

# Refinitiv FX Matching

Differences between MAPI and new FX venues Trading API

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**An LSEG Business**

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# Contents

<b>About this document.....</b>	<b>6</b>
<b>Chapter 1 Executive Summary.....</b>	<b>8</b>
1.1 Introduction .....	8
1.2 Headline Changes.....	8
1.2.1 Flagged Behavioural Changes.....	8
1.2.2 API Change Summary .....	10
<b>Chapter 2 NDF Trading .....</b>	<b>12</b>
<b>Chapter 3 Architectural Changes.....</b>	<b>13</b>
3.1 Existing Refinitiv MAPI Implementation .....	13
3.2 New FX Venues API Implementation.....	14
3.2.1 Summary of Changes by Message.....	14
3.2.2 Trading .....	14
3.2.3 Post Trade.....	15
3.2.4 Credit.....	15
3.2.5 Market Data.....	15
<b>Chapter 4 Conceptual Changes .....</b>	<b>16</b>
4.1 CapAcity/Performance .....	16
4.2 Symbology and Instrument Derivation .....	16
4.2.1 Example – Global Spot Instrument (Standard Settlement).....	17
4.2.2 Example – Global Spot Instrument (Non-Standard Settlement).....	17
4.2.3 Example – Domestic Spot Instrument (Standard Settlement) .....	18
4.2.4 Example – Global Swap MTF – Tomorrow Next .....	18
4.2.5 Example – Global Swap – Spot v 1 Week .....	19
4.2.6 Example – Global NDF – 1 Month .....	19
4.3 Trading Week.....	20
4.3.1 Cleared NDFs .....	20
4.3.2 Instrument Trading Status.....	20
4.4 Matching Processes.....	20
4.4.1 Randomisation .....	20
4.4.2 MQL .....	21
4.4.3 Amendments .....	21
4.4.4 Venue Credit Check Vs Client Credit Check Processes .....	21
4.4.5 Work-Up.....	22
<b>Chapter 5 Order Types &amp; Entry Attributes Changes.....</b>	<b>23</b>
5.1 Common changes across multiple Message types .....	23
5.1.1 Party Changes .....	23

5.1.2	Symbol/instrument Identifier .....	23
5.1.3	TradeDate .....	23
5.1.4	TransactTime .....	23
5.1.5	Client Order IDs (COrdID).....	23
5.2	Message Types.....	24
5.2.1	New Order Single (Nos).....	24
5.2.2	New Order MultiLeg (NoML).....	24
5.2.3	Execution Report (ER).....	24
5.2.4	Trade Capture Report.....	26
5.2.5	Mass Action Request.....	27
5.2.6	Party Action Report.....	27
5.3	Order Types .....	28
5.3.1	Removed Order Types.....	28
5.3.2	New Order Types.....	28
5.3.3	Order Summary on LSEG FX Venues.....	28
5.4	Time in Force .....	28
5.4.1	Removed TIF .....	28
5.4.2	New TIF.....	28
5.4.3	TIF Summary on LSEG FX.....	29
5.4.4	Max Order Duration .....	29
5.5	Order Validation .....	29
5.5.1	Data Dictionary.....	29
5.5.2	Throttling .....	29
5.5.3	MOS – Maximum Order Size.....	29
5.5.4	MOOPI – Maximum Open Orders Per Instrument.....	30
5.6	Sessions.....	30
5.6.1	Logon .....	30
5.6.2	Session Resets/Recovery.....	31
5.6.3	Cancel on Disconnect.....	34
5.7	Deprecated Credit/PB Related Functionality .....	34
5.8	Credit API Changes .....	35
<b>Chapter 6</b>	<b>FIX Message Comparison .....</b>	<b>36</b>
6.1	Header/Trailer .....	36
6.2	Logon (35=A) .....	37
6.3	Logout(35=5).....	37
6.4	Other Admin Messages .....	38
6.4.1	Sequence Reset.....	38
6.4.2	Reject (35=3) .....	38
6.5	New Order single (35=D).....	38

6.6	New Order Multileg (35=AB)	41
6.7	Execution Report (35=8)	44
6.8	Trade Capture report (35=AE)	50
6.8.1	OrderCancelRequest (35=F)	58
6.8.2	Order Cancel Reject (35=9)	60
6.8.3	Order Cancel Replace (35=G)	61
6.9	Mass Actions	63
6.9.1	OrderMassActionRequest (35=CA)	63
6.9.2	OrderMassCancelReport (35=BZ)	65
6.10	Party Action	66
6.10.1	PartyActionRequest (35=DH)	66
6.10.2	PartyActionReport (35=DI)	67
6.11	Quote Messages	68
6.11.1	Quote (35=S)	68
6.11.2	QuoteResponse (35=AJ)	70
6.11.3	QuoteStatusRequest(35=a)	72
6.11.4	QuoteStatusReport (35=AI)	73
6.11.5	QuoteRequest (35=R)	74
<b>Chapter 7</b>	<b>Workflows</b>	<b>76</b>
7.1	Order Entry/Cancellation	76
7.1.1	Venue Credit Check Workflows	76
7.1.2	Client Credit Check Workflows	82

# About this document

## INTENDED READERSHIP

This document is for LSEG FX clients' operational technology support and development teams and their respective associates (i.e. approved vendors). It describes the differences between the existing Refinitiv MAPI and the new LSEG FX venues APIs. As such, it is intended for consumption by those parties already familiar with Refinitiv MAPI who are looking to migrate their codebase to the new LSEG FX venues APIs.

## NOTE

The new LSEG FX venues APIs are due to go live in different phases, with the initial phase supporting cleared NDFs, due to go-live in H2 2023.

## IN THIS DOCUMENT

This document provides a comparison of the functionality contained within the existing Refinitiv MAPI and its mapping to the equivalent functionality supported across the new LSEG FX venues APIs, including Pre-trade Market Data, Trading, Post Trade and Credit.

## FOR FURTHER INFORMATION

For questions or further information related to LSEG FX venues API migration, please browse the Developer Community Portal using the link below.

[Refinitiv Developer Community Portal – FX Venues APIs](#)

## FEEDBACK

If you have any comments on this document, please contact the global Refinitiv help desk using the link below.

[MyRefinitiv – Contact Us](#)

## GLOSSARY

Acronym	Definition
ACF	Automatic Confirmation – the process to track the status of a Match
CA	Credit Administrator
DCS	Daily Confirmation Sheet statement
DOMCAD	Disable On MAPI Credit Admin Disconnect
FIXT	The separate session layer specification. It is used to identify the FIX Session version being used.
MAPI	Refinitiv FX Matching API
MDFD	FX Refinitiv FX Matching Real Time Data
MFG	Refinitiv FX Matching FIX Gateway

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Acronym	Definition
MOOPI	Maximum Open Orders Per Instrument
MOS	Maximum Order Size
MQL	Minimum Quote Life
PB	Prime Broker
PBC	Prime Broker Client
RFA	Robust Foundation API
RMO	Recognised Market Operator – regulated by the MAS
SEF	Swap Execution Facility – regulated by the CFTC
STU	Special Ticket User
TCID	Trade Code Identifier
TCR	TradeCaptureReport (35=AE)

# Chapter 1 Executive Summary

## 1.1 INTRODUCTION

The existing Refinitiv FX Trading Platform (accessible through Refinitiv MAPI) will migrate to a new LSEG FX venues platform, infrastructure and APIs.

This will enable LSEG to offer a more standardised and performant solution that is consistent across all FX Venues and more closely aligned with the London Stock Exchange platforms.

The initial release will be the introduction of cleared NDF Matching to the trading platform, followed by new local markets venues and the migration of the Matching platform for Spot and Swaps products. Subsequent phases will involve an upgraded ECN (to supersede OrderBook), PriceStream RFS and FXall RFQ.

This will mean a single set of APIs to connect to all the new LSEG FX venues and workflows.

Once a customer is using the APIs for one product supporting other products will be an incremental change.

This document introduces these APIs and highlights where there is notable change between the new and existing APIs. It is intended to enable customers to assess the impact of these changes to their internal applications.

There are three types of APIs that will now be available to connect.

- FIX Simple Binary Encoding for the Market Data Feed.
- FIX 5.0 for the Trading and Post Trade APIs.
- Restful APIs for the Credit and Member Portal platforms.

These APIs will replace the Refinitiv FIX Trading and RFA APIs.

## 1.2 HEADLINE CHANGES

This section highlights the key areas where customers need to make changes to connect directly to the new LSEG FX APIs. For full details of the changes the whole document will need to be reviewed.

### 1.2.1 Flagged Behavioural Changes

#### 1.2.1.1 Field length changes

When moving to the new APIs there will be change in length to some key Identifiers.

Field	On Message	Length Change	Equivalent on MAPI
Account(1)	Execution Report (8) NoS (D) NoML(AB) TCR (AE)	From 50 to 10	Account(1)
CIOrdID(11)	Execution Report (8) NoS (D) NoML(AB) TCR (AE)	From 255 to 25	CIOrdID(11)
OrigCIOrdID(11)	OrderCancelRequest(F) OrderCancelReject(9) Order Cancel- Replace(G)	From 255 to 25	OrigCIOrdID (11)



Field	On Message	Length Change	Equivalent on MAPI
OrdID(37)	Execution Report (8) TCR (AE)	From 10 to 13 Characters	OrdID(37)
TrdMatchSubID(1891)	Execution Report (8)	From 10 to 11 Characters	SecondaryExecutionID (527)
TradeID(1003)	TCR (AE)	From 10 to 12 Characters	TrdMatchID(880)
TrdMatchID(880)	Execution Report (8)	From 10 to 12 Characters	TrdMatchID(880)
TradeLinkID(820)	TCR (AE)	From 10 to 11 Characters	TradeID(1003)
ExecID(17)	Execution Report (8)	From 10 to 13 Characters	ExecID(17)

### 1.2.1.2 Enforcement of CIOrdID uniqueness

In MAPI the specification does not permit duplication of CIOrdID. However there is no validation to reject. Some customers are sending duplicate CIOrdIDs within the same trading session.

In LSEG FX Venues this continues not to be permitted and will be enforced. A duplicate CIOrdID will result in a rejection.

### 1.2.1.3 Reduction in message cache size limiting message replay

In MAPI it is possible to replay all messages from the start of the trading week.

In LSEG FX, a limited number of recent messages will be cached in order to facilitate recovery only. The data from the full trading week will not be available.

Historical orders and trades can be retrieved through the REST Reporting API. The Specification of this RESTful API is available at the Developer Community Portal.

### 1.2.1.4 Login Changes

In order for a Login request to complete successfully on the LSEG FX side, the client is recommended to wait for 500ms even after receiving the Logon response to send additional messages. Not waiting for 500ms could result in instructions being rejected.

On response to a Client Logon(A) request, the server, in addition to the Logon(A) message sends a TestRequest(1) request. Only in receipt of a response to this request via a HeartBeat(0) message will the server send responses to client messages received after Logon. It is recommended that client does not send any instructions until after sending this HeartBeat(0) response.

The NextExpectedSequence[789] tag is not used in LSEG FX. This impacts the way a gap in messages is detected and filled.

Please see section [5.6.2 Session Resets/Recovery](#) for more information.

### 1.2.1.5 Pending States

Pending States can be different between MAPI and LSEG FX.

The occurrence of pending states is covered in the Workflow section - [Chapter 7 Workflows](#)

Pending States in Execution Report(8)	In Response to	MAPI	LSEG FX API
Pending New	NoS(D)	Never	Sometimes

Pending States in Execution Report(8)	In Response to	MAPI	LSEG FX API
Pending New	NoML(AB)	n/a	Sometimes
PendingCancel	OrderCancel Request(F)	Always	Sometimes
PendingReplace	Order Cancel Replace(G)	Always	Sometimes

### 1.2.1.6 Quantity Values in Forward Matching Client Credit Check

Within the Client Credit Check process (that replaces the current “Soft Match” proposal negotiation), the way Quantity values are calculated will change when moving to LSEG FX.

Quantity Value	MAPI	LSEG FX API
LastQty	Quantity remains the value at Match.	Quantity is also updated at the end of the Client Checks Credit process.
CumQty	Quantity remains the value at Match.	Quantity is updated at the end of the Client Checks Credit process.
Leaves Qty	OrderQuantity - CumQty	OrderQuantity – CumQty
Locked Qty	n/a	Amount of leaves quantity of the order parked outside the order book pending cancellation or conclusion of the Client Credit Check workflow.

### 1.2.1.7 Quantity Tags expect absolute values

In MAPI, the absolute Quantity is derived from multiplying the Quantity tags (OrderQty(38), CumQty(14), LeavesQty(151)) by the ContractMultiplier(231) tag.

In LSEG FX The Quantity Tags (OrderQty(38), CumQty(14), LeavesQty(151)) will contain the absolute Quantity.

For example

Desired Quantity	MAPI	LSEG FX
15,000,000	Qty(38) = 15 ContractMultiplier(231) = 1000000	Qty(38) = 15000000

## 1.2.2 API Change Summary

### 1.2.2.1 Trading API

FIX 5.0 SP2 will still be used and many of the Tags remain the same. Usage of custom tags has been minimised. Where new tags are introduced, they are sought from the extension packs in the first instance. Customers should always look to use the latest extension packs to avoid interpreting new tags as custom.

The key areas of change are:

- Symbology and instrument definition
  - In MAPI a single field is used to encapsulate different aspects of the instrument, e.g. custom spot settlement days, onshore v offshore and large/small lot size and precision trading requirements.
  - In LSEG FX separate fields are used for each unique aspect of the instrument.
- Party Identification
  - In MAPI each individual trader must log on before sending orders.

- In LSEG FX details must be contained in the party identifier repeating block. An explicit log-in isn't required.
- Distinct APIs
  - In MAPI, Credit and Post Trade functionality was combined in the Trading API.
  - In LSEG FX dedicated APIs are provided for Credit and Post Trade.

#### **1.2.2.2 Market Data API**

- Standard TCP customers will need to migrate from the RFA protocol to the FIX SBE protocol.
- Premium Multicast customers will still use FIX SBE but will need to make code changes to accommodate the improved implementation.
- For more information refer to - [Market Data Technical Overview](#)

#### **1.2.2.3 Post Trade API**

- Trade Capture Reports (TCRs) will now be disseminated only on a separate FIX 5.0 SP2 session to the Post Trading Gateway.

#### **1.2.2.4 Credit API**

- A new Credit API is provided implemented using a RESTful API.
- All Credit interactions will need to use this API.
- MOS, MOOPI, Inhibit/Release/Disable notifications will remain on the Trading API

---

#### **NOTE**

In line with the Spot Matching release there will be a MAPI Adaptor released that translates MAPI to the LSEG FX APIs for Spot Instruments only. It will provide and interface for Trading, Post Trade, Market Data and Reference Data. There will be some small changes for existing MAPI customers. These changes will be highlighted in a subsequent document.

---

## Chapter 2 NDF Trading

Phase 1 will introduce a new Matching Venue where participants can trade NDFs.

The initial set of instruments will be:

- USD/BRL 1M NDF
- USD/CLP 1M NDF
- USD/CNY 1M NDF
- USD/COP 1M NDF
- USD/INR 1M NDF
- USD/IDR 1M NDF
- USD/KRW 1M NDF
- USD/MYR 1M NDF
- USD/PEN 1M NDF
- USD/PHP 1M NDF
- USD/TWD 1M NDF

USD will be the base currency for all NDF instruments, as implied in the above, with the volume (nominal) currency being USD.

The NDF venues will be cleared venues. LCH ForexClear will operate as the Central Counterparty (CCP). All participants will be Clearing Members or Clearing Member Clients of LCH ForexClear, with all trades executed on the venues sent to LCH ForexClear for settlement.

Phase 1 NDF Matching Trading Venues will run as Primary CLOBs with an All-to-All Firm Matching Trading paradigm.

NDF Venues will operate under the RMO and SEF regulatory regimes.

## Chapter 3 Architectural Changes

### 3.1 EXISTING REFINITIV MAPI IMPLEMENTATION

Refinitiv MAPI is made of two key components:

- RFA/UPA: used to receive market data/Reference Data
- FIX: used to submit & manage orders and other requests.

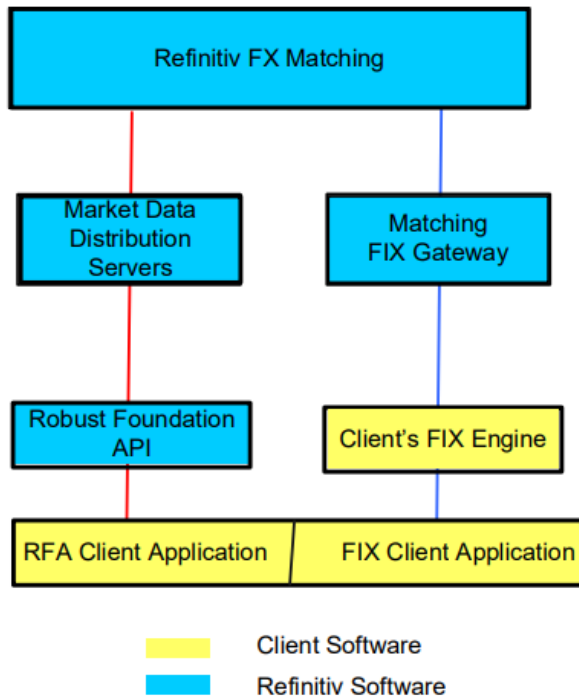


Figure 1 – Existing High Level Architecture using MAPI

## 3.2 NEW FX VENUES API IMPLEMENTATION

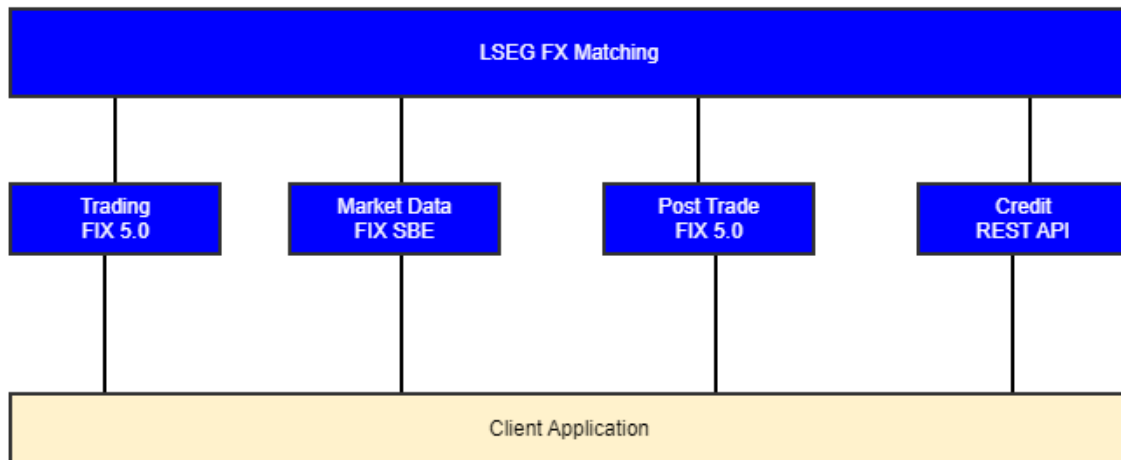


Figure 2 – New High-Level Architecture using FXI Matching APIs

Clients connecting directly to the new LSEG FX APIs will need to write against the above APIs to replace existing functionality. New REST APIs will additionally be available for self-service Administration and Reporting providing new functionality not currently available through an API.

