

› eex group

C7 Migration – Regulatory Reporting Impact

Reporting Services
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Leipzig

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› eex

› pxe

› ecc

› nodal

› epexspot

› nodalclear

› powernext

› eexasia

› pegas

1. Introduction

This document contains the main changes for EEX Regulatory Reporting with the introduction of C7 for ECC Derivatives Position & Transaction Management on 12.08.2019.

EEX Reporting Services is in charge of several reporting obligations of EEX Group and operates the EMIR Reporting, MiFID II / MIFIR Reporting and REMIT Reporting. This document informs about the main changes for each Reporting regulation which are of interest for all EEX Group reporting customers.

Please note that the EMIR Art. 9 section is of high relevance. We recommend every reporting customer to check their individual impact.

2. EMIR Art. 9 Reporting

As EMIR Art. 9 Reporting is based on clearing data, the C7 migration will have an impact on EMIR Reporting. Specifically the identifier such as Trade-IDs for Positions and Transactions as well as the Report Tracking Number are subject to change. This is relevant for counterparties of ECC and also NCMs that use the same ID generation logic as ECC. In order to ensure matching of both reporting sides members should either apply this generation logic or use the UTIs provided by ECC via the EMIR Data Services. For members that have subscribed to the EMIR Data Services the changes will be implemented automatically.

2.1 Position UTI

Positions are reported as separate transactions with a separate Unique Trade Identifier (UTI). Each pair of reports and every single report needs to have the same UTI, that should remain over all lifecycle events. Main component of the UTI for the CCP-CM direction is included in the CB012 and the CB013 reports (field 'UTI').

- Total length: 27 characters
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	CLTD HUDX NEXO XEEO XEER XPOT XPSF	cb013	ProductMIC
MIC ECC	4	"XECC"	n/a	
UTI type indicator	1	"P"=Position	n/a	
Clearing Leg Indicator	1	"C" = CCP-CM Position "T" = CM-NCM Position	n/a	
Position ID	11	00000000003	cb012	PositionID If applicable filled up with leading "0"
Version Number	3	"000"	n/a	n/a

E01	XEER	XECC	P	C	00000000003	000
Method Id	MIC Trading venue	MIC ECC	UTI type indicator	Clearing Leg indicator	PositionId	Version Number

2.2 Transaction UTI

Trades are reported in their end-of-day status while subsequent lifecycle events are reported for the net position only. Each pair of reports and every single report needs to have the same Unique Trade Identifier (UTI). For ETD transactions, the complete UTI for the CCP-CM direction is included in the CB012 and the CB013 reports (field 'UTI')

- Total length: 42
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	CLTD HUDX NEXO XEEO XEER XPOT XPSF	cb013	ProductMIC
MIC ECC	4	"XECC"	n/a	
UTI type indicator	1	"E" = ETD Trade "W" = Wholesale Trade	cb012	If trdTyp = " " then "E" If trdTyp in "A", "B", "E" "F", "N", "O", "P", "V", "W") then "W"
Clearing Leg Indicator	1	"C" = CCP-CM Trade "T" = CM-NCM Trade	n/a	
Transaction ID	19	alphanumeric	cb012	TransactionId Alphanumeric, filled up with leading "0" if less than 19 characters

UTI Component	Length	Format	Report	Field Mapping
Transaction ID Suffix	10	numeric	n/a	TransactionIdSuffix

Sample Transaction-UTI:

E01	XEER	XECC	E	C	000000123456789ABCD	0000000001
Method Id	MIC Trading venue	MIC ECC	UTI type Indicator	Clearing Leg Indicator	TransactionId	TransactionIdSuffix

2.3 Report Tracking Number

The Report Tracking Number needs to be the same among groups of reports which relate to the same execution. The Report Tracking Number is only reported for Trades and is not used for Positions.

