

Next Generation ETD Contracts

Industry Call

22 September 2021

Next Generation ETD Contracts – Agenda

- 1 Project Summary
- 2 Release Communication and Publication
- 3 System Specific Changes across the Eurex Landscape
- 4 Changes in Eurex Clearing Layer
- 5 Q & A

1 Project Summary – Next Generation ETD Contracts

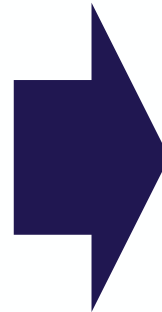
Motivation for NextGen ETD Contracts Initiative

Establish a future proof concept to remain best-in-class given ever evolving market conditions



Key Motivation

- **Enable a more flexible setup of ETD products** by allowing more than one expiration per month on product level



Three new business initiatives

- **Integration of Weekly contracts** into the standard contract
- **Volatility strategies** in Equity Options
- **Basis Trading (T+X)** for MSCI futures

Integration of weekly and month-end contracts

Initiative 1

Expansion of offered expiries per month per instrument



Current Trading Process

- Sub-monthly expirations require **separate products for the same underlying** (e.g. OES1/OES2/OES4 and OMSX for underlying index SX5E)
- Position rolling in one transaction between sub-monthly expirations not supported (inter-product spreads in options non-existent)

Next Gen ETD



Upcoming Changes

- **Sub-monthly contracts of the same underlying** will be moved to **one/main product** (e.g. OESX for underlying index SX5E)
- Sub-monthly expiring contracts can be included as **leg instruments to options strategies**
- **Relevant for:** Weekly expiring equity index options, equity options, & options on FI futures



Improvements



- **Position rolling of sub-monthly contracts** in one transaction can be performed by using supported options strategies (e.g. BLT, BRT)
- Sub-monthly/monthly expiring contracts can be combined with **T7 risk protection tools** (e.g. MM protection, pre-trade risk limits)

Volatility strategies in Single Stock Options

Full STP of delta neutral strategies

Initiative 2



Current Trading Process

- Creation of **delta-neutral trades possible via OVS** in option products with corresponding future contract as underlying leg
- OVS are provided with **monthly expiring physically settled single stock futures (SSF)** as underlying leg

Next Gen ETD



Upcoming Changes



Improvements



- Physically settled SSF are enhanced with **daily expiring contracts having a lifetime of 1 business day**
 - **Daily expiring SSF contract** can be used as **underlying leg** in options volatility strategies of corresponding single stock options
 - **Relevant for:** Equity options and physically settled single stock futures
- Daily expiry of SSF **triggers delivery instruction of stocks on the same trading day and same way** as for monthly expiring SSF
 - Daily expiring SSF in OVS **prevents risks** in terms of dividends or corporate actions

Basis Trading (T+X) for MSCI Futures

Fully automated basis-trade functionality

Initiative 3



Current Trading Process

- Separate MoC future products enable trading of basis involving trading & clearing price notation (with cumbersome re-booking in clearing layer)
- Basis trade settlement **only supported for current business day** (T+0, i.e. X=0)

Next Gen ETD



Upcoming Changes

- **Index futures are enhanced with daily expiring contracts** with remaining lifetime “X” (up to 2 business days, i.e. X=0,1,2)
- Daily expiring index future used as near-term leg of future calendar spread & quarterly expiring contract used as long-term leg
- **Relevant for:** MSCI Futures



Improvements



- As newly defined future calendar spread is representing the basis, basis trading is equivalent to **future calendar spread trading in index futures supporting daily expirations**
- **Settlement of basis at T+X (X=0,1,2)** can be achieved by choosing corresponding future calendar spread **with daily expiring leg instrument expiring at T+X (X=0,1,2)**