### 3.2.1 Summary of Changes by Message

The table below shows a comparison of the APIs required on Refinitiv MAPI vs the new LSEG FX APIs.

	Current Refinitiv MAPI	Future LSEG FX API
<b>NewOrderSingle</b>	MAPI	FIX Trading API
<b>NewOrderMulti-Leg</b>	Not Available	FIX Trading API
<b>Execution Reports</b>	MAPI	FIX Trading API
<b>Trade Capture Reports</b>	MAPI	FIX Post Trade API
<b>Party Action Request/Custom U1 Message</b>	MAPI	REST Credit API
<b>Security Definition/Reference Data (TCP)</b>	MAPI/RFA	FIX SBE Market Data
<b>Market Data Request/Incremental Update/Full Snapshot (TCP)</b>	MAPI/RFA	FIX SBE Market Data
<b>Security Definition/Reference Data (Multicast)</b>	Refinitiv FIX SBE Feed	FIX SBE Market Data – Multicast Colo Feed
<b>Market Data Request/Incremental Update/Full Snapshot (TCP)</b>	Refinitiv FIX SBE Feed	FIX SBE Market Data – Multicast Colo Feed

### 3.2.2 Trading

FX Spot, FX NDF and FX Swap orders will be submitted through the FIX Trading API on FIX 5.0 SP2.

This will include negotiation phases that occur during the Client Credit Check workflow and any Work-Up negotiations.

Users will no longer be required to individually log-in over and above the Fix Session level (using CompIDs). User information will be contained in the FIX Messages (e.g. NewOrderSingle) and accepted only if the user is valid.

There will be some changes to the workflows, FIX 5.0 SP2 Messages and Tags previously used on the Refinitiv MAPI solution.

### 3.2.3 Post Trade

To receive Trade Capture Reports (TCRs), clients will need to connect to the new Post Trade Gateway which is responsible for disseminating the TCRs.

No other messages are available on this API. Execution Reports (ERs) will be disseminated on the Trading API.

Drop Copy information will now be available via the Post Trade API. This will require a separate connection and credentials to the Trading API.

### 3.2.4 Credit

Certain credit controls could be entered through the Refinitiv MAPI FIX Trading API such as PBC Session control and MOS and MOOPI limits.

These will be removed. Message types U1,U2 and U3 will no longer be available. PartyAction Request (MessageType (35=DH)) will not be available to manage credit.

These controls will now be available through a separate Credit REST API. PBs are required to connect to this new API.

---

#### NOTE

Notifications to PBCs regarding MOS and MOOPI limits and Trading status can still be received on the Trading API through the 35=DI message.

The 35=DH will still be used in the Client Checks Credit flows to inhibit/disable counterparties.

---

### 3.2.5 Market Data

Two new distinct market data feeds are being built for LSEG FX venues: A Premium IP Multicast Feed available only to co-located subscribers, and a Standard TCP/IP Feed available to all subscribers.

Both feeds will (i) provide credit-screened and unscreened market data updates, (ii) utilise the FIX protocol's Simple Binary Encoding (SBE), and (iii) provide conflated (i.e., time sliced) market data updates, with the premium Multicast feed providing updates more frequently (every 5ms) than the standard TCP/IP feed (currently every 100ms).

Whilst the market data feeds do support both screened and unscreened market data, for the initial NDF launch, where all trades are settled by the CCP, only unscreened data will be available.

While these new feeds have been deliberately designed to closely reflect the existing Matching feeds in their behaviour, neither is backwards-compatible with those that exist on Matching today so will require development and certification work by subscribers.

Not only have the new feeds been specifically designed to improve efficiency, fairness and subscriber experience on Matching but they will also serve to unify the format of market data across all LSEG FX venues. By coding to the new market data feed FIX Specification subscribers will be able to connect to future products with incremental development work. As is the case with Matching, the behaviour of the new feeds on those other venues has been deliberately designed to closely reflect that of their existing feeds.

The key changes for Market Data are fully covered in a separate document - [Market Data Technical Overview](#)

## Chapter 4 Conceptual Changes

### 4.1 CAPACITY/PERFORMANCE

The system is being designed to improve performance and throughput. Information will be available within three months of launch.

### 4.2 SYMBOLOGY AND INSTRUMENT DERIVATION

In Refinitiv MAPI Instruments are identified in the Reference Data by the Display Name:

- DSPLY\_NAME on RFA protocol

This can be directly mapped into the Symbol Tag (55) on the Trading side to identify an instrument.

- Symbol – Tag 55 on FIX

This the case for both Spot and SWAP instruments.

Across the new LSEG FX venues, Instrument details are received in the Security Definition message on the Market Data API.

When entering orders, SPOT and NDF orders will be on the NewOrderSingle (35=D) Message message type.

Swaps will be entered on the NewOrderMultileg (35=AB) message type. This allows specific information to be entered on each of the legs of the Swap trade. Please see Order Types section for more details on this.

To identify an instrument, the following Fields are required.

For Instrument Types	Market Data FIX SBE Fields	Equivalent Trading FIX Tags	Additional Information
Spot/ NDF/ Swaps	Symbol	Symbol (55)	Indicates the currency pair regardless of product type and any other consideration. i.e. a EUR/USD Spot and Swap would have the same symbol.
Spot/ NDF/ Swaps	SecurityType	SecurityType (167)	FXNDF/ FXSPOT/ FXSWAP
Spot/ NDF	SettlType	SettlType (63)	Indicates order settlement period
Spot/ NDF	SettlDate	SettlDate (64)	Populated in Market Data and TCR. Not required for fixed tenor orders on order entry.
Spot/NDF/ Swaps	ExDestination	ExDestination (100)	Defines the Regulatory Regime. 101 = None 102 = RMO 103 = SEF 104 = MTF 105 = Local Expected value is "None = 101" for FXSPOT



For Instrument Types	Market Data FIX SBE Fields	Equivalent Trading FIX Tags	Additional Information
Spot/ NDF/ Swaps	MarketSegmentID	MarketSegmentID (1300)	Defines the Market Segment based on the lot size setup. 101 = Regular 102 = Small For NDFs and for majority of instruments this will be 101 = Regular.
Spot/ NDF/ Swaps	MDSubBookType	OrderBook (30001)	Indicates if it's Matching or ECN. Will be matching for initial releases 1 = Matching
Swaps	LegID	LegID (1788)	Used to indicate near or far leg
Swaps	LegSettlType	LegSettlType (587)	Indicates order settlement period
Swaps	LegSettlDate	LegSettlDate (588)	Populated in Market Data and TCR. Not required for fixed tenor orders on order entry.

#### 4.2.1 Example – Global Spot Instrument (Standard Settlement)

In Refinitiv MAPI the EUR/USD spot instrument would be identified as:

- DSPLY\_NAME/SYMBOL = EUR=

In LSEG FX this will be identified going forward using the following Tags.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	EUR/USD
SecurityType	SecurityType (167)	FXSPOT
SettlType	SettlType (63)	0 (indicates regular spot settlement)
ExDestination	ExDestination (100)	101 (None)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)
MDSubBookType	OrderBook (30001)	1 (Matching)

#### 4.2.2 Example – Global Spot Instrument (Non-Standard Settlement)

In Refinitiv MAPI the USD/VND with spot settlement of the same day (i.e. T+0) would be identified as:

DSPLY\_NAME/SYMBOL = VNDT=

This would be identified going forward using the following Tags.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	USD/VND
SecurityType	SecurityType (167)	FXSPOT
SettlType	SettlType (63)	1 (indicates T+0 settlement)

ExDestination	ExDestination (100)	101 (None)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)
MDSUBBookType	OrderBook (30001)	1 (Matching)

#### 4.2.3 Example – Domestic Spot Instrument (Standard Settlement)

In Refinitiv MAPI it might not be possible to derive that an instrument is traded Domestically from the name alone. Instruments that are traded in both a Domestically and Globally are commonly differentiated using a DOM suffix.

- THB= is the USD/THB globally traded instrument.
- THBDOM= is the USD/THB domestically traded instrument.

However, INR= is only traded domestically so has one identifier.

For this example, we will use USD/INR which is always traded domestically.

The Symbol for this is "INR=".

DSPLY\_NAME/SYMBOL = INR=

In LSEG FX this would be identified going forward using the following Tags.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	USD/INR
SecurityType	SecurityType (167)	FXSPOT
SettlType	SettlType (63)	0 (Regular Spot Settlement)
ExDestination	ExDestination (100)	105 (Local)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)
MDSUBBookType	OrderBook (30001)	1 (Matching)

#### 4.2.4 Example – Global Swap MTF – Tomorrow Next

In Refinitiv MAPI the Swap for USD/EUR Tomorrow Next is:

DSPLY\_NAME/SYMBOL = EURTN=

In LSEG FX this would be identified going forward using the following Tags.

#### NOTE

The far leg is spot as the legs are ordered based on settlement date.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	EUR/USD
SecurityType	SecurityType (167)	FXSWAP
SettlType	SettlType (63)	Not populated
SettlDate	SettlDate (64)	Not populated
ExDestination	ExDestination (100)	104 (MTF)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
LegID	LegID (1788)	1 (Near Leg)
LegSettlType	LegSettlType (587)	2 (TOM Settlement)
LegID	LegID (1788)	2 (Far Leg)
LegSettlType	LegSettlType (587)	0 (Regular Spot Settlement)
MDSUBBookType	OrderBook (30001)	1 (Matching)

#### 4.2.5 Example – Global Swap – Spot v 1 Week

In Refinitiv MAPI the Swap for USD/EUR for spot v 1 week is:

DSPLY\_NAME/SYMBOL = EURSW=

In LSEG FX this would be identified going forward using the following Tags.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	EUR/USD
SecurityType	SecurityType (167)	FXWAP
SettlType	SettlType (63)	Not populated
SettlDate	SettlDate (64)	Not populated
ExDestination	ExDestination (100)	101 (None)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)
LegID	LegID (1788)	1 (Near Leg)
LegSettlType	LegSettlType (587)	0 (Regular Spot Settlement)
LegID	LegID (1788)	2 (Far Leg)
LegSettlType	LegSettlType (587)	W1 (FIX representation of the 1W tenor)
MDSUBBookType	OrderBook (30001)	1 (Matching)

#### 4.2.6 Example – Global NDF – 1 Month

The example of a USD/KRW NDF of 1 month on the SEF will be identified using the following Tags.

Market Data FIX SBE Fields	Equivalent Trading FIX Tags for Order Entry	Tag Value
Symbol	Symbol (55)	USD/KRW
SecurityType	SecurityType (167)	FXNDF
SettlType	SettlType (63)	M1 (FIX representation of the 1M tenor)
ExDestination	ExDestination (100)	103 (SEF)
MarketSegmentID	MarketSegmentID (1300)	101 (Regular)
MDSUBBookType	OrderBook (30001)	1 (Matching)

## 4.3 TRADING WEEK

For Spot and Swap products, the trading hours should remain the same or similar. Full details on these will be published later. For Cleared NDFs, the trading hours will be linked to the trading hours of the LCH with some small differences.

### 4.3.1 Cleared NDFs

The trading session will start at 5pm New York time on Sunday and close at 5pm New York time on Friday. In the future the venue will align with LCH ForexClear open at which point Trades occurring on Sunday will have a TradeDate as of the Monday.

There is no daily restart or maintenance window, however, there is a millisecond granular system pause where trading may be momentarily unavailable around date roll. This will occur on Monday, Tuesday, Wednesday and Thursday End of Day. After date roll, the TradeDate will change to the next day. The date roll will be at 5pm New York time, consistent with the industry standard.

The venue will be closed on Christmas Day, New Year's Day and Good Friday (as LCH ForexClear non-business days) from date roll to date roll - which will be 5pm New York time of the prior day to 5pm New York time.

Value date relating to public holidays will remain consistent with common industry standards. The maintenance window occurs at the weekend where the system is offline.

### 4.3.2 Instrument Trading Status

The main change is that trading state will be communicated at an instrument level rather than a Market level.

On Refinitiv MAPI, Notifications in 35=CB contain:

- EOTW/SOTW to indicate a countdown to beginning and end of the week.
- MTM:0/1 would be used to indicate the Market Status.

These messages will no longer be sent.

In LSEG FX, this will be communicated per security in the SecurityTradingStatus tag on the SecurityStatus message as follows:

Value	Meaning	Possible Actions
2	Halt	Cancel
17	Regular Trading	New,Amend,Cancel
26	Post-Close	Cancel
100	Pre-Trading	Cancel
111	Pause	None
199	No Active Session	None

## 4.4 MATCHING PROCESSES

### 4.4.1 Randomisation

#### 4.4.1.1 Buffer Mode Randomisation

Buffer Mode Randomisation on LSEG FX Venues will be comparable to the existing randomisation on MAPI. Cancellations during the randomisation will still be queued and processed or rejected with "Order not found (too late to cancel or unknown order)" in the case that the order has already matched after the randomisation cycle.

- No amendments are possible (same as MAPI).
- Market Maker and Taker races follow the same logic as MAPI.

#### 4.4.1.2 No Delay Mode Randomisation

Currently this is not planned to be switched on at NDF launch but below highlights the changes.

It will apply to Maker orders only. Taker orders will follow the same logic as Buffer mode.

Orders at the same price and side will be placed immediately on the book without applying any randomisation.

Each order will be allocated into a batch depending on the order entry time.

The orders in each batch will enter a randomisation race at the time of execution.

#### 4.4.2 MQL

MQL – Minimum Quote Life is the minimum amount of time an order must be open until it is cancelled.

On Refinitiv MAPI, if a cancellation is submitted during MQL it is rejected. It is then the client's responsibility to submit a further cancellation if required.

On LSEG FX cancellations will be queued until the MQL is expired. The cancellation will then be sent to venue and either processed or rejected with "Order not found (too late to cancel or unknown order)" in the case that the order has already matched. If a Pending Cancel is in the queue, subsequent cancellation requests will be rejected.

#### 4.4.3 Amendments

The LSEG FX API supports amendments. However, if randomisation is enabled it will not be possible to submit amendments. Cleared NDFs will be subject to randomisation and therefore amendments will not be possible.

In the event amendments are permitted during the MQL period, they will be queued and executed when the MQL has expired.

#### 4.4.4 Venue Credit Check Vs Client Credit Check Processes

Venue Credit Check is the equivalent of a Hard Match in MAPI.

Client Credit Check is the equivalent of a Soft Match in MAPI.

A match resulting in a venue credit check is absolute and non-negotiable. They occur immediately after a match on instruments set-up for the venue to perform the credit check.

A match resulting in a client credit check is where a match is identified as a possible match but the two parties involved need to check their credit before confirming a trade.

On Refinitiv MAPI it is only possible to have the equivalent venue credit check process on Spot instruments and client credit check on Swap instruments.

On LSEG FX venues it will be possible to set up credit configuration for venue credit checks on Spot and NDF matches. It will also be possible to permit Swaps to have the venue credit checks.

If both counterparties in a match permit the Venue to perform the credit checks for each other, the Venue Credit Check process can occur for a Swap.

If one counterparty is set-up for Client Credit Check and another is set-up for the Venue Credit Check, then it's possible to have a hybrid process where one side checks their own Credit and the other side allows the venue to check.

The Client Checks Credit process can only occur on Swaps. The business function is to allow a participant to make their own credit check rather than uploading limits to the LSEG FX Credit system. It will no longer be possible to change the leg quantities independently during the Client Credit Check process...

In addition to the responses MAPI allows on the Client Credit Check process – such as Accept/Reject/Counter (where there is a requirement to reduce the quantity), there will be a new response of 'Credit Checking' to allow participants to ensure they have enough credit to proceed.

#### 4.4.5 Work-Up

In Refinitiv MAPI, if certain conditions are met and the full amount of the orders at a price point match, then a participant involved in the match can propose an order amount greater than that of the initial match.

This is also known in the current system as “Upping the Quantity”.

In LSEG FX venues, this process will be replaced by Work-Up.

If a Client Credit Check workflow results in an execution of all orders at a single price point and the instrument and counterparties are eligible, a separate workflow called Work-Up can be triggered.

The Work-Up process is linked to the original match but is treated as a separate trade flow.

