	1	P/ N
126	Clearing fees amount	✓	Num	15	00000000000.00 (Left-padded with zeroes)
141	Sign of Clearing fees amount	✓	Char	1	P
142	Amount of VAT	✓	Num	15	00000000000.00 (Left-padded with zeroes)
157	Sign of VAT	✓	Char	1	P
158	VAT rate	✓	Num	6	000.00 (Left-padded with blanks)
164	External trade identifier	✓	Char	16	Trade identifier assigned by Euronext Derivatives trading system
180	Filler	✓	Char	2	Not used
182	Sponsored member code	✓	Char	10	Member code of the Trading Member
192	Financial market of the contract	✓	Char	3	Refer to the list of Financial market codes available in the table added at the end of this section. <i>Possible values provided in the table</i>

N°	Field	Req	Type	Length	Value / Description
					<i>below this one.</i>
195	Billing Currency	✓	Char	3	'EUR' for Euro 'NOK' for Norwegian Krone
198	Contract Code	✓	Char	4	Euronext contract mnemonic code
202	Filler	✓	Char	56	
Record length		257			

Financial Market possible values and descriptions

Financial Market Code	MIC	Market Name – Institution Description
281	XEUE	Euronext Amsterdam - Equities and Indices derivatives
280	XBRD	Euronext Brussels - --Equities and Indices derivatives
276	XMAT	Euronext Paris Matif - Commodities derivatives
274	XMON	Euronext Paris - Equities and Indices derivatives
291	MFOX	Euronext Lisbon - -Equities and Indices derivatives
308	XOBD	Euronext Oslo - -Equities and Indices derivatives
311	XDMI	Euronext Milan - Equities and Indices derivatives
313	XECO	Euronext Amsterdam - Other Commodity Derivatives
315	XEUC	Euronext Amsterdam - Power Derivatives

For future Use

OPXXXJ3_<member>.txt file Body Record – CORR “Correction”

✓ Always required / + Conditionally required / 0 Optional / I Ignored

N°	Field	Req	Type	Length	Value / Description
1	Block Name	✓	Char	4	'CORR'
5	Sponsor Member Code	✓	Char	10	Member code of the clearing member
15	Sender / Receiver indicator	✓	Char	1	R=Receiver, S=Sender
16	Origin	✓	Char	1	C=Client; H=House; L= Liquidity Provider/Market Maker
17	External identifier of the position account	✓	Char	12	Position account identifier configured in the CCP clearing system and in which the trade leg is booked
29	Product Family Code	0	Char	3	Euronext contract mnemonic code If the contract code is larger than 3 characters, then three blank characters are reported. The field will be deprecated by BITA clearing migration (after 30 June 2025) and is replaced by Contract Code field since March 2025.
32	Settlement / expiration date	✓	Char	6	CCYYMM
38	Strike price	✓	Num	10	9999999.99 (Left-padded with blanks)
48	Option type	✓	Char	1	C=Call, P=Put
49	Contract value factor	✓	Num	7	9999.99 (Left-padded with blanks)
56	Long Instrument Id of the contract	✓	Char	12	Euronext tradable instrument ISIN code
68	Open / close indicator	✓	Char	1	O=Open, C=Close
69	Quantity	✓	Num	7	9999999 (Left-padded with blanks)
76	Buy / Sell Code	✓	Char	1	A=Buy, V=Sell
77	Business date	✓	Char	8	CCYYMMDD
85	Trading price	✓	Num	10	9999999.99 (Left-padded with blanks)
95	Valuated premium	✓	Num	15	999999999999.99 (Left-padded with blanks)
110	Sign of valuated premium	✓	Char	1	P / N
111	Trading fees amount	✓	Num	15	999999999999.99 (Left-padded with blanks)
126	Sign of trading fees amount	✓	Char	1	P/ N
127	Clearing fees amount	✓	Num	15	000000000000.00 (Left-padded with zeroes)
142	Sign of Clearing fees amount	✓	Char	1	P
143	Amount of VAT	✓	Num	15	000000000000.00 (Left-padded with zeroes)
158	Sign of VAT	✓	Char	1	P
159	VAT rate	✓	Num	6	000.00 (Left-padded with blanks)
165	Correction Code	✓	Char	1	Type of Internal correction: O: Open/Close P: Position Account Correction A: Position Account and Open/Close Indicator

N°	Field	Req	Type	Length	Value / Description
					correction Y: New Correction the same day Type of External correction: E: External correction C: Complete Correction (correction of an external correction) Net financial outcome of the correction: D: Debit, C: Credit
166	Sponsored Member Code	✓	Char	10	Member code of the Trading Member
176	Financial Market of the contract	✓	Char	3	Refer to the list of Financial market codes available in the table added at the end of this section. Possible values provided in the table below this one.
179	Internal / External correction indicator Filler	✓	Char	1	E=External, I=Internal
180	Key for the fees distribution Filler	✓	Char	1	1 = 0% – 100% 2 = 50% – 50% 3 = 100% – 0%
181	Correction Fees amount	✓	Num	15	999999999999.99 (Left-padded with blanks)
196	Sending member code	✓	Char	10	Member code of the Trading Member having initiated the posting correction of the trade leg
206	Receiving member code	✓	Char	10	Member code of the Trading Member having received the posting correction of the trade leg
216	External trade identifier	✓	Char	16	Trade identifier assigned by Euronext Derivatives trading system
232	Business date of the correction	✓	Char	8	CCYYMMDD
240	Billing Currency	✓	Char	3	'EUR' for Euro 'NOK' for Norwegian Krone
243	Contract Code	✓	Char	4	Euronext contract mnemonic code
247	<i>Filler</i>	✓	Char	11	
Record length		257			

Financial Market possible values and descriptions

Financial Market Code	MIC	Market Name – Institution Description
281	XEUE	Euronext Amsterdam - Equities and Indices derivatives
280	XBRD	Euronext Brussels - Equities and Indices derivatives
276	XMAT	Euronext Paris Matif - Commodities derivatives
274	XMON	Euronext Paris - Equities and Indices derivatives
291	MFOX	Euronext Lisbon - Equities and Indices derivatives
308	XOBD	Euronext Oslo - Equities and Indices derivatives
311	XDMI	Euronext Milan - Equities and Indices derivatives
313	XECO	Euronext Amsterdam - Other Commodity Derivatives
315	XEUC	Euronext Amsterdam - Power Derivatives

OPXXXJ3_<member>.txt file Footer Record

N°	Field	Type	Length	Description
1	Block Name	Char	4	'FIN'
5	Business Date	Char	6	YYMMDD
11	Comment	Char	230	
241	Filler	Char	17	
Record length			257	