Basis Trading (T+X) for MSCI Futures

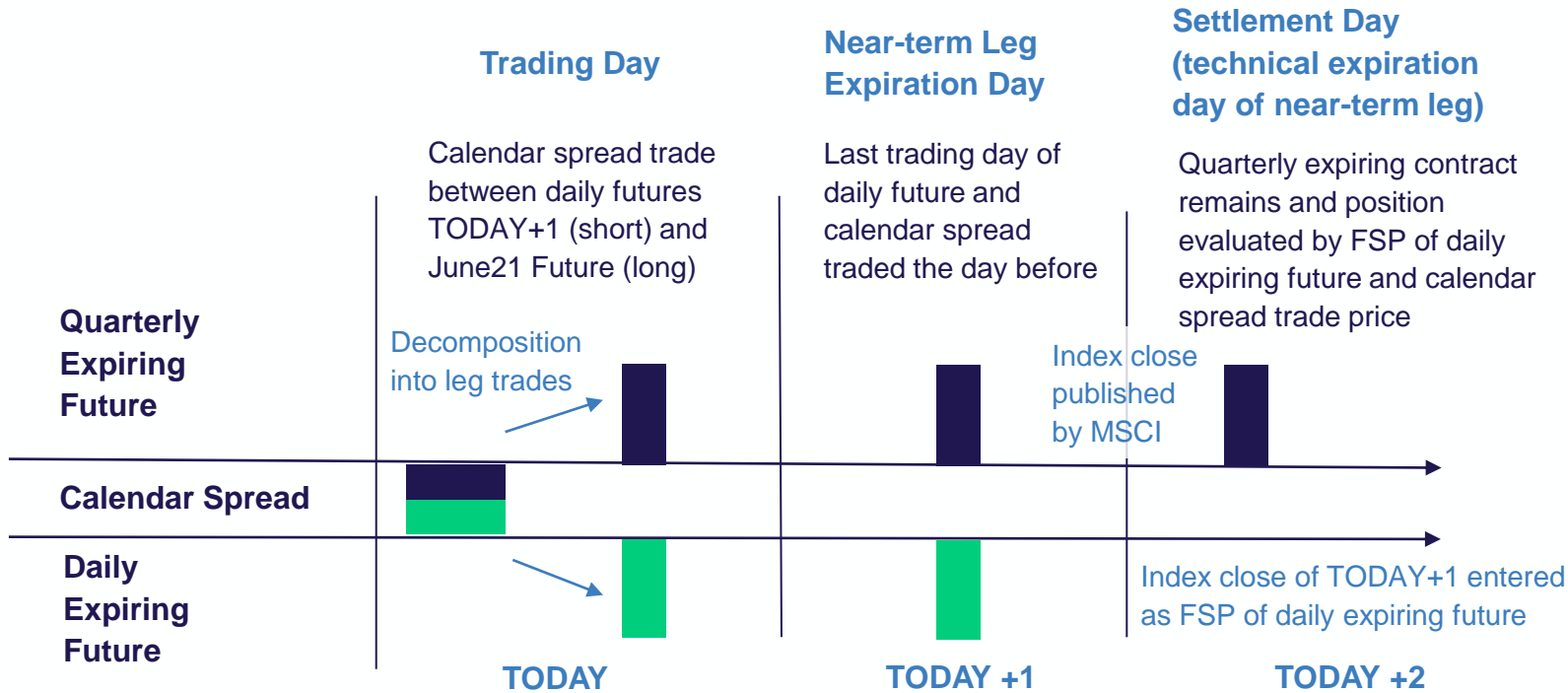
Fully automated basis-trade functionality

Initiative 3



Offered Solution

- In order to replicate basis trading, a **calendar spread between the daily future and the quarterly future is traded**