If an initial match executes at Qty = 100 and Px = 0.003 and it is eligible for Work-Up after completion. A customer can send a new message to indicate they want to perform a second Client Credit Check workflow at Qty = 50 at the same price.

The customers will have the ability to check credit on both sides and then determine if they want to proceed.

If executed, this will be a separate trade to the initial match.

# Chapter 5 Order Types & Entry Attributes Changes

## 5.1 COMMON CHANGES ACROSS MULTIPLE MESSAGE TYPES

Across all messages the key changes will be related to the PartyID block and the instrument ID and trade Date.

### 5.1.1 Party Changes

LSEG FX uses the PartyRole and ID structure in the below examples.

Party Details	Refinitiv MAPI	LSEG FX Mapping
User ID	Party Role (452) = 13 (Order originating firm) PartySubID (523) = TRADER1 PartySubIDType(524) = (2) Person	Party Role (452) = 53 Trader Mnemonic PartyID (448) = TRADER1
Trade Code	Party Role (452) = 13 (Order originating firm) PartySubID (523) = ABCD PartySubIDType(524) = (25) LocationDesk	Party Role (452) = 59 (Order Originating Trade Code) PartyID (448) = ABCD
CounterParty of Trade	Party Role (452) = 56 (Acceptable Counterparty) PartySubID (523) = OTHER_TC PartySubIDType(524) = (25) LocationDesk	Party Role (452) = 56 (Acceptable Counterparty) Party Role (448) = OTHER_TC

### 5.1.2 Symbol/instrument Identifier

Please see section [4.2 Symbology and Instrument Derivation](#) for more details on this.

### 5.1.3 TradeDate

On Refinitiv MAPI the Trade Date reflects the actual date in UTC that the trade occurred regardless of whether the Date Roll has happened.

For example, if a trade occurred at 18:03:22 NY time on 09/11/2022 then the trade date would be 20221109

In LSEG FX venues, the TradeDate adheres to the industry practice where Trade Date changes to the next day on date roll.

(Except on Sunday, the TradeDate will set as Monday. On Friday, any trade occurring after traditional date roll will still have a trade date of Friday).

Using the same example as above, if a trade occurred at 18:03:22 NY time on 09/11/2022 then the trade date would be 20221110.

### 5.1.4 TransactTime

TransactTime is in Tag 60 on the Fix Message.

This field provides the transaction date and time in UTC. This can be used in lieu of the MAPI TradeDate field where a UTC date is required.

### 5.1.5 Client Order IDs (COrdID)

It will no longer be possible to enter duplicate COrdID over a trading week on a single session.

Currently, the ID is a string and is unique per user, per instrument, per trading week. The uniqueness of this value is NOT validated by Refinitiv MAPI.

On LSEG FX then this value will be validated and rejected if the ClOrdID is duplicated on the same trading session in the same trading week.

For example, if a client uses a ClOrdID = 123#ABC on a Monday, they can't reuse this until the following trading week.

Duplicate ClOrdIDs will be rejected.

## 5.2 MESSAGE TYPES

### 5.2.1 New Order Single (Nos)

NewOrderSingle (35=D) will only be used for single leg instruments. Spot orders will continue to use this message type. NDFs will also be submitted with this message type. See below for New Order – Multileg which will be used for Swaps.

Changes affecting all messages are covered in section 5.1.

### 5.2.2 New Order MultiLeg (NoML)

NewOrderMultiLeg (35=AB) will be introduced for Swaps trading. It allows the definition of each leg within a swap.

The main difference is the information contained within each leg as follows:

Equivalent Trading FIX Tags for Order Entry	Tag Value
NoLegs(555)	2
LegID (1788)	1 (Near Leg)
LegSettlType (587)	The multileg equivalent of SettlType for the first leg.
LegID (1788)	2 (Far Leg)
LegSettlType (587)	The multileg equivalent of SettlType for the second leg.

The legs should be in value date sequence, i.e. spot should be the second leg for Tomorrow Next (TOM v Spot) and Cash Spot (TOD v Spot) swaps.

It will be possible to specify whether the order is disabled from Work-Up:

Workup (38004) = 0 (Disabled)

### 5.2.3 Execution Report (ER)

This section gives a high level of some of the changes to the ER over and above those in the Common Changes section.

#### 5.2.3.1 Key Field Changes in ER

FieldName	Tag	Added	Removed
Exec Type	150	Pending New (A) - In the event a new order is queued on entry. Expired (C) – For when an order goes past the TIF Trade Correct (G) - If trade is subsequently corrected Trade Cancel (H) - If trade is subsequently cancelled	Suspended (9) Triggered or Activated by System [Release] (L)



FieldName	Tag	Added	Removed
Exec Restatement Reason	378	<p>This gets sent on unsolicited cancel messages to give a reason for the cancellation. This is only sent when ExecType = D. 8 = Market Option Will be used when cancellation is from Market Operations. 39 = Expired Will be used to replace both 12 = Cancel on trading loss and 13 = cancel on logout 103 = Order Cancellation due to Insufficient Credit Will replace 99=Other</p> <hr/> <p><b>NOTE</b> Cancel on Trading Halt won't be available as orders aren't cancelled on a Trading Halt on LSEG FX</p> <hr/> <p>104 = Prime Broker Kill Switch/Inhibition Initiated 105 = Order Cancellation due to reposition ineligibility/timeout.</p>	<p>This gets sent on unsolicited cancel messages to give a reason for the cancellation. 6 = Cancel on Trading halt 12 = Cancel on Trading Loss 13 = Cancel on Logout Only when ExecType=D 99=Other</p>
OrdStatus	39	A = Pending New	<p>6 = Pending Cancel 9 = Suspended E = Pending Replace</p>

### 5.2.3.2 No Remaining Credit Information

- The ER will no longer contain any remaining credit information.
- The LimitAmt Block will no longer be sent:
  - Fix Tags 1630 to 1634 will be removed.

### PrimeBrokers (PB) will not receive ERs relating to their PBCs Prime Broker Clients

- PBs will no longer receive ERs for their Prime Broker Clients.
- They will need to get the equivalent information in the TradeCapture Report (TCR) via the Post Trade API

### 5.2.3.3 Identifiers on ER

Refinitiv MAPI	LSEG FX	Comments	LSEG FX TCR Equivalent
Account(1)	Account(1)	Will be reduced in length from 50 to 10.	Account(1)
OrdID(37)	OrdID(37)	The system will still generate this ID but it will be changed in type and length. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 13 Characters.	OrdID(37)

Refinitiv MAPI	LSEG FX	Comments	LSEG FX TCR Equivalent
ClOrdID(11)	ClOrdID(11)	As in section above, ClOrdIDs are dated and can't be duplicated across a trading week per session. It will be reduced in length from 255 to 25	ClOrdID(11)
ExecID(17) – generated for a single event.	ExecID(17) – generated per execution report	In Refinitiv, the execID could be the same across all messages relating to single event such as a user logout. In LSEG FX this will be unique per report.	na
SecondaryExecutionID (527)	TrdMatchSubID(1891)	The ID is an integer and is unique per event. Matches occurring as the result of the same event (e.g all matches occurring as the result of an aggressing order) will have the same TrdMatchID.  Will move from Numeric to AlphaNumeric. Length will be 11 Characters.	TradeLinkID (820)
TrdMatchID(880)	TrdMatchID(880)	This will be visible across both counterparties but will be unique per match. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 12 Characters.	TradeID (1003)

## 5.2.4 Trade Capture Report

Trade Capture Reports can only be received on the Post Trade Gateway. They will not be sent on the Trading Sessions.

Further low level details will be published in the API section when available.

### 5.2.4.1 Key Changes in TCR Types

FieldName	Tag	Added	Removed
Exec Type	150	Trade Correct (G) Trade Cancel (H)	Not applicable
TradeReport TransType	487	Cancel (1) Replace (2) Release (3) Publish (4)	

### 5.2.4.2 No Remaining Credit Information

The TCR will no longer contain any remaining credit information.

- The TCR will no longer contain any remaining credit information.
- The LimitAmt Block will no longer be sent:
  - Fix Tags 1630 to 1634 will be removed.

### 5.2.4.3 Identifiers

Refinitiv MAPI	LSEG FX	Comments	LSEG FX ER Equivalent
Account(1)	Account(1)	Will be reduced in length f50 to 10.	Account(1)
OrdID(37)	OrdID(37)	The system will still generate this ID but it will be changed in type and length. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 13 Characters.	OrdID(37)
CIOrdID(11)	CIOrdID(11)	As in section above, CIOrdIDs are validated and can't be duplicated across a trading week per session. It will be reduced in length from 255 to 25.	CIOrdID(11)
TradeID(1003)	TradeLinkID(820)	The ID is an integer and is unique per event. Matches occurring as the result of the same event (e.g. all matches occurring as the result of an aggressing order) will have the same TrdMatchID Will move from Numeric to AlphaNumeric. Length will be 11 Characters	TrdMatchSubID(1891)
TrdMatchID(880)	TradeID(1003)	This will be visible across both counterparties but will be unique per match. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 12 Characters.	TrdMatchID(880)

### 5.2.5 Mass Action Request

In Refinitiv MAPI, users can cancel orders only submitted by themselves.

In LSEG FX, the submitting user will be able to submit a mass cancel request for all open orders within the same Trade Code. It is still possible to only cancel per user or per session but care must be taken to only cancel specific orders and not all orders.

### 5.2.6 Party Action Report

The PartyAction request 35=DI will replace the 35=U3 message on the Refinitiv MAPI.

It will contain information for a PBC in the event they have been inhibited or re-enabled.

It will contain details on the MOS (maximum order size) and MOOPI (Maximum open orders per instrument) available to a PBC.

## 5.3 ORDER TYPES

### 5.3.1 Removed Order Types

**More Quantity** – will be removed.

**Locked Orders** – will be removed

### 5.3.2 New Order Types

Discretionary Order will be added as a later enhancement.

### 5.3.3 Order Summary on LSEG FX Venues

Discretionary, Mid and Pegged Orders will not be available for NDF launch.

	Limit	Iceberg	Discretionary	Mid	Pegged	Work-Up	Reserved	Market
Spot Matching	Y	Y	Y	Y	Y			
Forward Matching	Y	Y				Y		
NDF Matching	Y	Y	Y	Y	Y			
ECN	Y	Y	Y	Y	Y		Y	
RFS	Y		Y	Y				Y

## 5.4 TIME IN FORCE

### 5.4.1 Removed TIF

Good for Time (GFT) – will be removed but can be replicated using GTD

### 5.4.2 New TIF

LSEG FX will support all Existing Time in Force (TIF) with the exception of Good For Time which will be removed.

The new supported TIFs are below.

Time in Force (Tag 59)	Tag Meaning	Description
3	Good Till Cancel (GTC)	This order is valid unless the order is cancelled or fully matched. This means that it won't get cancelled at the end of the week and can remain active across a maintenance window. This is not possible on Legacy Refinitiv as all orders are cancelled at the end of the week.
W	Good For Week	The order is valid unless the order is cancelled, fully matched or reaches the end of the trading week when it is cancelled.

#### NOTE

Day (0), Immediate or Cancel (IOC), Good Till Date (GTD) will continue to be supported.

### 5.4.3 TIF Summary on LSEG FX

The availability of the TIFs per LSEG FX venue is shown below.

	Day	GTC	GFW	GTD	GTT	IOC
Spot Matching	Y	Y	Y	Y	Y	Y
Forward Matching	Y				Y	Y
NDF Matching	Y				Y	Y
ECN	Y	Y	Y	Y	Y	Y
RFS	Y	Y	Y	Y	Y	Y

#### NOTE

On the FIX API, it is not possible to explicitly enter an order as Good Till Time (GTT). It must be entered as a GTD with the expiry falling within the same trade date.

A GTD TIF expiring before the next date roll is translated to as a GTT (Good Till Time) on the Matching Engine.

### 5.4.4 Max Order Duration

#### 5.4.4.1 Max Order Duration on NDF Matching

All orders for NDF Matching will only be valid for the same TradeDate. Any attempt to submit an order with a TIF at or beyond the date roll will be rejected. A GTD order must have an expiry before the date roll.

GTC and Day orders will expire at date roll.

## 5.5 ORDER VALIDATION

### 5.5.1 Data Dictionary

The data dictionary in use by LSEG FX venues is less expansive than the Refinitiv MAPI.

If additional fields are sent in messages that are not in the dictionary the message will be rejected.

### 5.5.2 Throttling

In the Refinitiv MAPI there is a Global Throttle limit. If this changes there is a message informing of the change. (35=CB Notification Message – GTRC - GTRC:<n>:<m>).

This update message will not be present in LSEG FX Trading API. In some rare cases (due to excessive market activity) it may be required to dynamically regulate the inbound order entries across all transactions and applied to all users.

When invoked, notification is sent on the Security Status that an instrument is not available or halted.

In the event that an instrument is halted, any open orders will remain in the market.

A participant must explicitly cancel their orders should they wish to remove them. Cancellation is possible during a halt.

Throttling will be managed at a FIX connection level with the new LSEG FX Trading API for Matching.

### 5.5.3 MOS – Maximum Order Size

As per the description in the PartyActionReport section, limits can be set for maximum order size for a PBC and/or the PB's own orders.

If this is exceeded an order will be rejected.

See section 5.8 Credit API Changes information on how this is changing.

**5.5.4 MOOPI – Maximum Open Orders Per Instrument.**

As per the description in the PartyActionReport section, limits can be set for maximum number of open orders per instrument per PBC or PBs own Orders

If this is exceeded an order will be rejected.

See section 5.8 Credit API Changes information on how this is changing.

**5.6 SESSIONS**

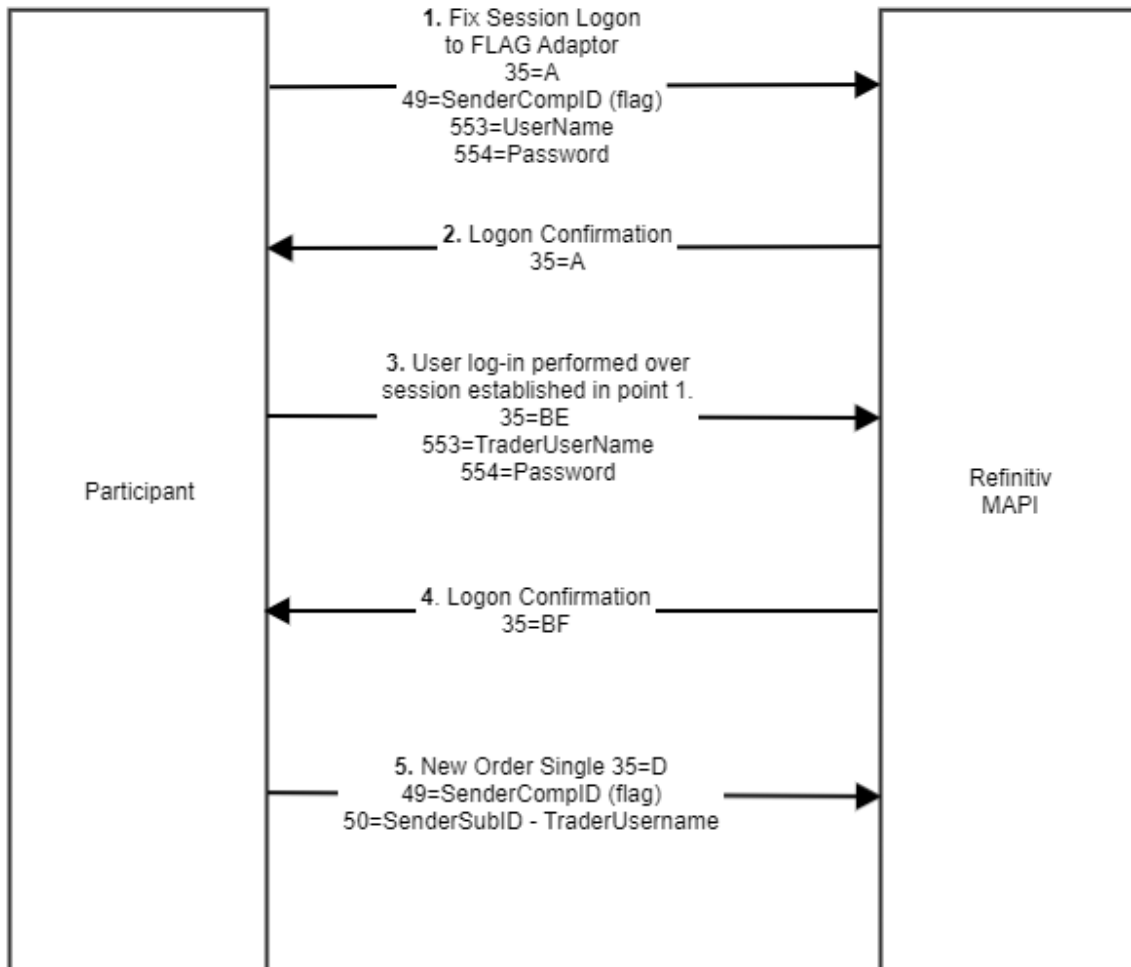
**5.6.1 Logon**

In Refinitiv MAPI to establish a session for both Post Trade and Trading, a Participant needs:

- COMPID = Fix Tag 49
- FixSessionUserID or UserName = Fix Tag 553
- Password = Fix Tag 554

Individual trader log-ins are needed.

The flow is as below.