Component	Length	Format	Report	Field Mapping
Trade Date	8	YYYYMMDD	cb012	origTrdDat
Product Id	4	F1BM	cb012	prodId If length(prodId)<4 then fill with trailing "0"
Original Transaction Id	19	0000000000000123ABC	cb012	origTradeId, if not available: TransactionId; filled up with leading "0" if less than 19 characters

Sample Report Tracking Number:

20190129	F1BM	0000000000000123ABC
Trade Date	Product Id	Original Transaction Id

3. MiFID II Art. 58/ MiFIR Art. 26 Reporting

In order to align the ID generation among EMIR and MiFID II/ MiFIR reporting there are also adaptations of MiFIDII / MiFR IDs.

3.1 Transaction Reference Number/ Customer ID

Provided in the draft report to allow cross-referencing of the report records to other clearing data sources available to the member. For the purpose of simplicity, the customer transaction identifier will be populated with the same value as the transaction reference number.

- Total length: 42
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	XEER XEEO XPOT XPSF	cb013	ProductMIC
Reporting Side	4	"0000"	n/a	"0000"= for Member record reference number, used as version number
UTI type indicator	1	"E" = ETD Trade "W" = Wholesale Trade	cb012	If trdTyp = " " then "E" If trdTyp in "A", "B", "E", "F", "N", "O", "P", "V", "W") then "W"
Reporting Stream Indicator	1	"M"	n/a	
Transaction ID	19	alphanumeric	cb012	TransactionId Alphanumeric, filled up with leading "0" if less than 19 characters
Transaction ID Suffix	10	numeric	n/a	TransactionIdSuffix

Sample Transaction Reference Number/ Customer ID

E01	XEER	0000	W	M	0000000000008623248	0000123897
Method ID	MIC Trading venue	Reporting Side	UTI type indicator	Reporting Stream Indicator	Transaction ID	TransactionID Suffix

In case the trade has not occurred on T7, the following pattern will be applied, representing a shortened and neutralized transaction reference number:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	XEER	cb013	<i>ProductMIC</i>
Reporting Side	4	"0000"	n/a	"0000"= for Member record reference number, used as version number
UTI type indicator	1	"E" = ETD Trade "W" = Wholesale Trade	cb012	If <i>trdTyp</i> = " " then "E" If <i>trdTyp</i> in "A", "B", "E", "F", "N", "O", "P", "V", "W") then "W"
Reporting Stream Indicator	1	"M"	n/a	
Trade Date	8	20190129		YYYYMMDD
Buy Sell Code	1	"B" = Buy "S" = Sell		
Trade ID	16	alphanumeric		trade ID from the trading system <i>filled up with leading "0" if less than 16 characters</i>
Product ID	4	F1BM	cb012	<i>prodId</i> If <i>length(prodId)</i> <4 then fill with trailing "0"

Sample Transaction Reference Number/ Customer ID

E01	XEER	0000	W	M	20190129	B	000000000000000004	F1BM
Method ID	MIC Trading venue	Reporting Side	UTI type indicator	Reporting Stream Indicator	Trade Date	Buy Sell Code	Trade ID	Product ID

3.2 Trading Venue Transaction Identification Code (TVTIC)

The TVTIC will also be included in the Draft Report. TVTIC is a number generated by trading venues and disseminated to both the buying and the selling parties in accordance with Article 12 of RTS 24 and is provided in T7 GUI. The rule follows EUREX standard for such transaction IDs.

- Total length: 52
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Environment Indicator	1	1	n/a	"1" for EEX Group
Security ID	20	numeric	n/a	T7 Security ID
Transaction Timestamp in Nanoseconds	20	01509640293342679348	n/a	Transaction Timestamp - The transaction timestamp refers to the time in the Unix epoch measured in nanoseconds. The transaction timestamp is a 20-character string, padded with leading zeros. The transaction timestamp can be determined from the corresponding ETI or FIX messages. It is expressed in nanoseconds since 1-1-1970 00:00Z.
On-/Off-book Indicator	1	0	n/a	0 for on-book, 1 for off-book transactions. Currently only on-book transactions come out of the T7 context therefore only 0 is applicable.
MatchStepId	10	0000000789	n/a	Match Step ID of the trade