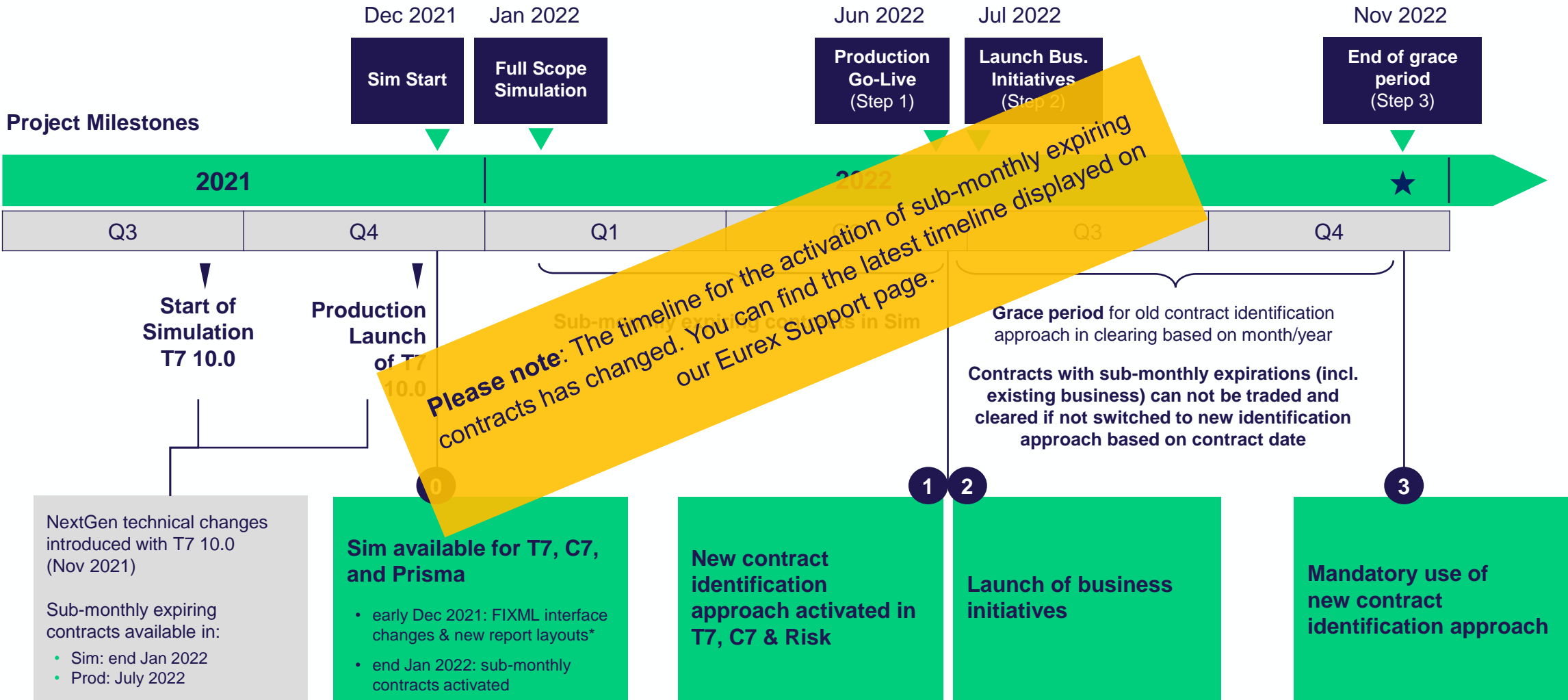


Example

- An end client wants to build a long position in the June 21 MSCI World Index Future (FMWO)
- As Australia & Japan are already closed for the day, basis trade is based on TODAY+1 index close (and settled at TODAY+2)
- Calendar spread with near-term leg expiring at TODAY+1 is traded TODAY at BasisPrice
- Since near-term leg expiring at TODAY+1 is finally settled at FSP, long term June 21 leg remains after TODAY+1 with a settlement price given by underlying index close and BasisPrice

2 Release Communication and Publication

Amended Migration Timeline and Rollout Approach



Dedicated Eurex Support Pages for Next Generation project

Eurex

<https://www.eurex.com/ex-en/support/initiatives/project-readiness/>

Project Readiness

Overview of content

- FX Gateway Migration
- T7 Disaster Recovery Test
- Next Generation ETD Contracts
- ORIS Trader Identification Obligation

Next Generation ETD Contracts

Eurex is aiming to introduce a more flexible set-up of Exchange Traded Derivatives (ETD) products by implementing an enhanced contract identification concept in June 2022 allowing more than one expiration per month on product level (sub-monthly contracts).

New features, changes and improvements:

- Integration of Weekly Expiring Instruments on Product Level
- Volatility Strategies in Single Stock Options
- Market-on-Close Futures T-X (Basis Trading in Equity Index Futures)

Simulation start: 6 Dec 2021 (limited testing), Jan 2022 (full scope testing)
Production start: end Jun 2022 (grace period until end of Nov 2022)

Timeline on Migration and Rollout Approach

Roll-out approach enables extended lead time for client and vendor readiness

Circulars Supporting Documents FAQ Readiness Videos

Circulars

- Eurex Circular 057/21 Next Generation ETD Contracts - Updated Implementation approach
- Eurex Circular 027/21: Next Generation ETD Contracts - New contract identification concept and introduction of business initiatives

Newsflashes

- Eurex Exchange Readiness Newsflash | Next Generation ETD Contracts

Eurex Clearing

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

Project Readiness

Overview of content

- T2-T2S Consolidation
- Central Securities Depositories Regulation
- Next Generation ETD Contracts

Next Generation ETD Contracts

Eurex is implementing an enhanced Exchange Traded Derivatives (ETD) contract concept to allow more than one expiration per month on product level (sub-monthly contracts). These changes create the basis for the introduction of several new product initiatives.