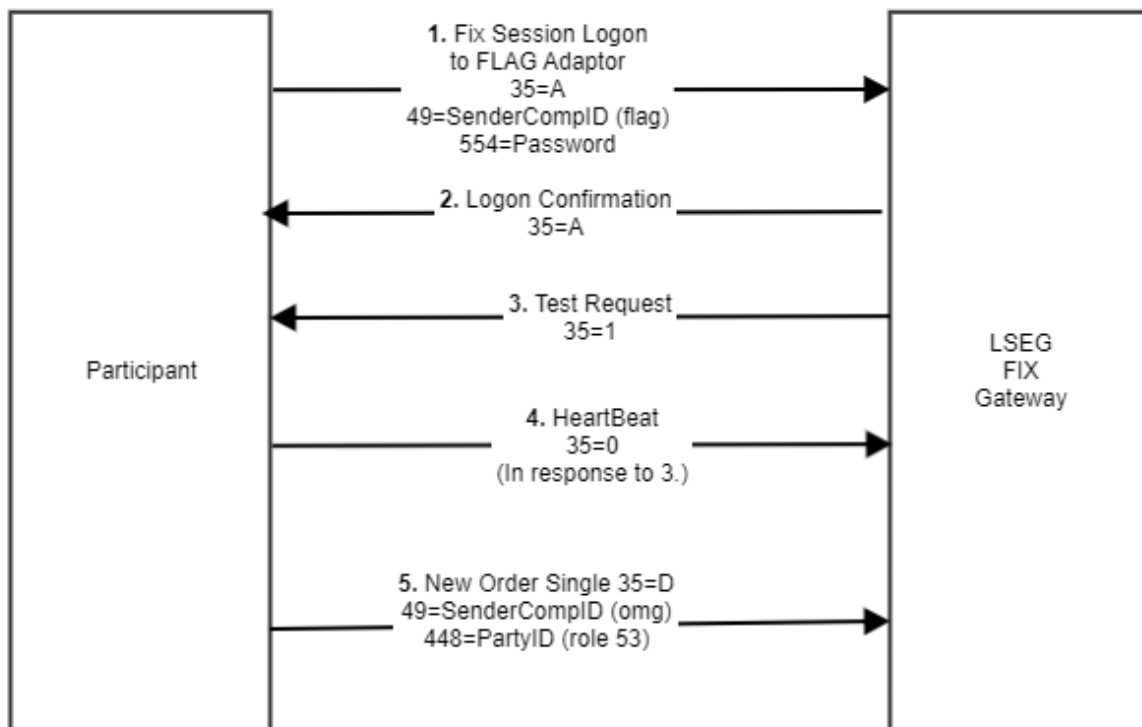
### 5.6.1.1 LSEG FX Trading Session Logon

The concept on the LSEG FX side is that each trader is included in the party block and the authentication is at the COMPID level as below.

The 35=BE and 35=BF messages will no longer be possible.

There will be designated IP Addresses and Ports to connect to the trading gateway. The other APIs will have separate Users/IP addresses and Ports to Connect to.

In response to a Client Logon(A) request, the server, in addition to the Logon(A) message sends a Test(1) request. Only in receipt of a response to this request via a HeartBeat(0) message will the server send responses to instructions. It is recommended that client does not send any instructions until the after sending this HeartBeat(0) response.



CompIDs only (no FixTrading Login)

There will be no Trader login. 35=BE/BF will go away. Trader information will be contained within the party block 448. 53 – Trader. If trader is invalid, orders will be rejected.

### 5.6.1.2 LSEG FX Post Trading Session Logon

Although this will be an independent session from Trading, the log-in process in Steps 1 to 4 above are the same.

A participant connection will be configured by the trading venue to be eligible to receive all its trades. The connection of a service bureau will be configured to be eligible to receive the trades for all the firms it serves. If required, a firm or service bureau connection could be configured to only be eligible to receive trades for selected criteria such as trading sessions, firms or instruments. Each connection will be configured as either a real-time client or a query-based client or both.

## 5.6.2 Session Resets/Recovery

Refinitiv MAPI uses the NextExpectedMsgSeqNum(789) feature of the FIX Protocol in order to detect and recover gaps in sequence numbers automatically on detecting a gap. This tag will be removed when migrating to LSEG FX APIs.

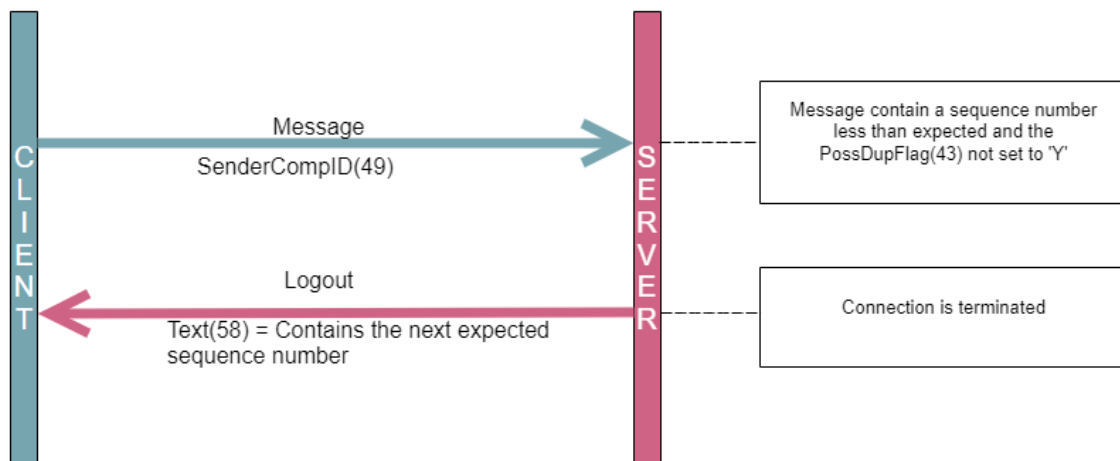
IN LSEG FX APIs on detecting a gap in sequence numbers a sequence reset message or a resend request must be used.

As outlined in the FIXT protocol, the client and server will each maintain a separate and independent set of incoming and outgoing message sequence numbers. Sequence numbers should be initialised to 1 (one) at the start of the FIX session and be incremented throughout the session.

The system will maintain the FIX sessions throughout the trading session (trading week) and will not automatically disconnect and reset FIX sessions at the date rollover event. It is expected that the clients will manually logout and re-login if clients wish to reset the FIX sessions.

Monitoring sequence numbers will enable parties to identify and react to missed messages and to gracefully synchronise applications when reconnecting during a FIX session.

Following diagram illustrates the resulting event flow if any message sent by the client contains a sequence number that is less than what is expected and the PossDupFlag (43) is not set to "Y".



If the server receives a message that cannot be processed (malformed message) it will not respond to that message and will not increment the sequence number maintained. In such a scenario, when the next readable message is received by the server it will detect a sequence gap between the client and server. The server will send a *Resend Request* to the client requesting for messages from the sequence number the server is maintaining. If the client does not correct the malformed message to a readable one, the above event model will be repeated until there is no sequence gap.

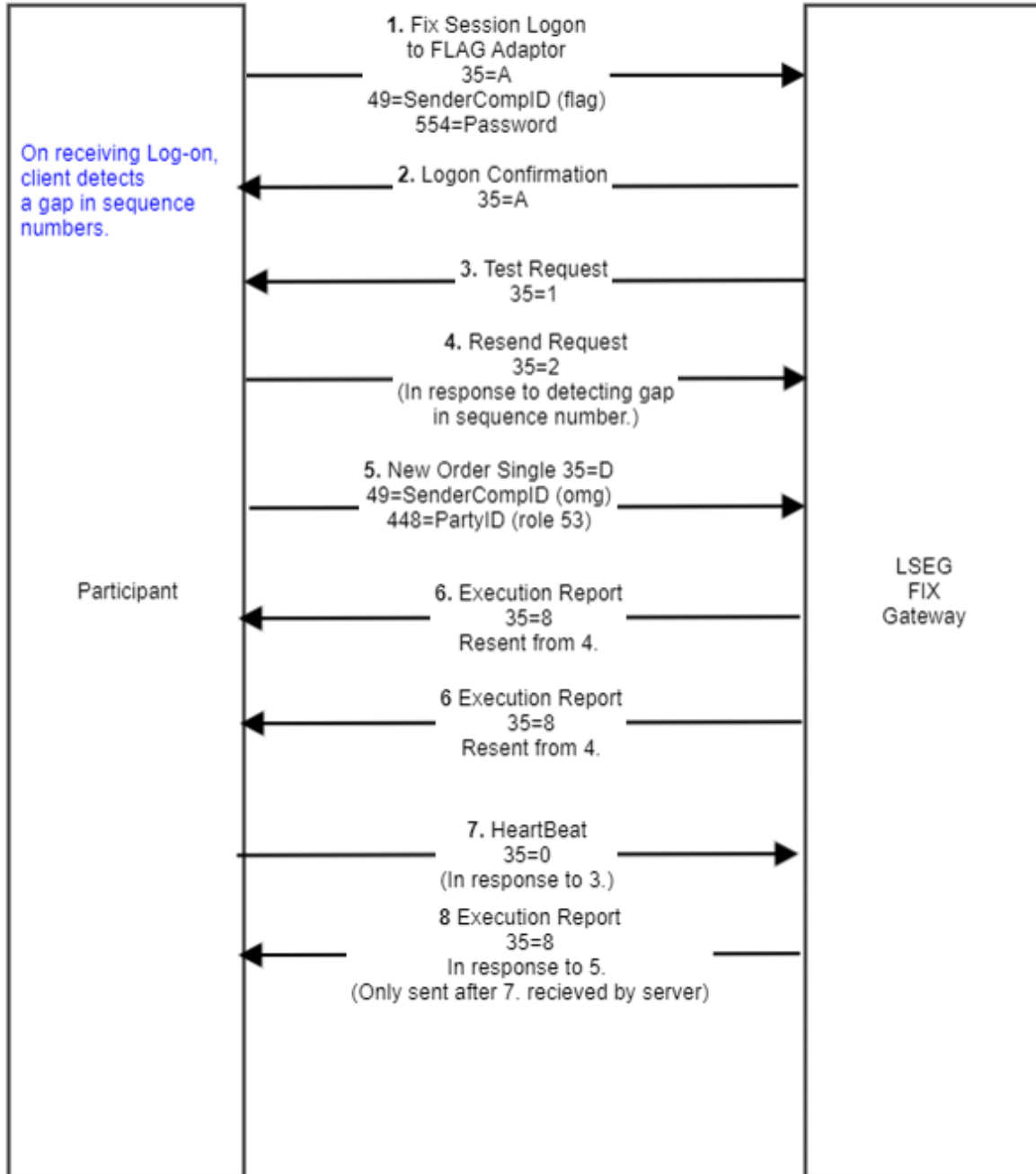
A FIX session will not continue to the next trading session (trading week). The server will initialise its sequence numbers at the start of each trading week. The client is expected to employ the same logic.



**5.6.2.1 Log-in Process including Recovery**

In section 5.6.1.1 it describes how the Log-in process works when both client and server are in sync. Below shows how the log-in process would work if a gap in the sequence numbers is detected.

Again note that the HeartBeat(0) response to the initial Test(1) request is required before receiving ongoing responses.



### 5.6.3 Cancel on Disconnect

In Refinitiv MAPI all sessions are configured with cancel on disconnect (CoD). This cancels all open orders relating to that session.

In LSEG FX API the sessions can be configured with:

- Cancel on Disconnect  
And/or
- Cancel on Logout

Each one of these can be set to:

- Yes – cancel ALL open orders.
- No – Don't cancel any orders.
- Yes (Exclude GTD/GTC) – Cancel all orders except Good Till Date and Good Till Cancel.

#### NOTE

It is recommended that any open orders subject to cancel on disconnect/logout be explicitly cancelled prior disconnecting/logout where possible. On LSEG FX there can be a sub-millisecond delay between the session disconnection and cancellation.

## 5.7 DEPRECATED CREDIT/PB RELATED FUNCTIONALITY

Summary	Refinitiv MAPI	LSEG FX
DOMCAD related functionality to be deprecated.	If a PB has the DOMCAD set to "True" then a Credit Administrator must be logged in to Enable trading. The 35=U3 message will confirm if this setting is True or False. In addition it will confirm if there has been an enablement or disablement of a PBC due to an administrator log-in/log-out.	DOMCAD related functionality will be deprecated. The following tags will not be sent: DOMCAD (Tag 20006) CreditAdminStatus (20011)
Special Ticket User – STU	A STU is required to be logged in on the PB in order for a PBC to be able to trade	STU related functionality will be removed.

#### NOTE

Prime Brokers will be expected to migrate to the new API.

## 5.8 CREDIT API CHANGES

This section covers the functionality available to inhibit/release and set trading controls previous done on messages 35=DH and 35=U1.

Users will need to Connect and Log-in to the Credit Rest API using a valid token.

They can then use the REST API to send in the instructions previously sent in the 35=U1 message.

More information on the REST API will be available.

Function	Refinitiv MAPI	LSEG FX
Inhibit	35=DH PartyActionType (2329) = 0 (Inhibit)	<a href="https://**/v1/trading-controls/prime-broker/kill-switches">https://**/v1/trading-controls/prime-broker/kill-switches</a> POST REST API CALL Submit Instigate Kill Switch with Auto Release = YES
Disable	35=DH PartyActionType (2329) = 1 (Disable)	<a href="https://**/v1/trading-controls/prime-broker/kill-switches">https://**/v1/trading-controls/prime-broker/kill-switches</a> POST REST API CALL Submit Instigate Kill Switch with Auto Release = NO
Release	35=DH PartyActionType (2329) = 2 (Release)	<a href="https://**/v1/trading-controls/prime-broker/kill-switches">https://**/v1/trading-controls/prime-broker/kill-switches</a> PUT REST API CALL Identify Kill Switch
Set Max Order Size	35=U1	<a href="https://**/v1/trading-controls/order/limits">https://**/v1/trading-controls/order/limits</a> REST API CALL
Set Max Open Orders Per Instrument	35=U1	<a href="https://**/v1/trading-controls/order/limits">https://**/v1/trading-controls/order/limits</a> REST API CALL

### NOTE

PBCs will receive information on these from the Trading API on the 35=DI Party Action Request.

# Chapter 6 FIX Message Comparison

## 6.1 HEADER/TRAILER

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
<b>Message Header</b>				
8	BeginString	Y	Y	No Changes
9	BodyLength	Y	Y	No Changes
35	MsgType	Y	Y	No Changes
34	MsgSeqNum	Y	Y	No Changes
49	SenderCompID	Y	Y	No Changes
56	TargetCompID	Y	Y	No Changes
50	SenderSubID	Y	N	SenderSubID will no longer be used. The Party Role block used in messages will supersede this.
142	SenderLocationID	Y	N	Deprecated in LSEG FX
57	TargetSubID	Y	N	Tag removed in LSEG FX
90	SecureDataLen	Y	N	Deprecated in LSEG FX. Including will result in a rejection.
91	SecureData	Y	N	Deprecated in LSEG FX. Including will result in a rejection.
43	PossDupFlag	Y	Y	Whether the message was previously transmitted under the same MsgSeqNum (34). Absence of this field is interpreted as Original Transmission (N).  Y - Possible Duplicated N - Original Transmission.
97	PossResend	Y	Y	Whether the message was previously transmitted under a different MsgSeqNum (34). Absence of this field is interpreted as Original Transmission (N).  Y - Possible Resend N - Original Transmission
52	SendingTime	Y	Y	Time the message was transmitted.
122	OrigSendingTime	Y	Y	Time the message was originally transmitted. If the original time is not available, this should be the same value as SendingTime (52). Required if PossDupFlag (43) is Possible Duplicate (Y).
1128	AppVerID	Y	Y	No Change: Version of FIX used in the message. Required if the message is generated by the server. 9 - FIX50SP2
<b>Message Trailer</b>				
10	Checksum	Y	Y	The checksum of the message.

## 6.2 LOGON (35=A)

Please see section 5.6.1 [Logon](#) for further description on Logging in and out.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=A
98	EncryptMethod	Y	Y	
108	HeartBtInt	Y	Y	
141	ResetSeqNum	Y	Y	In MAPI, this must always be N. In LSEG FX, it is possible to reset the sequence numbers using the Y Flag.
789	NextExpectedMsgSeqNum	Y	N	Not used in LSEG FX. The MsgSeqNum will be used to determine if there are any missed messages.
554	Password	Y	Y	
925	NewPassword	Y	Y	
1409	SessionStatus	Y	Y	Used on Response from Server. There are 2 additional states that can be reported. 2 and 3.  Status of the FIX session. Required if the message is generated by the server.  0 - Session Active 2 - Password Due to Expire 3 - New session password does not comply with policy
1137	DefaultAppVerID	Y	Y	
1407	DefaultAppExtID	Y	N	Not used in LSEG
58	Text	Y	N	In MAPI, this is used on the response from the server and could contain RFA token. This isn't used in LSEG FX and hence not sent.

## 6.3 LOGOUT(35=5)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=5
1409	SessionStatus	N	Y	Status of the FIX session. Required if the message is generated by the server.  4 - Session logout complete 6 - Account locked 7 - Logons are not allowed at this time 8 - Password expired 100 - Other 101 - Logout due to session level failure 102 - Logout by market operations 104 - Application not available
58	Text	Y	Y	This field will contain the next expected sequence number as well as the received sequence number if the server terminated the connection after receiving a sequence number that was less than what was expected.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				In other cases the field will contain the reason for the logout.

## 6.4 OTHER ADMIN MESSAGES

For Test (35=1), HeartBeat (35=0) and Resend (35=2) there is no significant change.

### 6.4.1 Sequence Reset

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=4
36	NewSeqNo	Y	Y	Sequence number of the next message to be transmitted.
123	GapFillFlag	N	Y	Mode in which the message is being used. Absence of this field is interpreted as Sequence Reset (N). Y - Gap Fill N - Sequence Reset

### 6.4.2 Reject (35=3)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=3
45	RefSeqNum	Y	Y	
371	RefTagID	Y	Y	
372	RefMsgType	Y	Y	
373	SessionReject Reason	Y	Y	There will be changes in the Reject reasons. These will be published at a later date.
58	Text	Y	Y	There will be changes in the Reject reasons. These will be published at a later date.

