IT Open Day 2022

June Release Impacts for Participants
(NextGen Technical Activation)

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Details on Member and Vendor impacts for the introduction of the June releases due to technical activation of NextGen *without* the setup of sub-monthly contracts (T7 Release 10.1, C7 Release 8.1, Prisma Release 11.1)

T7 Release 10.1

In T7 the software is ready for the setup of sub-monthly contracts since T7 Release 10.0. Without the setup of sub-monthly contracts, the member facing interfaces are not changing with R10.1.

T7 main changes relevant for the setup and trading of the sub-monthly contracts were rolled out in Production with T7 Release 10.0 in November 2021. As the NextGen functionality will be activated cross-system in the Trading, Clearing and Risk systems without the setup of the sub-monthly contracts, the handling of those fields in the T7 trading and market data interfaces will not change.

New Instrument Subtypes for Futures Calendar Spreads (Enhancement for T7 R10.1)

With T7 Release 10.1, it will be possible to distinguish between Futures Calendar Spreads with a near term leg containing a daily expiring futures contract ("basis spread") and those Futures Calendar Spreads with a near term leg containing a monthly expiring futures contracts ("calendar spread").

The Futures Calendar Spreads will be equipped with a new instrument subtype to differentiate between basis spreads and calendar spreads in a conceptually similar way to how this is already done in the options area.

The subtype of Futures Calendar Spread instruments will be available via the electronic interfaces (ETI, FIX LF, RDI), the GUI, and the XML reports in the same way as for other complex instrument types such as Standard Option Strategies.

The new calendar spread instrument subtype will also be used to introduce a fee differentiation for leg trades in basis spreads.

C7 Release 8.1 (1/2)

With the Release 8.1 the C7 software is ready for the setup of sub-monthly contracts.

All member facing interfaces (Eurex Clearing FIXML Interface, Eurex Clearing Reports, C7 Clearing GUI) will provide additional contract data attributes.

In order to ease the introduction for participants the changes for C7 Release 8.1 (without the introduction of sub-monthly contracts) were designed to have as little impact as possible. None of the current contract data attributes will be removed. As long as no sub-monthly contracts are setup the current contract identification via month/year logic (maturity) can be used in **all** interfaces.

After compilation with the already provided FIXML schema files (available on eurex.com), the **Eurex Clearing FIXML interface** can be tested in Simulation environment.

All **FIXML requests** can be used with the current logic (backwards compatible). This is also explained in detail in Eurex Clearing C7 8.1 – Release Notes chapter 2.2.1 FIXML.

The **FIXML broadcasts** will already display the additional fields, but the assumption is, that participants can consume the messages without changes. No currently used fields will be removed.

C7 Release 8.1 (2/2)

The **Eurex Clearing Reports** will include the new fields for NextGen, in particular the *.csv files will therefore have a layout change. A list of affected reports can be found also in the Eurex Clearing C7 8.1 – Release Notes chapter 2.2.3 Report Changes. The change for the contract data is the same in every report.

The **C7 Clearing GUI** will include the additional fields. None of the currently used fields will be removed. An overview of affected windows can be found in the C7 Clearing GUI - User Manual (C7 Release 8.1). Display of the columns can be customized and adjusted as required. A small change is required for usage of file upload templates in *.csv format in order to adjust to the new layout. All feature are available in Simulation environment and can be tested.

Backward compatibility is offered in order to minimize efforts on participants side, please test in already available Simulation environment.
Technical Impact is identical for both Clearinghouses, ECC and ECAG.

PRISMA Release 11.1 (1/2)

Changes in Transparency Enabler (TE) Files:

The representation of sub-monthly contracts requires layout changes in the following 3 TE Files:

- “Theoretical_Prices_and_Instrument_Configuration” (FILTHEOI)
- “Settlement_Prices” (FILSTLPR)
- “Settlement Prices for Cash Flow” (FILSTLCF)

Four new attributes are added to the files while existing attributes will neither be removed nor changed

Section Expiration E : Contract Date

Section Series S : Unique Contract ID, Contract Mnemonic and Contract Frequency

An adjustment to the new file layout on participants side is considered mandatory for production launch, even though sub-monthly contracts will be setup only at a later point in time. The required changes are identical for all 3 files.

Please note that changes in Transparency Enabler Files are mandatory for automatic processing. Simulation is available for testing.

PRISMA Release 11.1 (2/2)

Changes in Member Reports

The representation of sub-monthly contracts requires layout changes in the following member reports: CP005, CP010, CP020, CP044 and CP007

- New fields in *.xml formats: Unique Contract ID (uniqueCntrId), Contract Date (cntrDat) and Contract Mnemonic (cntrMnemonic)
- New fields in *.txt format: Contract ID (uniqueCntrId), Contract Date (cntrDat), Contract Expiry Details (Cntr ExpDt), Contract Mnemonic replaces existing description of contracts (Contracts / FlxContracs)

An adjustment to the new layout for automatic consumption of *.txt reports on participants side is *considered mandatory* for production launch, even though sub-monthly contracts will be setup only at a later point in time.

Changes in Margin Calculator (MC) and Cloud Prisma Margin Estimator (CPME):

The representation of sub-monthly contracts requires layout changes in the portfolio upload templates.

Margin Calculator:

The template for portfolio uploads via MC GUI and API newly considers “contract type” and “contract date”. An adjustment to the new layouts is *considered necessary* even with sub-monthly contracts being launched only at a later point in time.

Cloud Prisma Margin Estimator:

CPME will support both the new as well as the old template for portfolio uploads. Latest when uploading sub-monthly contracts the new format specifying the YYYY-MM-DD logic will have to be supported. CPME is available only from the Production environment.

Supporting Documentation

C7

- Eurex Clearing C7 8.1 – Release Notes chapter 2.2.1 FIXML Changes
- C7 - Eurex Clearing FIXML Interface Specification - Volume 4: Transaction & Position Maintenance (C7 Release 8.1).
- Eurex Clearing FIXML Interface Specification - Volume 3: Transaction & Position Confirmation (C7 Release 8.1)
- Eurex Clearing FIXML Interface Specification - Volume 5: Public Broadcasts (C7 Release 8.1)
- Eurex Clearing XML Reports – Modification Notes (C7 Release 8.1)
- C7 Clearing GUI - User Manual (C7 Release 8.1)

PRISMA

- Eurex Clearing Prisma_Release Notes Release 11.0
- Eurex Clearing Prisma_Release Notes Release 11.1
- Eurex Clearing Prisma_Report Reference Manual Release 11.1

T7

- T7 Release 10.0 - Final Release Notes
- T7 Release 10.1 - Preliminary Release Notes

Please visit the NextGen Initiative Website:

https://www.eurex.com/ec-en/support/initiatives/project-readiness

Thank you!

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