Key features, changes and improvements:

- Integration of Weekly Expiring Instruments on Product Level
- Position railing between weekly & non-weekly instruments
- Higher visibility of weekly expiring instruments
- Implementation of daily expiring futures and calendar spreads
- Enhancements of clearing & settlement procedures

Simulation start: 6 Dec 2021 (limited testing), Jan 2022 (full scope testing)
Production start: end Jun 2022 (grace period until end of Nov 2022)

Timeline on Migration and Rollout Approach

Roll-out approach enables extended lead time for client and vendor readiness

Circulars Supporting Documents FAQ Readiness Videos

Circulars

- Eurex Clearing Circular 078/21 Introduction of C7 Release 8.1: Next Generation ETD Contracts (NextGen)
- Eurex Clearing Circular 054/21 Next Generation ETD Contracts - Updated Implementation approach
- Eurex Clearing Circular 027/21 Next Generation ETD Contracts - New contract identification concept and introduction of business initiatives

Newsflashes

- Eurex Clearing Readiness Newsflash | Next Generation ETD Contracts

3 System specific changes to Trading, Clearing and Risk Landscape

High-level Impacts of NextGen Project on Trading

Direct impacts on T7 Trading Platform

T7 Trader GUI changes

- Extension of GUI notation for integrated weekly options contract
(Example: **OESX** Nov21-**1Fr** 3800 C instead of **OES1** Nov21 3800 C)
- Relative time notation for daily expiring futures
(Example: EADP **T0** is expiring today, last trading day of FMEU **T1** is tomorrow)

Additional contract reference data attributes provided via RDI / RDF

- New contract reference data to distinguish sub-monthly from monthly expiring contracts
- Recommendation for GUI display of monthly & sub-monthly expiring contracts

Minor ETI changes regarding *Create Flexible Instrument Request*

Potential additional impacts resulting from supplementary systems in the trading layer on the member side referring to limiting expiry *month-year* layout

Impacts on Trading resulting from Clearer readiness = trading members require the readiness of their clearer



Alignment of upcoming changes between Trading Participants and their clients as well as Clearing members crucial for smooth and timely transition

High-level Impacts of NextGen Project on Clearing

FIXML Interface: Inbound/Outbound Message Layout Changes

- Full flexibility, but mandatory use of YYYYMMDD information for sub-monthly contracts

Prisma Transparency Enabler files

- New contract notation reflected in TE enabler files

C7 and Prisma Reports

- New contract notation applied to all reports with contract information, covering sub-monthly & monthly expiring contracts

C7 Clearing GUI

- GUI notation based on new contract notation covering sub-monthly and monthly expiring contracts

Margin Calculator & CPME

- Layout changes for portfolio uploads, full flexibility, but mandatory use of YYYYMMDD information for sub-monthly contracts



Alignment of upcoming changes between Clearing Members and their clients as well as vendors is crucial for smooth and timely transition