## 6.5 NEW ORDER SINGLE (35=D)

Will be used for entering FXSPOT and FXNDF instruments.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=D
11	ClOrdID	Y	Y	ClOrdID reduced in length. Uniqueness of ClOrdID is enforced.
1	Account	Y	Y	
60	TransactTime	Y	Y	UTC timestamp of message creation

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
59	Time In Force	Y	Y	<b>Added in LSEG FX:</b> GTC (Good Till Cancel) Added GFW (Good For Week) Added  Removed in LSEG FX: GFT (Good for Time) Removed  Other TIFs will remain in place
126	Expire Time	Y	Y	None
1629	ExposureDuration	Y	N	As GFTs are no longer supported this field won't be used
2593	NoOrderAttributes	Y	Y	None
2594	OrderAttributeType	Y	Y	None
2595	OrderAttributeValue	Y	Y	None
167	SecurityType	Y	Y	FXNDF will be added FXSWAP won't be used on NewOrderSingle. (See NewOrderMultiLeg)
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
63	SettlType	N	Y	For Spot Instruments, i.e. when SecurityType = FXSPOT, the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair)  0 Spot Settlement (T+1 or T+2 depending on the currency) 1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 9 - T+5  The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
15	Currency	Y	N	This field will no longer be used.
54	Side	Y	Y	No Change
40	OrdType	Y	Y	No Change
38	OrderQty	Y	Y	No Change
231	ContractMultiplier	Y	N	This field will no longer be used.
854	QtyType	Y	N	This field will no longer be used.
1138	DisplayQty	Y	N	More Qty orders are not supported so this is deprecated.
44	Price	Y	Y	Required for Limit Orders
847	TargetStrategy	Y	Y	Required for Iceberg Orders
957	NoStrategyParameters	Y	Y	No Change
960	StrategyParameterValue	Y	Y	No Change  T - Tip Specification Type Qmin - Minimum Random Tip Qmax - Maximum Random Tip Q1 - 1st Tip Q2 - 2nd Tip Q3 - 3rd Tip D - Delay
958	StrategyParameterName	Y	Y	Only change in DelayID Enumerations  R - Random D - Defined <Quantity Value> - Iceberg Replenish Size <Delay ID> - The ID number of the chosen delay range. The delays will be slightly different from MAPI. - R1 = 200-100ms (in MAPI it was 250ms-1000ms) - R2 and R3 will remain the same
1028	ManualOrderIndicator	Y	N	Replaced by Party Role Block - 2376 = 24 (Natural Person)
5007	LockedStatus	Y	N	No longer supported
31344	TR_TradingCapacity	Y	N	No longer supported
31345	TR_Npft	Y	N	No longer supported
453	NoPartyIDs	N	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker)
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified.  4 - Clearing Member Trade Code 53 - Trading Mnemonic/Order



TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				Origination Trader ID 79 - Prime Broker Trade Code It is mandatory to have Trading Mnemonic/Order Origination Trader ID (53).
2376	PartyRoleQualifier	N	Y	Required only if Party Role (452) is set to 53, and if not specified will be defaulted to Algorithm (22). If specified when the Party Role (452) is set to any other value other than 53 the field will be ignored.  22 - Algorithm 24 - Natural Person
388	DiscretionaryInst	N	Y	Indicates the price to which the discretion offset applies.  0 - Related to displayed price Absence of this field when the DiscretionOffsetValue (388) is specified is interpreted as Related to displayed price (0)
389	DiscretionaryOffsetValue	N	Y	Non-zero amount (signed) added to the "related to" price specified via DiscretionInst (388). Conditionally required if DiscretionInst (388) is specified
855	SecondaryTrdType	N	Y	Indicates that the order is a benchmark transaction according to ESMA's RTS 2 regulations.  64 - Benchmark
528	OrderCapacity	N	Y	Capacity of the order.  If not provided, the server will apply the capacity based on the regulatory regime. As such for MTF and SEF capacity will be defaulted to P (Deal/Principle). A Capacity will not be applied regulatory regimes if not provided.  (Agency) applicable for instruments traded in Non-MTF regulatory regime  A - Agency P - Principal /DEAL

## 6.6 NEW ORDER MULTILEG (35=AB)

Will be used to enter orders for FXSWAP instruments.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=AB
11	ClOrdID	Y	Y	ClOrdID reduced in length.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				Uniqueness of ClOrdID is enforced.
1	Account	Y	Y	No Change
60	TransactTime	Y	Y	UTC timestamp of message creation
59	Time In Force	Y	Y	GFT (Good for Time) Removed GTC (Good Till Cancel) Added GFW (Good For Week) Added  Other TIFs will remain in place
126	Expire Time	Y	Y	None
1629	ExposureDuration	Y	N	As GFTs are no longer supported this field won't be used
2593	NoOrderAttributes	Y	Y	No Change
2594	OrderAttributeType	Y	Y	No Change
2595	OrderAttributeValue	Y	Y	No Change
167	SecurityType	Y	Y	FXSWAP (FXSPOT/FXNDF will be on NewOrderSingle)
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in this message or NewOrderSingle
555	No Legs	N	Y	Number of Instrument Leg Repeating Group. For FXSWAPS, this will always be 2.
1788	LegID	N	Y	Unique identifier for the leg within the context of a message  Leg1 - Near Leg Leg2 - Far Leg
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
15	Currency	Y	N	This field will no longer be used.
54	Side	Y	Y	No Change
40	OrdType	Y	Y	No Change
38	OrderQty	Y	Y	No Change
231	ContractMultiplier	Y	N	This field will no longer be used.
854	QtyType	Y	N	This field will no longer be used.
1138	DisplayQty	Y	N	More Qty orders are not supported so this is deprecated.
44	Price	Y	Y	Required for Limit Orders
847	TargetStrategy	Y	Y	Required for IceBerg Orders
957	NoStrategyParameters	Y	Y	No Change
960	StrategyParameterValue	Y	Y	No Change  T - Tip Specification Type Qmin - Minimum Random Tip Qmax - Maximum Random Tip Q1 - 1st Tip Q2 - 2nd Tip Q3 - 3rd Tip D - Delay
958	StrategyParameterName	Y	Y	Only change in DelayID Enumerations  R - Random D - Defined <Quantity Value> - Iceberg Replenish Size <Delay ID> - The ID number of the chosen delay range. The delays will be slightly different from MAPI. - R1 = 200-100ms (in MAPI it was 250ms-1000ms) - R2 and R3 will remain the same
1028	ManualOrderIndicator	Y	N	Replaced by Party Role Block - 2376 = 24 (Natural Person)
5007	LockedStatus	Y	N	No longer supported
31344	TR_TradingCapacity	Y	N	No longer supported
31345	TR_Npft	Y	N	No longer supported
453	NoPartyIDs	N	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker)
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified.  4 - Clearing Member Trade Code 53 - Trading Mnemonic/Order Origination Trader ID 79 - Prime Broker Trade Code

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				It is mandatory to have Trading Mnemonic/Order Origination Trader ID (53).
2376	PartyRoleQualifier	N	Y	Required only if Party Role (452) is set to 53, and if not specified will be defaulted to Algorithm (22). If specified when the Party Role (452) is set to any other value other than 53 the field will be ignored.  22 - Algorithm 24 - Natural Person
388	DiscretionaryInst	N	Y	Indicates the price to which the discretion offset applies.  0 - Related to displayed price Absence of this field when the DiscretionOffsetValue (388) is specified is interpreted as Related to displayed price (0)
389	DiscretionaryOffsetValue	N	Y	Non-zero amount (signed) added to the "related to" price specified via DiscretionaryInst (388). Conditionally required if DiscretionInst (388) is specified
855	SecondaryTrdType	N	Y	Indicates that the order is a benchmark transaction according to ESMA's RTS 2 regulations.  64 - Benchmark
528	OrderCapacity	N	Y	Capacity of the order.  If not provided, the server will apply the capacity based on the regulatory regime. As such for MTF and SEF capacity will be defaulted to P (Deal/Principle). A Capacity will not be applied regulatory regimes if not provided.  (Agency) applicable for instruments traded in Non-MTF regulatory regime  A - Agency P - Principal /DEAL
38004	WorkUp	N	Y	Specifies whether the order should be restricted from taking part in a work-up workflow. 0 - Disabled

## 6.7 EXECUTION REPORT (35=8)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=8
17	ExecID	Y	Y	In refinitiv, the execID could be the same across all messages relating to single event such as a user logout. In LSEG FX this will be unique per report
11	ClOrdID	Y	Y	In the case of the ER, this field is echoed back. As per description in NewOrderSingle, ClOrdIDs

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				are validated and can't be duplicated across a trading week per session.
41	OrigClOrdID	Y	Y	ClOrdID (11), of the order which has been amended or cancelled. Stamped only in the immediate ER generated to convey an amendment/cancellation. Any subsequent ERs sent regarding to any executions, expirations etc. of the order will not be stamped the OrigClOrdID(41).
37	OrderID	Y	Y	Will increase in length from 10 to 13 Characters.
150	ExecType	Y	Y	Addition: Pending New (A) - In the event a new order is queued on entry. Expired (C) – For when an order goes past the TIF Trade Correct (G) - If trade is subsequently corrected Trade Cancel (H) - If trade is subsequently cancelled Removal: Suspended (9) Triggered or Activated by System [Release] (L)
880	TrdMatchID	Y	Y	This will be visible across both counterparties but will be unique per match. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 12 Characters.
1891	TrdMatchSubID	N	Y	Unique identifier for all trades matched within a single aggression. Required if ExecType (150) is Trade (F), Trade Correct (G) or Trade Cancel (H).
19	ExecRefID	N	Y	Used in Trade Cancels and Trade Corrections to refer to the original trade Required if ExecType (150) is Trade Cancel (H) or Trade Correct (G).
378	ExecRestatementReason	Y	Y	This gets sent on unsolicited cancel messages to give a reason for the cancellation. Required if ExecType (150) is Restated (D) or if the execution report is sent for an unsolicited cancellation. Addition to LSEG FX: 8 = Market Option - Will be used when cancellation is from Market Operations. 39 = Expired - Will be used to replace both 12 = Cancel on trading loss and 13 = cancel on logout 103 = Order Cancellation due to Insufficient Credit (Will replace 99=Other) 104 = Prime Broker Kill Switch/Inhibition Initiated 105 = Order Cancellation due to reposition ineligibility/timeout.  Removal From LSEG FX: ExecType for Cancellations on Logout/Trading loss will have ExecType=Expired (C) so this tag won't be sent on. Hence these reasons will not be sent 12 = Cancel on Trading Loss 13 = Cancel on Logout  Note: Cancel on Trading Halt won't be available as orders aren't cancelled on a Trading Halt on LSEG FX therefore these Reasons will not be sent: 6= Cancel on Trading Halt

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
39	OrdStatus	Y	Y	Added in LSEG FX: A = Pending New - All new orders will receive pending new.  Removed in LSEG FX: 6 = Pending Cancel - No pending cancellations will be sent in OrdStatus 9 = Suspended - No hold and release orders so this won't be sent. E = Pending Replace - No longer used.
103	OrdRejReason	Y	Y	Used in the event the ExecType is Rejected (8). The reject codes will be different in LSEG FX.
58	Text	Y	Y	LSEG FX will contain different reject messages but the function of the Text Field will be the same.
32	LastQty	Y	Y	Will be send additionally on Trade Cancel/Corrects.
31	LastPx	Y	Y	Will be send additionally on Trade Cancel/Corrects.
151	LeavesQty	Y	Y	No Change
14	CumQty	Y	Y	No Change
6	AvgPx	N	Y	Average price of all fills for the order side.
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields.
167	SecurityType	Y	Y	Can be FXSPOT, FXSWAP and FXNDF
63	SettlType	N	Y	For Spot Instruments i.e. when SecurityType = FXSPOT the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair)  0 Spot Settlement (T+1 or T+2 depending on the currency) 1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 9 - T+5  The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0  FXSWAP details will be added to leg info and not this field.
64	SettlDate	N	Y	Specific date of trade settlement (Settlement Date) in YYYYMMDD format. Required for broken date FX NDF instruments i.e. when SecurityType (167) is FXNDF and SettlType is Broken (B) Required for FX spots and NDF instruments when ExecType (150) is Trade (F), Trade Corect (G) or Order Status (I).

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
555	NoLegs	Y	Y	No Change
1788	LegID	N	Y	Will replace LegRefID (654).
654	LegRefID	Y	N	Will be removed and replaced by LegID(1788).
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
588	LegSettlDate	N	Y	Specific date of trade settlement (Settlement Date) in YYYYMMDD format. Required for broken date legs. i.e. when LegSettlType (587) is Broken (B) for all ExecType (150). Conditionally required if ExecType (150) is Trade (F), Trade Correct (G) or Order Status (I) for all LegSettlType (587).
637	LegLastPx	Y	Y	Will be sent additionally on Trade Cancel/Corrects.
600	LegSymbol	Y	N	Symbol will be in Tag 55.
556	LegCurrency	Y	N	Currency will be in Tag 15.
624	LegSide	Y	N	Can be inferred from Tag 54.
685	LegOrderQty	Y	N	Field removed as uneven swaps not supported.
1074	LegCalculatedCcyLastQty	Y	Y	The calculated quantity of the non volume/non quoted currency (currency 2) for this leg. Conditionally required if ExecType (150) is Trade (F), Trade Correct (G) or Order Status (I). In MAPI this is also an absolute quantity.
453	NoPartyIDs	Y	Y	No Change
448	PartyID	Y	Y	No Change
447	PartyIDSource	Y	Y	Will be D - Proprietary/Custom Code
452	PartyRole	Y	Y	The Party Role type will expand: Required if PartyID (448) is specified. 4 - Clearing Member Trade Code 13 - Order Origination Trade Code Answerback 20 - Counterparty Trade Code Answerback 53 - Trading Mnemonic/Order Origination Trader ID 56 - Counterparty Trade Code 59 - Order Origination Trade Code 79 - Prime Broker Trade Code Counterparty Trade Code (56) and Counterparty Trade Code Answerback

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				(20) will be populated when ExecType = F or G or I.  Prime Broker Trade Code (79) will only be populated for orders submitted/traded under prime broker trading model.  Clearing Member Trade Code (4) will only be populated for orders submitted/traded under cleared trading model.
40	OrdType	Y	Y	No Change
				Echoed back from Original Order Added in LSEG FX: GTC (Good Till Cancel) Added GFW (Good For Week) Added Removed in LSEG FX: GFT (Good for Time) Removed
59	TimeInForce	Y	Y	Other TIFs will remain in place
126	ExpireTime	Y	Y	No Change
1629	ExposureDuration	Y	N	Only used for GFT and this will be removed.
54	Side	Y	Y	No Change
38	OrderQty	Y	Y	No Change
44	Price	Y	Y	
				Capacity of the order. If not provided in order entry, the server will apply the capacity based on the regulatory regime. As such, MTF and SEF capacity will be defaulted to P (Deal/Principle). A Capacity will not be stamped for other regulatory regimes if not provided in order entry. A - Agency P - Principal
528	OrderCapacity	N	Y	
31344	TR_TradingCapacity	Y	N	Will be removed.
31345	TR_Npft	Y	N	Will be removed.
60	TransactTime	Y	Y	TransactTime is in Tag 60 on the Fix Message. This field provides the transaction date and time in UTC. This can be used in lieu of the MAPI TradeDate field where a UTC date is required.
				Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
30001	OrderBook	N	Y	
1057	Aggressor Indicator	Y	Y	No Change
194	LastSpotRate	Y	Y	No Change
847	TargetStrategy	Y	Y	No Change
957	NoStrategy Parameters	Y	Y	No Change
958	Strategy Parameter Name	Y	Y	No Change
960	Strategy Parameter Value	Y	Y	No Change
1808	LockedQty	N	Y	Quantity under negotiation in the Client Credit Check workflow.