Sample Trading Venue Transaction Identification Code

1	00000000000002105056	01509640293342679348	0	0000000789
Environment Indicator	Security ID	Transaction Timestamp in Nanoseconds	On-/Off-book Indicator	MatchStepId

In case the trade has not occurred on T7, the following pattern will be applied, representing a shortened and neutralized transaction reference number:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	XEER	cb013	ProductMIC
Reporting Side	4	"0000"	n/a	"0000"= for Member record reference number, used as version number
UTI type indicator	1	"E" = ETD Trade "W" = Wholesale Trade	cb012	If trdTyp = " " then "E" If trdTyp in "A", "B", "E", "F", "N", "O", "P", "V", "W") then "W"
Reporting Stream Indicator	1	"M"	n/a	
Trade Date	8	20190129		YYYYMMDD
Trade ID	17	000000000000000004		trade ID from the trading system filled up with leading "0" if less than 16 characters
Product ID	4	F1BM	cb012	prodId If length(prodId)<4 then fill with trailing "0"

Sample Trading Venue Transaction Identification Code

E01	XEER	0000	W	M	20190129		000000000000000004	F1BM
Method ID	MIC Trading venue	Reporting Side	UTI type indicator	Reporting Stream Indicator	Trade Date		Trade ID	Product ID

3.3 Position Report Reference Number

Members are required to use the Position Reference Number format defined by EEX in order to avoid duplicates as of 01.04.2020.

During the transition period, EEX allows members to continue to use their own pattern.

- Total length: 34
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	XEER	cb013	<i>ProductMIC</i>
Reporting Side	4	"0000"	n/a	"0000" = for Member record reference number, used as version number
UTI type indicator	1	"P" = Position	n/a	
Reporting Stream Indicator	1	"M"	n/a	
Trade Date	8	20190129	n/a	YYYYMMDD
Position ID	11	00000000003	cb012	<i>PositionID</i> <i>If applicable filled up with leading "0"</i>
Spot / Other	1	"S" = SPOT "O" = OTHR	n/a	n/a
Risk Reducing	1	"Y" = Yes "N" = "No"	n/a	n/a

Sample Report Reference Number

E01	XEER	0000	P	M	20190129	00000000003	S	Y
Method ID	MIC Trading venue	Reporting Side	UTI type indicator	Reporting Stream Indicator	Trade Date	Position ID	Spot/ Other	Risk Reducing

4. REMIT Art. 8 Reporting

REMIT Phase II reporting also includes the reporting of Give ups and Take ups of derivative contracts cleared by ECC. For these reportable transactions the UTI generation will be accordingly adapted. For transactions concluded on an OMP the UTI for trades and the UOI for the reporting of orders will remain unchanged.

- Total length: 42
- The following rules apply as of 12 August 2019:

UTI Component	Length	Format	Report	Field Mapping
Method Id	3	"E01"	n/a	
MIC Trading venue	4	XEER XEEO XPOT XPSF	cb013	<i>ProductMIC</i>
Reporting Side	4	"0000"	n/a	"0000"= for Member record reference number
UTI type indicator	1	"E" = ETD Trade "W" = Wholesale Trade	cb012	If <i>trdTyp</i> = " " then "E" If <i>trdTyp</i> in "A", "B", "E", "F", "N", "O", "P", "V", "W") then "W"
Reporting Stream Indicator	1	"R"	n/a	
Transaction ID	19	alphanumeric	cb012	<i>TransactionId</i> <i>Alphanumeric, filled up with Leading "0" if less than 19 characters</i>
Transaction ID Suffix	10	numeric	n/a	<i>TransactionIdSuffix</i>

Details on REMT Reporting are published under the following path:

www.eex.com > Regulatory Reporting Services > REMIT Transaction Reporting