Availability of Project-related Content

		T7		C7		PRISMA	
		What	When	What	When	What	When
Sim	T7 Trader GUI adaptations		13 Sep '21	C7 GUI adaptations	06 Dec '21	New TE Files Layout	06 Dec '21
	New Contract Reference Attributes (RDI, RDF)		13 Sep '21	FIXML interface changes	06 Dec '21	Availability of sub-monthly contracts in Settlement Price File only	06 Dec '21
	T7 ETI Enhancements		13 Sep '21	All impacted C7 Reports	06 Dec '21		
	Availability of sub-monthly expiring contracts		end Jan '22	Availability of sub-monthly expiring contracts	end Jan '22	All impacted PRISMA Reports	end Jan '22
	Member vs. Contract Level Validation		end Jan '22	Member vs. Contract Level Validation	end Jan '22	Availability of sub-monthly expiring contracts	end Jan '22
	New Instrument SubType (Basis Trading)		May '22	New Instrument SubType (Basis Trading)	May '22		
Prod	T7 Trader GUI adaptations		22 Nov '21	C7 GUI adaptations	27 Jun '22	New TE Files Layout	27 Jun '22
	New Contract Reference Attributes (RDI, RDF)		22 Nov '21	FIXML interface changes	27 Jun '22	All impacted PRISMA Reports	27 Jun '22
	T7 ETI Enhancements		22 Nov '21	All impacted C7 Reports	27 Jun '22		
	Availability of sub-monthly expiring contracts		beg Jul '22	Availability of sub-monthly expiring contracts	beg Jul '22	Availability of sub-monthly expiring contracts	beg Jul '22
	Member vs. Contract Level Validation		27 Jun '22	Member vs. Contract Level Validation	27 Jun '22		
	New Instrument SubType (Basis Trading)		27 Jun '22	New Instrument SubType (Basis Trading)	27 Jun '22		

Level Concept for Contracts and Members – Definitions

New level concept applies to trading and clearing

Contracts:

Contract Validation	Valid Values of Contract Identification Eligibility*	Format
Contract Level 1	Contract Month/Year	YYYY MM
Contract Level 2	Expiration Date or Contract Date	YYYY MM DD
Contract Level 3**	Contract Date	YYYY MM DD

Members:

Member Validation	Valid Values of Contract Identification Eligibility*	Format
Member Level 1	Member is using contract identification approach	YYYY MM
Member Level 2	Member is using expiration date or contract date for new contract identification approach	YYYY MM DD
Member Level 3**	Member is using contract date for new contract identification approach	YYYY MM DD

Please note: a Grace Period will no longer be offered, therefore the Level Concept and associated changes are no longer relevant. All members will instead be switched to Level 2 at the same time – see the timeline provided on the dedicated Eurex Next Gen support page.

➔ **Member Level of a trading member cannot be higher than Member Level of its clearer**

(*): New contract attribute in T7 RDI / RDF: Contract Identification Eligibility - tag 25215 (instrument snapshot message)

(**): Not relevant for Eurex members at this point in time

Transaction based Validation on Trading and Clearing Layer

Member level must be equal to or higher than the contract level of corresponding contract

Member / Contract Validation			Contract		
			Level 1 expiryMonthYear (default)	Level 2 requires expiryDate and contractDate	Level 3 requires contractDate only
Member	Level 1	expiryMonthYear (default)	Accept	Reject	Reject
	Level 2	provides expiryDate or contractDate	Accept	Accept	Reject
	Level 3	provides contractDate	Accept	Accept	Accept

Please note: a Grace Period will no longer be offered, therefore the Level Concept and associated changes are no longer relevant. All members will instead be switched to Level 2 at the same time – see the timeline provided on the dedicated Eurex Next Gen support page.

Validated transactions	Consequences
------------------------	--------------

- Order add, mod or delete transactions
- Quote add, mod or delete transactions in mass quote requests, quote activation / de-activation
- Give-up / take-up
- External position transfers
- External trade account transfers

- Trading member is not able to enter trading transactions referring to contracts not compliant with Member Level of its clearer
- Give-up & take-ups, entry of external position transfers and entry of external trade account transfers are rejected in case Contract Level exceeds Member Level

Implementation based on Contract / Member Validation Concept



Please note: a Grace Period will no longer be offered, therefore the Level Concept and associated changes are no longer relevant. All members will instead be switched to Level 2 at the same time – see the timeline provided on the dedicated Eurex Next Gen support page.

- Step 1** With production go-live end of June 2022, all contracts will be switched to Level 2 contracts.
- Step 2** In July 2022, activation of sub-monthly contracts; members still on Level 1 contracts will be switched to Level 2 contracts!
- Step 3** All remaining Level 1 contracts (including expiring contracts) will be switched to Level 2 contracts.