TagNo	TagName	In MAPI	In LSEG FX	Notable Change
1056	Calculated CcyLastQty	N	Y	The calculated quantity of the non-volume /non-quoted currency (currency 2) of Spots and NDFs. Required when SecurityType (167) is FXSPOT or FXNDF and ExecType (150) is Trade (F), Trade Correct (G) or Order Status (I)
527	Secondary ExecID	Y	N	Will be replaced by TrdMatchSubID(1891)
15	Currency	Y	Y	No Change
75	TradeDate	Y	Y	In LSEG FX venues, the TradeDate adheres to the industry practice where Trade Date changes to the next day on date roll. (Except on Sunday, the TradeDate will set as Monday. On Friday, any trade occurring after traditional date roll will still have a trade date of Friday). Using the same example as above, if a trade occurred at 18:03:22 NY time on 09/11/2022 then the trade date would be 20221110.
1138	DisplayQty	Y	N	More Qty orders are not supported so this is deprecated.
1	Account	Y	Y	Field length will change
1100	TriggerType	Y	N	Removed in LSEG FX
1101	TriggerAction	Y	N	Removed in LSEG FX
1628	TriggerScope	Y	N	Removed in LSEG FX
231	Contact Multiplier	Y	N	Removed in LSEG FX
854	QtyType	Y	N	Removed in LSEG FX
1385	Contingency Type	Y	N	Removed in LSEG FX
802	NoPartySubIDs	Y	N	Removed in LSEG FX (Contained in Party Role)
523	PartySubID	Y	N	Removed in LSEG FX (Contained in Party Role)
803	PartySubID Type	Y	N	Removed in LSEG FX (Contained in Party Role)
423	PriceType	Y	Y	No Change
232	NoStipulations	Y	Y	No Change
233	Stipulation Type	Y	Y	Defines the stipulation type. 0 - Manual Inhibition Workflow 1 - Repositioning Workflow 2 - WorkUp Workflow Required if ExecType(150) = Trade (F) and SecurityType(167) = FXSWAP
234	Stipulation Value	Y	Y	Defines whether the stated finalization workflow is expected or not. NO - Not Eligible for stipulation type YES - Eligible for stipulation type Required if ExecType(150) = Trade (F) and SecurityType(167) = FXSWAP
1630	NoLimitAmt	Y	N	Removed in LSEG FX (Credit API will required)
1631	LimitAmtType	Y	N	Removed in LSEG FX (Credit API will required)
1632	LastLimitAmt	Y	N	Removed in LSEG FX (Credit API will required)
1633	LastLimit Remaining	Y	N	Removed in LSEG FX (Credit API will required)
1634	LimitAmt Currency	Y	N	Removed in LSEG FX (Credit API will required)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
2593	NoOrder Attributes	Y	Y	None
2594	Order AttributeType	Y	Y	None
2595	Order AttributeValue	Y	Y	None
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered. Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	Market SegmentID	N	Y	Market Segment based on the Lot size allowed. Value Meaning 101 - Regular 102 - Small

## 6.8 TRADE CAPTURE REPORT (35=AE)

This message is only available on the Post Trade API and isn't available on the Trading API.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=AE
1180	ApplID	N	Y	Identifier of the Partition
1181	ApplSeqNum	N	Y	Partition's sequence number for trade.
1350	ApplLastSeqNum	N	Y	ApplSeqNum of last trade generated for client. Required if ApplResendFlag (1352) is 'N' and TradeRequestID (568) is not present. This will not be populated on the first TCR of a particular partition sent to the client (since zero is not a valid value).
1352	ApplResendFlag	N	Y	Whether the message is sent in response to an Application Message Request. Absence of this field is interpreted as Original Transmission (N). Y - Response to Application Message Request N - Original Transmission
568	TradeRequestID	N	Y	Identifier of the Trade Capture Report Request the message is sent in response to.
912	LastRptRequested	N	Y	Indicates the last message sent in response to a Trade Capture Report Request. Y - Last Message
571	TradeReportID	N	Y	Identifier of the message.
325	UnsolicitedIndicator	Y	N	Not in LSEG FX
1003	TradeID	Y	Y	This will be visible across both counterparties but will be unique per

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				match. Will move from Numeric to AlphaNumeric. Will increase in length from 10 to 12 Characters.  In Refinitiv MAPI TrdMatchID(880) was used for this purpose.
820	TradeLinkID	N	Y	The ID is an integer and is unique per event. Matches occurring as the result of the same event (e.g. all matches occurring as the result of an aggressing order) will have the same TrdMatchID(880).  Will move from Numeric to AlphaNumeric. Length will be 11 Characters.  In Refinitiv MAPI TradeID (1003) was used for the same purpose.
880	TrdMatchID	Y	N	Replaced by 1003
17	ExecID	Y	N	571 is used as equivalent
572	TradeReportRefID	N	Y	Reference to trade being cancelled or corrected or pre-released or delay published. Required if TradeReportTransType (487) is Cancel (1), Replace (2), Release (3) or Publish (4)
1123	TradeHandlingInstr	N	Y	Handling instructions to client. 0 - Trade Confirmation
856	TradeReportType(856)	Y	Y	Added in LSEG FX: 0 - Submit 4 - Addendum 5 - No/Was 6 - Trade Report Cancel 7 - Trade Break Removed in LSEG FX: 2 - Accept
150	ExecType	Y	Y	In addition to F - Trade cancellations and corrections will be possible. G - TradeCorrect H - TradeCancel
487	TradeReportTrans Type	Y	Y	In addition to 2 - New cancellations and corrections will be possible. 1 - Cancel 2 - Replace 3 - Release 4 - Publish
573	MatchStatus	Y	Y	No Change
828	TrdType	Y	Y	Type of trade. Absence of this field should be interpreted as Regular Trade (0). 0 - Regular Trade  In MAPI, this was always 54 - OTC
60	TransactTime	Y	Y	TransactTime is in Tag 60 on the Fix Message. This field provides the transaction date and time in UTC. This can be used in lieu of the MAPI TradeDate field where a UTC date is required.
32	LastQty	Y	Y	Will be send additionally on Trade Cancel/Corrects.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
423	PriceType	Y	Y	No Change
31	LastPx	Y	Y	Will be send additionally on Trade Cancel/Corrects.
15	Currency	Y	Y	No Change
574	MatchType	N	Y	Point in Matching Process trade was matched. 4 - Continuous Trading
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields.
454	NoSecurityAltID	N	Y	Will only ever be 1. Only will be used for NDFs.
455	SecurityAltId	N	Y	ID number of the instrument. Only for NDFs.
456	SecurityAltId Source	N	Y	4 - ISIN
167	SecurityType	Y	Y	Can be FXSPOT, FXSWAP and FXNDF
63	SettlType	N	Y	For Spot Instruments i.e. when SecurityType = FXSPOT the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair)  0 Spot Settlement (T+1 or T+2 depending on the currency) 1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 9 - T+5  The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0  FXSWAP details will be added to leg info and not this field
64	SettlDate	Y	Y	Specific date of trade settlement (Settlement Date) in YYYYMMDD format. Conditionally required for broken date FX NDF instruments i.e. when SecurityType (167) is FXNDF and SettlType is Broken (B). Conditionally required for FX spots and NDF instrument trade executions i.e. when SecurityType (167) is FXSPOT or FXNDF and ExecType (150) is Trade (F).  On Refinitiv MAPI this was only required for Spot.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered. Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Market Segment based on the Lot size allowed. Value Meaning 101 - Regular 102 - Small
555	NoLegs	Y	Y	No Change
1788	LegID	N	Y	Unique identifier for the leg.  Leg1 - Near Leg Leg2 - Far Leg  Replaces LegRefID(654)
660	LegSymbol	Y	N	Symbol will be in Tag 55
624	LegSide	Y	N	Currency will be in Tag 54
556	LegCurrency	Y	N	Can be inferred from Tag 15
687	LegQty	Y	N	Field removed as uneven swaps not supported.
654	LegRefID	Y	N	Replaced by LegID(1788)
587	LegSettlType	N	Y	Indicates settlement period of the leg.  0 - Spot Settlement 1 - Cash Settlement (TOD) 2 - Next Day Settlement (TOM) C - Spot Next Settlement (Spot +1) B - Broken Date Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM3", where "x" is any integer > 0. MEx - FX tenor expression for "Month End", e.g. "ME11", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
588	LegSettlDate	Y	Y	Specific date of trade settlement (Settlement Date) in YYYYMMDD format. Conditionally required for broken date legs i.e. when LegSettlType (587) is Broken (B) for all ExecType (150). Conditionally required for trade executions i.e. when ExecType (150) is Trade (F) for all LegSettlType (587).
602	LegSecurityID	N	Y	Identification number of this leg of the swap.
603	LegSecurityIDSource	N	Y	Type of instrument identification used. Required if LegSecurityID (602) is

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				specified. 4 - ISIN
38002	LegMIFIDBuyerID	N	Y	LEI of the buy side trading firm of this leg as identified based on MiFID rules.
38003	LegMIFIDSellerLEI	N	Y	LEI of the sell side trading firm of this leg as identified based on MiFID rules.
637	LegLastPx	Y	Y	The execution price (FX Rate) assigned to the leg,
1074	LegCalculatedCcyLastQty	Y	Y	The calculated quantity of the non volume/non quoted currency (currency 2) for this leg. Conditionally required if ExecType (150) is Trade (F), Trade Correct (G) or Order Status (I). In MAPI this is also an absolute quantity.
552	No Sides	Y	Y	This will always be 1. In MAPI, it will be 1 for Spot and 2 for Swap.
54	Side	Y	Y	No Change
1154	SideCurrency	Y	N	Removed in LSEG FX
1	Account	Y	Y	Field Length will change
2593	NoOrderAttributes	N	Y	Not previously sent on the TCR
2594	OrderAttributeType	N	Y	Not previously sent on the TCR 2 - Liquidity Provision Activity Order
2595	OrderAttributeValue	N	Y	The value associated with the order attribute type specified in OrderAttributeType (2594). Required if OrderAttributeType (2594) specified. Y - True N - False
1427	SideExecID	N	Y	Identifier of the execution received by the order.
448	PartyID	Y	Y	No Change
447	PartyIDSource	Y	Y	D - Proprietary/Custom Code G - MIC(Applicable only for Party Role = Executing Venue) N - LEI (Applicable only for Party Role = Reporting Intermediary)
452	PartyRole	Y	Y	The Party Role type will expand: Required if PartyID (448) is specified.  Possible Values in LSEG FX: 1 - Ultimate Parent Company 53 - Trading Mnemonic/Order Origination Trader ID 59 - Order Origination Trade Code 17 - Counterparty Ultimate Parent Company 72 - Reporting Intermediary 73 - Executing Venue 37 - Counterparty Trading Mnemonic/Order Origination Trader ID 56 - Counterparty Trade Code 122 - Investment Decision Maker 127 - Contra Investment Decision Maker 13 - Order Origination Trade Code Answerback 20 - Counterparty Trade Code Answerback

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
2376	PartyRoleQualifier	N	Y	Provides a further qualification for the value specified in the Party Role (452). Populated only for Party Role (452) of Trading Mnemonic (53), Contra Trader (37), Investment Decision Maker (122) and Contra Investment Decision Maker (127). Can be: 22 - Algorithm 24 - Natural Person
802	NoPartySubIDs	N	Y	Number of sub party identifiers. Required for Party Roles: Executing Firm (1) and Contra Firm (17).
523	PartySubID	N	Y	Identifier of the sub party type.
803	PartySubIDType	N	Y	Type of the sub party. Represents additional information of the Party Role. 84 - Legal Entity Identifier. Applicable to Party Roles: Executing Firm (1) and Contra Firm (17) 39 - ISO Country Code. Applicable to Party Roles: Entering Unit (58) and Acceptable Counterparty (56).
1116	NoRootPartyIDs	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1117	RootPartyID	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1118	RootPartyIDSource	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1119	RootPartyRole	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1120	NoRootPartySubIDs	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1121	RootPartySubID	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1122	RootPartySubIDType	Y	N	RootParty & RootPartySub parameters will be replaced by Party and SubParty parameters. They do not map 1:1. Comments contained in these fields.
1115	OrderCategory	N	Y	Type of interest behind trade. 1 - Order 2 - Quote
1444	SideLiquidityInd	N	Y	Whether the order added or removed liquidity. Value Meaning

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				1 - Added Liquidity 2 - Removed Liquidity
37	OrderID	Y	Y	Will increase in length from 10 to 13 Characters.
11	ClOrdID	Y	Y	In the case of the TCR, this field is echoed back. As per description in NewOrderSingle, ClOrdIDs are validated and can't be duplicated across a trading week per session.
528	OrderCapacity	N	Y	Capacity of the order. If not provided in order entry, the server will apply the capacity based on the regulatory regime. As such, MTF and SEF capacity will be defaulted to P (Deal/Principle). A Capacity will not be stamped for other regulatory regimes if not provided in order entry. A - Agency P - Principal
38	OrderQty	Y	Y	No Change
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases. 1 - Matching 2 - ECN
20001	TZPublicationTime	N	Y	The date and time when the trade was published by the trading venue in UTC format (YYYYMMDDHH:MM:SS.ssssss). Stamped in server initiated TCRs.
1125	OrigTradeDate	N	Y	Date and time when the trade was executed in UTC format (YYYYMMDD-HH:MM:SS.ssssss). Stamped in server initiated TCRs.
194	LastSpotRate	Y	Y	Replaces 1056 on MAPI
711	NoUnderlying	N	Y	Number of corresponding USD spot reference rates available. This will always be 2.
311	UnderlyingSymbol	N	Y	Symbol of the Spot in CCY/CCY2 format. E.g. EUR/USD. If the traded instrument is a USD currency pair, one symbol will be stamped as USD/USD.
1045	UnderlyingFxRate	N	Y	FX Rate of the Spot indicated in 311.
38000	MIFIDBuyerLEI	N	Y	LEI of the buy side trading firm of the transaction as identified based on MiFID rules. Applicable for SecurityType = FXNDF.
38001	MIFIDSellerLEI	N	Y	LEI of the sell side trading firm of the transaction as identified based on MiFID rules. Applicable for SecurityType = FXNDF.
120	SettlCurency	Y	Y	No Change
1056	CalculatedCcyLastQty	Y	Y	The calculated quantity of the non volume (non-quoted) currency (currency 2). Applicable only for FX Spots and FX NDFs i.e. SecurityType of



TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				FXSPOT or FXNDF.
1924	ClearingIntention	N	Y	Specifies the party's intention to clear the trade. 0 - Do not intend to clear 1 - Intend to clear
1907	NoRegulatoryTradeIDs	N	Y	Number of regulatory identifiers in the repeating group.
1903	RegulatoryTradeId	N	Y	Regulatory trade identifier.
1906	RegulatoryTradeIDType	N	Y	Specifies the type of trade identifier provided in RegulatoryTradeID(1903).  100 - Unique Transaction Identifier (UTI) 101 - Transaction Reference Number (TRN) of this side (i.e. buy or sell) of the trade. TRN applicable only for instruments traded under MTF regime.
2411	RegulatoryLegRefID	N	Y	Identifies the leg of the trade the entry applies to by referencing the leg's LegID (1788). Applicable only for FX Swaps i.e. SecurityType of FXSWAP.
1838	NoTradePriceConditions	N	N	Assume this will go.
1839	TradePriceCondition	N	N	Assume this will go.
855	SecondaryTrdTyp	N	Y	Indicates that the order is a benchmark transaction according to ESMA's RTS 2 regulations. Value Meaning 855 - Benchmark
2668	NoTrdRegPublications	N	Y	Number of regulatory publication rules in repeating group. For instruments traded under MTF regulatory regime this field should be set to '1'.
2669	TrdRegPublicationType	N	Y	Specifies the type of regulatory trade publication. Required if NoTrdRegPublications (2668) > 0.  0 - Pre-trade transparency waiver
2670	TrdRegPublicationReason	N	Y	Additional reason for trade publication type specified in TrdRegPublicationType (2669).  4 - No public price quoted as instrument is illiquid
75	TradeDate	Y	Y	In LSEG FX venues, the TradeDate adheres to the industry practice where Trade Date changes to the next day on date roll. (Except on Sunday, the TradeDate will set as Monday. On Friday, any trade occurring after traditional date roll time will still have a trade date of Friday). Using the same example as above, if a trade occurred at 18:03:22 NY time on 09/11/2022 then the trade date would be 20221110.
40825	NoNonDelivarableFixingDates	N	Y	Number of Fixing Dates. Required if SecurityType (167) = FXNDF

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
40826	NonDeliverableFixingDate	N	Y	Fixing date of the NDF instrument. Required if NoNonDeliverableFixingDates (40825) > 0
40827	NonDeliverableFixingDateType	N	Y	Fixing date type. Value Meaning 0 - Unadjusted 1 - Adjusted
231	ContractMultiplier	Y	N	Values will be real not use multiplier in LSEG FX
854	QtyType	Y	N	Removed in LSEG FX
1071	LastSwapPoints	Y	N	Will be replaced by LastPx(31) in LSEG FX
1158	NoSettlDetails	Y	N	Removed in LSEG FX
1164	SettlObligSource	Y	N	Removed in LSEG FX
781	NoSettlPartyIDs	Y	N	Removed in LSEG FX
782	SettlPartyID	Y	N	Removed in LSEG FX
783	SettlPartyIDSource	Y	N	Removed in LSEG FX
784	SettlParty	Y	N	Removed in LSEG FX
801	NoSettlPartySubIDs	Y	N	Removed in LSEG FX
785	SettlPartySubID	Y	N	Removed in LSEG FX
786	SettlPartySubIDType	Y	N	Removed in LSEG FX
1057	AggressorIndicator	Y	N	Replaced by SideLiquidityInd(1444)
1630	NoLimitAmt	Y	N	Removed in LSEG FX (Credit API will required)
1631	LimitAmtType	Y	N	Removed in LSEG FX (Credit API will required)
1632	LastLimitAmt	Y	N	Removed in LSEG FX (Credit API will required)
1633	LastLimitRemaining	Y	N	Removed in LSEG FX (Credit API will required)
1634	LimitAmtCurrency	Y	N	Removed in LSEG FX (Credit API will required)

### 6.8.1 OrderCancelRequest (35=F)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=F
11	ClOrdID	Y	Y	ClOrdID reduced in length. Uniqueness of ClOrdID is enforced
60	TransactTime	Y	Y	UTC timestamp of message creation
41	OrigClOrdID	Y	Y	ClOrdID (11), of the order which has been amended or cancelled. Stamped only in the immediate ER generated to convey an amendment/cancellation. Any subsequent ERs sent regarding to any executions, expirations etc. of the order will not be stamped the OrigClOrdID(41).
37	OrderID	Y	Y	Will increase in length from 10 to 13 Characters.
59	Time In Force	N	Y	Added in LSEG FX: GTC (Good Till Cancel) Added GFW (Good For Week) Added Removed in LSEG FX: GFT (Good for Time) Removed  Other TIFs will remain in place

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
126	Expire Time	N	Y	Echoed back from Original Order.
167	SecurityType	N	Y	FXNDF will be added
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
				For Spot Instruments i.e. when SecurityType = FXSPOT the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair)  0 Spot Settlement (T+1 or T+2 depending on the currency) 1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Dx - FX tenor expression for "days", e.g. "D5", where "x" is any integer ≥ 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
63	SettlType	N	Y	0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Dx - FX tenor expression for "days", e.g. "D5", where "x" is any integer ≥ 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
				Execution destination as defined by Instrument.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
100	ExDestination	N	Y	101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
				Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
1300	MarketSegmentID	N	Y	101 - Regular 102 - Small
				Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
30001	OrderBook	N	Y	1 - Matching 2 - ECN
54	Side	Y	Y	No Change
453	NoPartyIDs	N	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker)
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				53 - Trading Mnemonic/Order Origination Trader ID
526	SecondaryClOrdID	Y	N	Not sent on LSEG FX
555	NoLegs	N	Y	Will always be 2 for Swaps.
1788	LegID	N	Y	Leg Identifier Leg1 Near Leg Leg2 Far Leg
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Dx - FX tenor expression for "days", e.g. "D5", where "x" is any integer ≥ 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
38	OrderQty	Y	N	Not sent on LSEG FX