Beyond 2022: Contracts will not be switched to Level 3 with the NextGen project, but will be switched to Level 3 at a later point in time*

* For EEX/ECC, contract identification approach requires Level 3 contracts

		Contract Level		
		Level 1	Level 2	Level 3
Introduction Step	Step 1	monthly	n/a	n/a
	Step 2	monthly	sub-monthly	n/a
	Step 3	n/a	sub-monthly & monthly	n/a

Need To Know - Big Picture Impacts

Important Milestones

- After go-live in June 2022, **all market participants have full and unlimited access to all Eurex ETD contracts (Level 1)** until activation of NextGen contracts in July 2022 (Level 2)
- Since integrated weekly expiring options contracts are Level 2 contracts, **Members still on Level 1 will not have access** any longer to weekly expiring options contracts
- To reduce market risk, **adaptation to new contract identification approach (June/July 2022) is strongly advised!**
- Members **must support the new contract identification concept by latest end 2022**; otherwise there will be severe limitations on trading & clearing Eurex products due to switching monthly contracts to Level 2 contracts

Please note: The timeline for the activation of sub-monthly expiring contracts has changed. You can find the latest timeline displayed on the dedicated Eurex Next Gen support page.

4 Details on Changes in Eurex Clearing Layer

Contract Attributes across all Eurex Systems

Contract Identification Method Contract Fields	Description	Standard Option Contract	Flexible Option Contract	Standard	Flex	Key Fields
	ProdID	ODAX	ODAX	Y	Y	Y
	Call / Put Indicator (option only)	Call	Put	Y	Y	Y
	Contract Date	20221216	20221216	Y	Y	Y
	Contract Type	Standard	Flexible	Y	Y	Y
	Strike Price (option only)	3200	3215	Y	Y	Y
	Version No (option only)	0	0	Y	Y	Y
	Settlement Method ¹	Cash	Cash	Y	Y	Y
	Exercise Style ¹ (option only)	European	American	Y	Y	Y
	Contract Frequency	Weekly	Flex	Y	Y	N
	Final Settlement Price Date	20221216	n/a	Y	N	N
	Flexible Product ID	n/a	OD8X	N	Y	N
	Contract Month	12	n/a	Y/N ²	N	N
	Contract Year	2022	n/a	Y/N ²	N	N
	Expiration Date	20221216	20221216	Y	Y	N
	Contract ID	69994644	40318697	Y	Y	N
	Contract Mnemonic	ODAX SI 20221216 CS EU C 3200 0	ODAX FI 20221216 CS AM P 3215 0	Y	Y	N

¹ Please be aware:
Settlement Method and Exercise Style do NOT vary for standard contracts within the same product

² Month/Year information never available for sub-monthly contracts

FIXML Interface – Basic Principles for Inbound Messages

Messages need to uniquely address the transaction / position which is subject to adjustment. This uniqueness can be achieved in three ways:

1. Sufficient instrument information (functional contract key)
2. Alternative instrument ID (technical ID or contract ID)
3. Transaction or Position ID

Ad Transaction ID:

- In order to be FIXML compatible it is already sufficient for transaction adjustments to send the mandatory required transaction ID (tag 571) and the product symbol
- Any additional contract information is optional, but part of a consistency check

Ad Position ID:

- To offer a similar approach for position adjustments the position ID (tag 2618) was added to the Position Maintenance Report message. Only the product symbol needs to be additionally send to be FIXML compatible
- As the position ID is optional, the functional contract information becomes more important to address an adjustment correctly
- Any additional contract information is optional, but part of a consistency check

Example for FIXML Logic (1/3)

Outbound Message

Members / vendors can immediately switch to the new identification approach in Jun 2022 by using the YYYY-MM-DD logic.

Example Outbound message send by Eurex:

Description	FIX Tag	Monthly	Week #1	Week #2	Week #4	Week #5
Prod ID	55	ODAX	ODAX	ODAX	ODAX	ODAX
Call / Put	201	C	C	C	C	C
Contract Date	30866	20220715	20220701	20220708	20220722	20220729
Contract Type	1244	Standard	Standard	Standard	Standard	Standard
Strike Price	202	3200	3200	3200	3200	3200
Version No	206	0	0	0	0	0
Settlement Method	1193	Cash	Cash	Cash	Cash	Cash
Exercise Style	1194	European	European	European	European	European
Expiration Date	541	20220715	20220701	20220708	20220722	20220729
Maturity Month Year	200	202207				
Contract Frequency	30867	Monthly	Weekly	Weekly	Weekly	Weekly
ContractID	455	67911537	67911834	67911233	67911567	67911339

Example for FIXML Logic (2/3)

Inbound Message Monthly Contract

In FIXML contract date, expiration date as well as month/year are always accepted for monthly contracts.