### 6.8.2 Order Cancel Reject (35=9)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=9
11	ClOrdID	Y	Y	ClOrdID reduced in length. Uniqueness of ClOrdID is enforced
60	TransactTime	Y	Y	UTC timestamp of message creation
41	OrigClOrdID	Y	Y	ClOrdID (11), of the order which has been amended or cancelled. Stamped only in the immediate ER generated to convey an amendment/cancellation. Any subsequent ERs sent regarding to any executions, expirations etc. of the order will not be stamped the OrigClOrdID(41).
39	OrdStatus	Y	Y	Current status of the order. Will be Rejected (8) if the order is unknown or the request cannot be processed  0 - New 1 - Partially Filled 2 - Filled 4 - Cancelled 8 - Rejected A - Pending New C - Expired
37	OrderID	Y	Y	Will increase in length from 10 to 13 Characters.
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
453	NoPartyIDs	N	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker)
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/Order Origination Trader ID
1	Account	Y	N	Not sent on LSEG FX
526	SecondaryCOrdID	Y	N	Not sent on LSEG FX
434	CxlRej ResponseTo	Y	Y	1 - Order Cancel Request 2 - Order Cancel/Replace Request
102	CxlRejReason	Y	Y	Code specifying the reason for the rejection.
58	Text	Y	Y	Text specifying the reason for the rejection

### 6.8.3 Order Cancel Replace (35=G)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=G
11	COrdID	Y	Y	COrdID reduced in length. Uniqueness of COrdID is enforced.
60	TransactTime	Y	Y	UTC timestamp of message creation
41	OrigCOrdID	Y	Y	COrdID (11), of the order which has been amended or cancelled. Stamped only in the immediate ER generated to convey an amendment/cancellation. Any subsequent ERs sent regarding to any executions, expirations etc. of the order will not be stamped the OrigCOrdID(41).
40	OrderType	Y	Y	No Change
44	Price	Y	Y	No Change
37	OrderID	Y	Y	Will increase in length from 10 to 13 Characters.
59	Time In Force	N	Y	Added in LSEG FX: GTC (Good Till Cancel) Added GFW (Good For Week) Added Removed in LSEG FX: GFT (Good For Time) Removed Other TIFs will remain in place
126	Expire Time	N	Y	Time and date of order expiration in UTC in YYYYMMDD-HH:MM:SS format. Time can be specified up to second level granularity. Required if TimeInForce (59) is GTD (6).
167	SecurityType	N	Y	FXNDF will be added
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
63	SettlType	N	Y	For Spot Instruments i.e. when SecurityType = FXSPOT the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair) 0 Spot Settlement (T+1 or T+2 depending on the currency)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 9 - T+5 The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
100	ExDestination	N	Y	Execution destination as defined Instrument.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
54	Side	Y	Y	No Change
453	NoPartyIDs	N	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker).
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified.  53 - Trading Mnemonic/Order Origination Trader ID
526	SecondaryClOrdID	Y	N	Not sent on LSEG FX
555	NoLegs	Y	Y	No Change
1788	LegID	N	Y	Leg Identifier Leg1 Near Leg Leg2 Far Leg
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
38	OrderQty	Y	Y	No Change
1810	ReleaseInstruction	N	Y	Indicates the Repositioning instruction to be applied post client credit check workflow. Required only for 'Reposition' requests.  100 Do Not Reposition 101 Reposition

## 6.9 MASS ACTIONS

### 6.9.1 OrderMassActionRequest (35=CA)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=CA
11	ClOrdID	Y	Y	ClOrdID reduced in length. Uniqueness of ClOrdID is enforced
60	TransactTime	Y	Y	UTC timestamp of message creation
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
54	Side	Y	Y	No Change
20020	OrdersLockFilter	Y	N	Not used on LSEG FX
1373	MassActionType	Y	Y	No Change
1374	MassActionScope	Y	Y	No Change
167	SecurityType	Y	Y	FXNDF will be added
63	SettlType	N	Y	For Spot Instruments i.e. when SecurityType = FXSPOT the following values are applicable. If omitted, default will be 0 (default Spot Settlement of the currency pair)  0 Spot Settlement (T+1 or T+2 depending on the currency) 1 - T+0 2 - T+1 3 - T+2 4 - T+3 5 - T+4 9 - T+5  The following values are applicable for FX NDF instruments i.e. when SecurityType = FXNDF.  B - Broken Date

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0
100	ExDestination	N	Y	Execution destination as defined by instrument.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
555	NoLegs	N	Y	Will always be 2 on Swaps.
1788	LegID	N	Y	Leg Identifier Leg1 Near Leg Leg2 Far Leg
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
1461	NoTargetPartyIDs	N	Y	The number of parties the mass cancel relates to. If specified, the value in this field will always be "1".
1462	TargetPartyID	N	Y	Identifier of the party the mass cancel relates to. Required if NoTargetPartyIDs (1461) is specified.
1463	TargetPartyIDSource	N	Y	Required if NoTargetPartyIDs (1461) is specified.  D Proprietary/Custom Code



TagNo	TagName	In MAPI	In LSEG FX	Notable Change
1464	TargetPartyRole	N	Y	Role of the TargetPartyID (1462). Required if NoTargetPartyIDs (1461) is specified. 53 - Trading Mnemonic/Order Origination Trader ID 59 - Order Origination Trade Code

### 6.9.2 OrderMassCancelReport (35=BZ)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=BZ
1369	MassActionReportID	N	Y	Was tag 37 in MAPI
37	MassActionReportID	Y	N	As above, this is replaced by 1369
11	ClOrdID	Y	Y	ClOrdID reduced in length. Uniqueness of ClOrdID is enforced.
60	TransactTime	Y	Y	UTC timestamp of message creation
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
167	SecurityType	Y	Y	FXNDF will be added
54	Side	Y	Y	No Change
20020	OrdersLockFilter	Y	N	Not used on LSEG FX
1373	MassActionType	Y	Y	No Change
1374	MassActionScope	Y	Y	No Change
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
58	Text	Y	Y	No Change
1376	MassActionRejectReason	Y	Y	Code specifying the reason for the rejection. Required if MassActionResponse (1375) is Mass Action Request Rejected (0).
533	Total Affected Orders	Y	N	Not used on LSEG FX
1375	MassActionResponse	Y	Y	Action Taken By Server 0 - Mass Action Request Rejected 1 - Mass Action Request Accepted

## 6.10 PARTY ACTION

### 6.10.1 PartyActionRequest (35=DH)

The function of the Party Action Request is only used in the client credit check workflow, post the credit checks negotiation.

It can't be used by a Prime Broker to set MOS/MOOP limits or Inhibit/Disable PBCs. This function has moved to the Credit API.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=DH
2328	PartyActionRequestID	Y	Y	No Change
2329	PartyActionType	Y	Y	Possible Values 0 - Suspend/Inhibit 1 - Disable/Kill Switch
453	NoPartyIDs	Y	Y	Number of Parties relating to Order (Used to identify trader/clearer/PrimeBroker)
448	PartyID	Y	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	Y	Y	Always D - Proprietary/Custom
452	Party Role	Y	Y	Role of the PartyID (448). Required if PartyID (448) is specified.  53 - Trading Mnemonic/ Order Origination Trader ID 56 - Counterparty Trade Code
802	NoPartySubIDs	Y	N	Not sent on LSEG FX
523	PartySubID	Y	N	Not sent on LSEG FX
803	PartySubIDType	Y	N	Not sent on LSEG FX
20003	MaximumOpen OrdersPerInstrument	Y	N	Not sent on LSEG FX
117	QuoteID	N	Y	The unique system generated Client Checks Credit ID Only populated in messages generated in response for automated/manual Client Checks Credit match inhibitions
167	SecurityType	N	Y	This flow will only be used on SWAPS
555	NoLegs	N	Y	For SWAPS only - will only ever be 2.
1788	LegID	N	Y	Leg Identifier Leg1 Near Leg Leg2 Far Leg
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
60	TransactTime	N	Y	UTC timestamp of message creation
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Indicates if it's Matching or ECN. Will be matching for initial releases 1 - Matching 2 - ECN
1547	InstrumentScopeSecurity	Y	N	Not sent on LSEG FX (167 used instead)

### 6.10.2 PartyActionReport (35=DI)

This message will be used to inform the PBCs of any changes to their MOS/MOOP limits or their trading status. It replaces the information previously sent on the custom 35=U3 message.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=DI
2328	PartyActionRequestID	Y	Y	No Change
2329	PartyActionType	Y	Y	New Enums are: 0 - Suspend/Inhibit 1 - Disable/Kill Switch 2 - Enable Trading 101 - Trading Limits Update
2331	PartyActionReportID	Y	Y	No Change
2332	PartyActionResponse	Y	Y	No Change
2333	PartyActionReject Reason	Y	Y	Code specifying the reason for rejecting the request. Required if PartyActionResponse (2332) is Rejected (2)  Reasons May differ from MAPI
1328	RejectText	Y	Y	Text specifying the reason for rejecting the request. Required if PartyActionResponse (2332) is Rejected (2).  Reasons May differ from MAPI
453	NoPartyIDs	Y	Y	Number of Parties referenced in message (Used to identify trader/clearer/PrimeBroker)
448	PartyID	Y	Y	Identity of submitting party - could be trader or organisation ID

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
447	PartyID Source	Y	Y	Always D - Proprietary/Custom
				Role of the PartyID (448). Required if PartyID (448) is specified.  13 - Order Origination Trade Code Answerback 20 - Counterparty Trade Code Answerback 53 - Trading Mnemonic/ Order Origination Trader ID 56 - Counterparty Trade Code 59 - Order Origination Trade Code 79 - Prime Broker Trade Code  Trading Mnemonic/ Order Origination Trader ID (53), Counterparty Trade Code (56) and Counterparty Trade Code Answerback (20) will only be populated in messages generated in response to client credit check inhibitions. Prime Broker Trade Code (79) will only be populated in PBC/PoP Kill Switch/inhibition/MOS-MOOPI trading limit updates.
452	Party Role	Y	Y	
802	NoPartySubIDs	Y	N	Not sent on LSEG FX
523	PartySubID	Y	N	Not sent on LSEG FX
803	PartySubIDType	Y	N	Not sent on LSEG FX
60	TransactTime	Y	Y	No Change
				The unique system generated client credit check ID.  Only populated in messages generated in response for automated/manual client credit check inhibitions.
117	QuoteID	N	Y	
167	SecurityType	N	Y	FXNDF will be added
1140	MaxTradeVol	N	Y	The maximum order quantity (MOS) that can be submitted for a security
38005	MaxOpenOrders PerInstrument	N	Y	Specifies maximum number of open orders per instrument (MOOPI) allowed for the participant

## 6.11 QUOTE MESSAGES

These are messages used in the Client Credit Check and Work-Up Workflows.

### 6.11.1 Quote (35=S)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=S
117	QuoteID	Y	Y	Length Change
				Will only be used for: 0 - Indicative 10 - Work-Up
537	QuoteType	Y	Y	No counter on this request in LSEG FX
1166	QuoteMsgID	N	Y	Server specified identifier of the message. Maximum of 25 characters are allowed for this field

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
1751	SecondaryQuoteID	N	Y	TrdMatchID (880) of the qualifying trade. Required for work-up workflows i.e. when QuoteType (537) = Work-up (10).
453	NoPartyIDs	Y	Y	No Changes
448	PartyID	Y	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	Y	Y	Always D - Proprietary/Custom
452	Party Role	Y	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/ Order Origination Trader ID
167	SecurityType	N	Y	Will always be FXSWAP
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
555	No Legs	Y	Y	Number of Instrument Leg Repeating Group. For FXSWAPS, this will always be 2.
600	LegSymbol	Y	N	Not sent on LSEG FX
556	LegCurrency	Y	N	Not sent on LSEG FX
1788	LegID	N	Y	Unique identifier for the leg within the context of a message  Leg1 - Near Leg Leg2 - Far Leg  Replaces LegRefID(654)
654	LegRefID	Y	N	Replaced by LegID(1788)
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
685	LegOrderQty	Y	Y	Client credit check order size. Both legs will have the same size. Conditionally required for client credit check workflow i.e. when QuoteType (537) = Indicative (0).  Not populated for work-up proposals i.e. when QuoteType (537) = Work-up (10)
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered.  Value Meaning

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
				101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
188	BidSpotRate	Y	Y	Spot Rate used to derive the Leg FX rates. Expressed in decimal form. E.g. 1.4115 (for a GBP/USD swap)
190	OfferSpotRate	Y	Y	Spot Rate used to derive the Leg FX rates. Expressed in decimal form. E.g. 1.4115 (for a GBP/USD swap)
60	TransactTime	Y	Y	No Change
38	OrderQty	Y	Y	Original order quantity. Conditionally required for client credit check workflow. i.e. when QuoteType (537) = Indicative (0). Not populated for work-up proposals i.e. when QuoteType (537) = Work-up (10)
30001	OrderBook	N	Y	Identifies the OrderBook 1 - Matching
232	NoStipulations	Y	Y	No Change - (only sent from Server to client)
233	StipulationType	Y	Y	3 - Client credit check acceptance/credit checking responses (only sent from Server to client)
234	StipulationValue	Y	Y	NO - Not Eligible for stipulation type YES - Eligible for stipulation type (only sent from Server to client)

### 6.11.2 QuoteResponse (35=AJ)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=AJ
693	QuoteRespID	Y	Y	No Change
117	QuoteID	Y	Y	No Change
537	QuoteType	N	Y	Only for Work-Ups 10 - Work-Up
694	QuoteRespType	Y	Y	Additional Values for Credit Checking. 1 - Hit/Lift 2 - Counter 6 - Pass/No Deal 11 - Accept/Credit Checking
453	NoPartyIDs	N	Y	Number of Parties relevant to the message.
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/ Order Origination Trader ID
167	SecurityType	N	Y	Will always be FXSWAP
11	ClOrdID	Y	N	Not sent on LSEG FX

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
55	Symbol	Y	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
555	No Legs	Y	Y	Number of Instrument Leg Repeating Group. For FXSWAPS, this will always be 2.
600	LegSymbol	Y	N	Not sent on LSEG FX
556	LegCurrency	Y	N	Not sent on LSEG FX
				Unique identifier for the leg within the context of a message  Leg1 - Near Leg Leg2 - Far Leg
1788	LegID	N	Y	Replaces LegRefID(654)
654	LegRefID	Y	N	Replaced by LegID(1788)
				This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
587	LegSettlType	N	Y	
685	LegOrderQty	Y	Y	Client credit check order size. Both legs will have the same size. Conditionally required for client credit check workflow i.e. when QuoteType (537) = Indicative (0). Not populated for work-up proposals i.e. when QuoteType (537) = Work-up (10)
				Execution destination as defined by instrument.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
100	ExDestination	N	Y	
				Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
1300	MarketSegmentID	N	Y	
30001	OrderBook	N	Y	Identifies the OrderBook 1 - Matching
58	Text	Y	Y	No Changes
60	TransactTime	N	Y	UTC timestamp of message creation

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
38	OrderQty	Y	Y	Original order quantity. Conditionally required for client credit check proposals. i.e. when QuoteType (537) = Indicative (0). Not populated for work-up proposals i.e. when QuoteType (537) = Work-up (10)
54	Side	Y	Y	

### 6.11.3 QuoteStatusRequest(35=a)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=a
117	QuoteID	Y	Y	No change
537	QuoteType	N	Y	Only for Work-Ups 10 - Work-Up
649	QuoteStatusReqID	Y	Y	No Change
453	NoPartyIDs	N	Y	Number of Parties relevant to the message
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/ Order Origination Trader ID
167	SecurityType	N	Y	Will always be FXSWAP
55	Symbol	N	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
555	No Legs	N	Y	Number of Instrument Leg Repeating Group. For FXSWAPS, this will always be 2.
1788	LegID	N	Y	Unique identifier for the leg within the context of a message  Leg1 - Near Leg Leg2 - Far Leg  Replaces LegRefID(654)
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0



TagNo	TagName	In MAPI	In LSEG FX	Notable Change
100	ExDestination	N	Y	Execution destination as defined by the instrument.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Identifies the OrderBook 1 - Matching
60	TransactTime	N	Y	UTC timestamp of message creation
38	OrderQty	N	Y	Original order quantity. Conditionally required for client credit check workflow i.e. when QuoteType (537) = Indicative (0). Not populated for work-up proposals i.e. when QuoteType (537) = Work-up (10)

#### 6.11.4 QuoteStatusReport (35=A1)

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=A1
693	QuoteRespID	Y	Y	No Change
117	QuoteID	Y	Y	No Change
131	QuoteReqID	N	Y	ID of the Quote Request sent by the participant to initiate work-up. Only applicable to Quote Status Reports generated to acknowledge a Quote Request received by participants to initiate a work-up workflow.
537	QuoteType	N	Y	Only for Work-Ups 10 - Work-Up
649	QuoteStatusReqID	Y	Y	No Changes
1751	SecondaryQuoteID	N	Y	TrdMatchID (880) of the qualifying trade. Required for work-up workflows i.e. when QuoteType (537) = Work-up (10). Not populated when this message is generated to notify the end of work-up initiation duration when neither counterparty initiates a request.
297	QuoteStatus	Y	Y	Status of the quote request. 0 - Accepted 5 - Rejected 8 - Query/Bell notification 17 - Cancelled/No Deal  Note: 18 - Active is removed.
300	QuoteRejectReason	Y	Y	No Changes
453	NoPartyIDs	N	Y	Number of Party IDs.
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/ Order Origination Trader ID
58	Text	Y	Y	Message can be different from MAPI.  QuoteStatus (297) is Rejected (5). - Soft-match response - Work-up initiation request - Work-up initiation acknowledgement by the second participant of a work-up - Work-up quantity proposals - Bell notification - No-dealing - Text specifying the current status of client credit check or work-up workflow to the counterparty i.e. when QuoteStatus (297) is Query (8).
60	TransactTime	Y	Y	No Change
232	NoStipulations	Y	Y	No Change
233	StipulationType	Y	Y	No Longer Free Form  Defines the type finalization workflow 0 - Manual Inhibition Workflow 1 - Repositioning Workflow Populated if only if QuoteStatus(297) = Cancelled/No Deal (17)
234	StipulationValue	Y	Y	Defines whether the stated finalization workflow is expected or not  NO - Not Eligible for stipulation type YES - Eligible for stipulation type Populated if only if QuoteStatus(297) = Cancelled/No Deal (17)

### 6.11.5 QuoteRequest (35=R)

This is a new message and not used in MAPI. It is related to the Work-Up workflow.