Examples for valid Inbound messages for monthly contracts send by members:

Description	FIX Tag	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly
Prod ID	55	ODAX	ODAX	ODAX	ODAX	ODAX	ODAX
Call / Put	201	C	C	C	C	C	C
Contract Date	30866	20220715	20220715		20220715		
Contract Type	1244	Standard	Standard	Standard	Standard	Standard	Standard
Strike Price	202	3200	3200	3200	3200	3200	3200
Version No	206	0	0	0	0	0	0
Settlement Method	1193	Cash	Cash	Cash	Cash	Cash	Cash
Exercise Style	1194	European	European	European	European	European	European
Expiration Date	541	20220715		20220715		20220715	
Maturity Month Year	200	202207			202207	202207	202207
Contract Frequency	30867	Monthly	Monthly	Monthly	Monthly	Monthly	Monthly

Example for FIXML Logic (3/3)

Inbound Message Sub-Monthly Contract

For sub-monthly contracts only contract date as well as expiration date are allowed via FIXML. Using Month/Year (tag 200) will lead to a rejection.

Examples for valid Inbound messages send by members:

Description	FIX Tag	Week #1	Week #1	Week #1
Prod ID	55	ODAX	ODAX	ODAX
Call / Put	201	C	C	C
Contract Date	30866	20220701	20220701	
Contract Type	1244	Standard	Standard	Standard
Strike Price	202	3200	3200	3200
Version No	206	0	0	0
Settlement Method	1193	Cash	Cash	Cash
Exercise Style	1194	European	European	European
Expiration Date	541	20220701		20220701
Contract Frequency	30867	Weekly	Weekly	Weekly

Need to know – Clearing Changes

Standard Contracts

- Settlement method and Exercise style (options only) remain identical for standard contracts within the same product
- Differentiation in exercise style (options only) and/or settlement method for standard contracts will be done by introducing different product IDs (like today)

Flex Contracts

- Flexible product offering remains in place as today
- Like today, differentiation between American vs European and Physical vs Cash will be done by offering different flex product IDs
- Flexible product ID will remain in Clearing GUI, FIXML interface, and TE files

Flex Conversion

- During the grace period **no** flex to standard conversion will be done automatically by Eurex. As a consequence, an identical standard and flex contract can exist in parallel
- After the grace period the flex to standard conversion will be done in any standard contract: daily, weekly, end of month or monthly contract

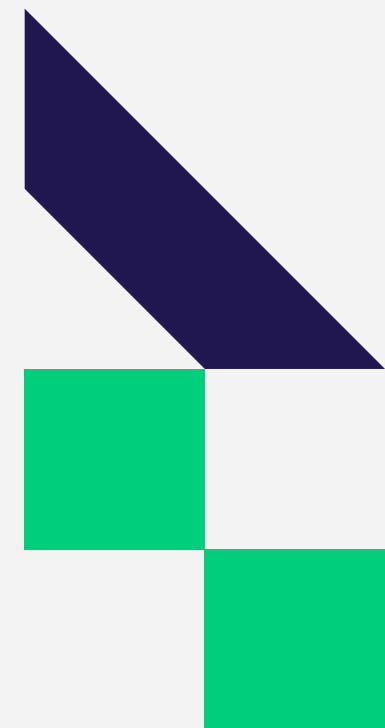
Sub-monthlies

- Only Sub-Monthly contracts mandatorily require YYYYMMDD contract information in inbound FIXML messages as well as in GUI uploads in case the functional key is used

5 Questions & Answers

Thank you!

Appendix



NextGen Impact on Regulatory Reporting

- No impact on Transaction/Position Reporting Requirements

Next Gen ETD

For MiFID II Art 26

- ECAG refers to instrument ISINs only, not to single instrument attributes
- Reporting is not affected by NextGen project

For EMIR Art 9

- Reporting is also based on instrument ISIN level only
- No reference to Eurex Product IDs
- Envisaged maturity (=expiry) date format YYYYMMDD is already in use today
- Maturity/Expiry date of the position is available in our “EMIR Position Report - harmonized file” via CRE or in CB012 (please see Eurex Clearing circular 12/2021)

Example for FIXML Logic – Step 1 (1/4)

- With the introduction of the Jun2022 releases the different weekly **products** are still existing. Therefore, market participants can still identify the contracts of the weekly products with the YYYYMM (tag 200) identification.
- Market participants can already immediately switch to the new identification approach in Jun2022 by using YYYYMMDD. In FIXML both expiration date as well as contract date are always accepted by Eurex.

Example Step 1:

Description	FIX Tag	Monthly	Week #1	Week #2	Week #4	Week #5
Prod ID	55	ODAX	ODX1	ODX2	ODX4	ODX5
Call / Put	201	C	C	C	C	C
Contract Date	30866	20220715	20220701	20220708	20220722	20220729
Contract Type	1244	Standard	Standard	Standard	Standard	Standard
Strike Price	202	3200	3200	3200	3200	3200
Version No	206	0	0	0	0	0
Settlement Method	1193	Cash	Cash	Cash	Cash	Cash
Exercise Style	1194	European	European	European	European	European
Expiration Date	541	20220715	20220701	20220708	20220722	20220729
Maturity Month Year	200	202207	202207	202207	202207	202207
Contract Frequency	30867	Monthly	Monthly	Monthly	Monthly	Monthly

Example for FIXML Logic – As of Step 1 (2/4)

A flexible contract would look as follows:

Description	FIX Tag	Monthly
Prod ID	55	ODAX
Call / Put	201	C
Contract Date	30866	20220715
Contract Type	1244	Flex
Strike Price	202	3201
Version No	206	0
Settlement Method	1193	Cash
Exercise Style	1194	European
Flexible Product ID	1227	OD8X
Expiration Date	541	20220715
Contract Frequency	30867	Flex

A MSCI future where contract date is not identical to expiration date would look as follows:

Description	FIX Tag	Monthly
Prod ID	55	MSCI
Contract Date	30866	20220916
Contract Type	1244	Standard
Settlement Method	1193	Physical
Expiration Date	541	20220919
Maturity Month Year	200	202209
Contract Frequency	30867	Monthly

Example for FIXML Logic – As of Step 2 (3/4)

- With the introduction of the business initiatives, YYYYMMDD will be mandatorily required for sub-monthly contracts.
- Only the monthly expiring contract will still contain YYYYMM (tag 200) as today.
- Compared to the example for Step 1, the individual **products** are not required anymore, as all contracts are now integrated within the ODAX.

Example as of Step 2:

Description	FIX Tag	Monthly	Week #1	Week #2	Week #4	Week#5
Prod ID	55	ODAX	ODAX	ODAX	ODAX	ODAX
Call / Put	201	C	C	C	C	C
Contract Date	30866	20220715	20220701	20220708	20220722	20220729
Contract Type	1244	Standard	Standard	Standard	Standard	Standard
Strike Price	202	3200	3200	3200	3200	3200
Version No	206	0	0	0	0	0
Settlement Method	1193	Cash	Cash	Cash	Cash	Cash
Exercise Style	1194	European	European	European	European	European
Expiration Date	541	20220715	20220701	20220708	20220722	20220729
Maturity Month Year	200	202207	*202207	202207	202207	202207
Contract Frequency	30867	Monthly	Weekly	Weekly	Weekly	Weekly

*Please be aware that empty fields are not provided via FIXML

Example for FIXML Logic – As of Step 2 (4/4)

- With the introduction of the business initiatives, YYYY-MM-DD mandatorily required for sub-monthly contracts.
- Only the monthly expiring contract still contains YYYY-MM (tag 200) as today.
- Example as of Step 2 for OFBD:

Description	FIX Tag	Monthly	Week #1	Week #2	Week #3	Week #4
Prod ID	55	OGBL	OGBL	OGBL	OGBL	OGBL
Call / Put	201	C	C	C	C	C
Contract Date	30866	20220729	20220701	20220708	20220715	20220722
Contract Type	1244	Standard	Standard	Standard	Standard	Standard
Strike Price	202	170	170	170	170	170
Version No	206	0	0	0	0	0
Settlement Method	1193	Physical	Physical	Physical	Physical	Physical
Exercise Style	1194	American	American	American	American	American
Expiration Date	541	20220729	20220701	20220708	20220715	20220722
Maturity Month Year	200	202208				
Contract Frequency	30867	Monthly	Weekly	Weekly	Weekly	Weekly

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