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
35	MsgType	Y	Y	None - 35=R
131	QuoteRequestID	N	Y	Client specified identifier of the message. Maximum of 25 characters are allowed for this field
117	QuoteID	N	Y	The unique system generated identifier of the work-up eligible trade. This is the TrdMatchID (880) of the FIX Execution Report generated for original trade.
537	QuoteType	N	Y	Only for Work-Ups 10 - Work-Up
38004	Work-Up	N	Y	Specifies that the counterparty is not willing to take part in a work-up workflow on a specific work-up eligible trade represented in QuoteID (117). 0 - Disabled
146	NoRelatedSym	N	Y	If not specified in the message, the server will consider that the participant is willing to initiate a work-up workflow. Always 1

TagNo	TagName	In MAPI	In LSEG FX	Notable Change
55	Symbol	N	Y	Will only ever be currency pair. Tenor and instrument type details will be contained in additional fields in either this message or NewOrderMultileg
167	SecurityType	N	Y	Will always be FXSWAP
453	NoPartyIDs	N	Y	Number of parties relevant to the change.
448	PartyID	N	Y	Identity of submitting party - could be trader or organisation ID
447	PartyID Source	N	Y	Always D - Proprietary/Custom
452	Party Role	N	Y	Role of the PartyID (448). Required if PartyID (448) is specified. 53 - Trading Mnemonic/ Order Origination Trader ID
555	No Legs	N	Y	Number of Instrument Leg Repeating Group. For FXSWAPS, this will always be 2.
1788	LegID	N	Y	Unique identifier for the leg within the context of a message  Leg1 - Near Leg Leg2 - Far Leg  Replaces LegRefID(654)
587	LegSettlType	N	Y	This needs to be defined on a per leg basis. The following values are applicable for FX SWAP instruments i.e. when SecurityType = FXSWAP.  0 Regular / FX Spot settlement (T+1 or T+2 depending on currency) 1 - TOD 2 - TOM B - Broken Date C - FX Spot Next Settlement (Spot+1) Wx - FX tenor expression for "weeks", e.g. "W13", where "x" is any integer > 0 Mx - FX tenor expression for "months", e.g. "M3", where "x" is any integer > 0 Yx - FX tenor expression for "years", e.g. "Y1", where "x" is any integer > 0 IMx - FX tenor expression for "IMM", e.g. "IM1", where "x" is any integer > 0 MEx - FX tenor expression for "Month End", e.g. "ME1", where "x" is any integer > 0 YEx - FX tenor expression for "Year End", e.g. "YE1", where "x" is any integer > 0
100	ExDestination	N	Y	Execution destination as defined by institution when order is entered.  Value Meaning 101 - None 102 - RMO (Regulated Market Operator) 103 - SEF 104 - MTF 105 - Local
1300	MarketSegmentID	N	Y	Small will only be used when there is a smaller lot size available. Otherwise, and in the vast majority of cases, Regular (101) will be used. 101 - Regular 102 - Small
30001	OrderBook	N	Y	Identifies the OrderBook 1 - Matching
60	TransactTime	N	Y	UTC timestamp of message creation

## Chapter 7 Workflows

### 7.1 ORDER ENTRY/CANCELLATION

Key differences to note.

If an order is taken into a randomisation process, a “Pending New” Execution report will be sent. Depending on the order book state or if a cancel was sent during the randomisation period, when the randomisation process is over a New, Filled, Partially Filled or Cancel could be sent.

Cancels will be queued rather than rejected during randomisation or MQL.

IOC orders not matched will receive ER with ExecType “Expired” in contrast to “Cancelled” from MAPI.

Abbreviations used in Workflows.

- OCG – OrderCancelReplace
- QSR – QuoteStatusReport
- NoS – NewOrderSingle
- NoML – NewOrderMultileg
- ER – ExecutionReport
- QR – QuoteRequest

#### 7.1.1 Venue Credit Check Workflows

Unless explicitly stated, all Randomisation examples use Buffer Mode.

##### 7.1.1.1 New Passive Order on Instrument with no Randomisation – No Match

OrderType: Limit(2)

TIF: Day(0)

New Limit order is entered into the market. No immediate match occurs and the order is placed onto the book.

\*On LSEG FX, if there is a preceding order going through a credit check then it is possible to receive a Pending New, before the New.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)*	PendingNew(A)*	PendingNew(A)*
					ER(8)	New(0)	New(0)

##### 7.1.1.2 New Passive Order on Instrument with Randomisation – No Match

OrderType: Limit

TIF: Day(0)

New Limit order is entered into the market. No immediate match occurs and the order is placed onto the book after going through appropriate randomisation process.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
					ER(8)	New(0)	New(0)

### 7.1.1.3 New Passive Order on Instrument with no Randomisation – Match

OrderType: Limit

TIF: Day(0)

New Limit order is entered into the market. No immediate match occurs and the order remains on the book for a period of time. After resting on the book, the order will partially match, then fully match.

This will be the scenario for entering an order on cleared NDF venues.

\*On LSEG FX, if there is a preceding order going through a credit check then it is possible to receive a Pending New, before the New.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)*	PendingNew(A)*	PendingNew(A)*
	ER(8)	Trade(F)	PFilled(1)		ER(8)	New(0)	New(0)
	ER(8)	Trade(F)	Filled(2)		ER(8)	Trade(F)	PFilled(1)
					ER(8)	Trade(F)	Filled(2)

### 7.1.1.4 New Passive Order on Instrument with Randomisation – Match

OrderType: Limit

TIF: Day(0)

New Limit order is entered into the market. No immediate match occurs and the order remains on the book for a period of time. After resting on the book, the order will partially match, then fully match.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
	ER(8)	Trade(F)	PFilled(1)		ER(8)	New(0)	New(0)
	ER(8)	Trade(F)	Filled(2)		ER(8)	Trade(F)	PFilled(1)
					ER(8)	Trade(F)	Filled(2)

**7.1.1.5 New Passive Order on Instrument with No Delay Randomisation – Match**

OrderType: Limit

TIF: Day(0)

New Limit order is entered into the market. No immediate match occurs. As it is No Delay Randomisation, the order goes directly onto the book. After resting on the book, the order will fully match subject to No Delay Randomisation.

\*On LSEG FX, if there is a preceding order going through a credit check then it is possible to receive a Pending New, before the New. For No Delay Mode sometimes you will get a Pending New. For Buffer Mode, you will always get a Pending New.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)*	PendingNew(A)*
	ER(8)	Trade(F)	Filled(2)		ER(8)	New(0)	New(0)
					ER(8)	Trade(F)	Filled(2)

**7.1.1.6 New IOC Order on Instrument with no Randomisation – No Match**

OrderType: Limit

TIF: IOC(3)

A New IOC order is placed onto the book but it will not match. It will expire immediately.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	Cancelled (4)	Cancelled (4)		ER(8)	Expired(C)	Expired(C)

**7.1.1.7 New IOC Order on Instrument with Randomisation – No Match**

IOC orders that will not create don't get entered into randomisation and hence will be Expired.

OrderType: Limit

TIF: IOC(3)

A New IOC order is placed onto the book but it will not match. It should not get into any randomisation races and hence, on LSEG FX, an expired ER(8) will be received immediately.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	Cancelled (4)	Cancelled (4)		ER(8)	Expired(C)	Expired(C)

**7.1.1.8 New IOC Order on Instrument with no Randomisation – Match**

OrderType: Limit

TIF: IOC(3)

Order will be fully matched when submitted.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	Trade(F)	Filled(2)		ER(8)	PendingNew(A)	PendingNew(A)
					ER(8)	Trade(F)	Filled(2)

**7.1.1.9 New IOC Order on Instrument with Randomisation – Match**

OrderType: Limit

TIF: IOC(3)

Order will be fully matched when submitted.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	Trade(F)	Filled(2)		ER(8)	PendingNew(A)	PendingNew(A)
					ER(8)	Trade(F)	Filled(2)

**7.1.1.10 New IOC Order on Instrument with Randomisation – Partial Match**

OrderType: Limit

TIF: IOC(3)

Order will be partially matched when submitted.

In this example the order will match against a single order at a single price level.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	Trade(F)	Cancelled(4)		ER(8)	PendingNew(0)	PendingNew(0)
					ER(8)	Trade(F)	PFilled(1)
					ER(8)	Expired(C)	Expired(C)

**7.1.1.11 New Passive Order on Instrument with no Randomisation – No Match then Cancel**

OrderType: Limit(2)

TIF: Day(0)

MQL is expired

\*On LSEG FX, if there is a preceding order going through a credit check then it is possible to receive a Pending New, before the New.

\*\*In LSEG FX, if there is anything in the queue ahead of the cancellation, there is a potential to receive a pending cancel first.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)*	PendingNew(A)*
					ER(8)	New(0)	New(0)
OrdCancel Request(F)				OrdCancel Request(F)			
	ER(8)	PendingCancel(6)	PendingCancel(6)		ER(8)**	PendingCancel(6)**	PendingNew(A)
	ER(8)	Cancelled(4)	Cancelled(4)		ER(8)	Cancelled(4)	Cancelled(4)

**7.1.1.12 New Passive Order on Instrument with Randomisation – No Match then Cancel**

OrderType: Limit

TIF: Day(0)

No MQL in place (or MQL expired).

Cancel is submitted during the randomisation process.

\*\*In LSEG FX, if there is anything in the queue ahead of the cancellation, there is a potential to receive a pending cancel first.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
OrdCancel Request(F)				OrdCancel Request(F)			
	ER(8)	PendingCancel(6)	PendingCancel(6)		ER(8)	PendingCancel(6)**	PendingNew(A)
	ER(8)	Cancelled(4)	Cancelled(4)		ER(8)	New(0)	New(0)



MAPI				LSEG FX			
					ER(8)	Cancelled(4)	Cancelled(4)

### 7.1.1.13 New Passive Order on Instrument with MQL – No Match then Cancel

OrderType: Limit

TIF: Day(0)

MQL is active.

An order is entered but then is cancelled when MQL is active.

\*\*In LSEG FX, if there is anything in the queue ahead of the cancellation, there is a potential to receive a pending cancel first.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
OrdCancel Request(F)				OrdCancel Request (F)			
	ER(8)	PendingCancel(6)	PendingCancel(6)		ER(8)	PendingCancel(6)**	PendingNew(A)
OrdCancel Reject(9)			Rejected(8)		ER(8)	New(0)	New(0)
					ER(8)	Cancelled(4)	Cancelled(4)

### 7.1.1.14 New Passive Order on Instrument with Randomisation – No Match then Cancel

OrderType: Limit

TIF: Day(0)

Cancel is submitted during the randomisation process.

\*\*In LSEG FX, if there is anything in the queue ahead of the cancellation, there is a potential to receive a pending cancel first.

MAPI				LSEG FX			
Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
NoS(D)				NoS(D)			
	ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
OrdCancel Request(F)				OrdCancel Request (F)			

MAPI				LSEG FX			
	ER(8)	PendingCancel(6)	PendingCancel(6)		ER(8)	PendingCancel(6)**	PendingNew(A)**
	ER(8)	Cancelled(4)	Cancelled(4)		ER(8)	New(0)	New(0)
					ER(8)	Cancelled(4)	Cancelled(4)

## 7.1.2 Client Credit Check Workflows

After matching on the venue, in some circumstances, instead of a venue credit check, the client will enter into a process where they can check their credit before proceeding.

In the event they don't have sufficient credit, it is possible to reduce the quantity involved and agree to match on a reduced volume.

The counterparties used to illustrate the flows will be FIXA and FIXB.

### 7.1.2.1 Client Credit Check Flow initiation

This shows the flow on how a flow of how orders are entered, matched and the Client Credit Check workflow is initiated.

Subsequent workflows will reference this as a starting point.

Cpty	MAPI				LSEG FX			
	Message Received	Message Sent	ExecType	Order Status	Message Received	Message Sent	ExecType	Order Status
Orders Entered from Both Counterparties.								
FIXB is the aggressor.								
FIXA OrderQty = 120								
FIXB OrderQty = 140								
FIXA	NoS(D)				NoS(D)			
		ER(8)	New(0)	New(0)		ER(8)	New(0)	New(0)
FIXB	NoS(D)				NoS(D)			
		ER(8)	New(0)	New(0)		ER(8)	PendingNew(A)	PendingNew(A)
Orders match for 120								
FIXA		ER(8)	Order Status(I)	Filled(2)		ER(8)	Order Status(I)	New(0)
FIXB		ER(8)	Order Status(I)	PFilled(2)		ER(8)	Order Status(I)	New(0)
Client Checks Credit Workflow Initiated for a Quantity of 120								
			Quote/Resp Type				Quote/Resp Type	
FIXA		Quote(S)	Indicative(0)			Quote(S)	Indicative(0)	
FIXB		Quote(S)	Indicative(0)			Quote(S)	Indicative(0)	

### 7.1.2.2 Client Credit Check Workflow – both accept

Assumes that the flow in 7.1.2.1 Client Credit Check Flow initiation has completed.

The Counterparties both accept the original proposal resulting in a Trade.

No.	Cpty	MAPI				LSEG FX			
		Message Received	Message Sent	Quote/Resp Type	Quote Status	Message Received	Message Sent	Quote/Resp Type	Quote Status
QuoteResponses from both counterparties indicate they want to trade for Qty = 120. Once the FIXA or FIXB accept a quote, the counterparty gets an additional QuoteStatusReport that isn't sent in MAPI.									
1	FIXA	QR(AJ)		Hit/Lift(1)		QR(AJ)		Hit/Lift(1)	Accepted(0)
2			QSR(AI)		Active(16)				QSR(AI)
3	FIXB	No message sent on MAPI at this point					QSR(AI)	Query(8)	
4	FIXB	QR(AJ)		Hit/Lift(1)		QR(AJ)		Hit/Lift(1)	
5			QSR(AI)		Active(16)		QSR(AI)		Accepted(0)
6	FIXA	No message sent on MAPI at this point					QSR(AI)		Query(8)
A trade has now occurred and Execution Report Sent for the filled Qty = 120 FIXA has a Fully Filled Trade FIXB has a partially Filled trade with a remaining Qty = 20. (see later items for reposition workflows).									
7	FIXA		ER(8)	Trade(F)	Filled(2)		ER(8)	Trade(F)	Filled(2)
8	FIXB		ER(8)	Trade(F)	PFilled(1)		ER(8)	Trade(F)	PFilled(1)
9	FIXA		ER(8)	Cancelled(4)	Filled(2)	Parent order cancels aren't sent on LSEG			
<b>NOTE</b> Subsequent Reposition/Inhibition workflows are covered in a later example.									

### Values within the Fix Messages for QuoteResponses and Exec Reports.

#### QuoteResponses

No.	Cpty	MAPI			LSEG FX		
		OrderQty (38)	Leg1OrderQty (685)	Leg2OrderQty (685)	OrderQty (38)	Leg1OrderQty (685)	Leg2OrderQty (685)
1	FIXA	120	120	120	120	120	120
4	FIXB	140	120	120	140	120	120

## ExecutionReports

o.	Cpty	MAPI						LSEG FX				
		LastQty (32)	Leaves Qty (151)	CumQty (14)	Order Qty (38)	Leg1 OrdQty (685)	Leg 2OrdQty (685)	LastQty (32)	Leaves Qty (151)	Order Qty (38)	CumQty (14)	Locke d Qty (1808 )
7	FIXA	120	0	120	120	120	120	120	0	120	120	0
8	FIXB	120	20	120	140	120	120	120	20	140	120	0

## 7.1.2.3 Client Credit Check Workflow – credit checking response

There is a new ability for clients to indicate that they are checking credit manually before proceeding with a trade. This wasn't possible on MAPI so just the LSEG example is shown below.

The flow indicates both counterparties in the negotiation are performing credit checking.

Assumes that the flow in 7.1.2.1 Client Credit Check Flow initiation has completed.

Cpty	LSEG FX				
	Message Received	Message Sent	Quote/ Resp Type	Quote Status	Text
FIXA	QR(AJ)		Accept/Credit Checking(11)		
		QSR(AI)		Accepted(0)	
FIX B		QSR(AI)		Query(8)	Counterparty Checking Credit
FIXB	QR(AJ)		Accept/Credit Checking(11)		
		QSR(AI)		Accepted(0)	
FIX A		QSR(AI)		Query(8)	Counterparty Checking Credit

## 7.1.2.4 Client Credit Check Workflow – one side cancels

Assumes that the flow in 7.1.2.1 Client Credit Check Flow initiation has completed.

Cpty	MAPI				LSEG FX			
	Message Received	Message Sent	Quote/ Resp Type	Quote Status	Message Received	Message Sent	Quote/ Resp Type	Quote Status
QuoteResponses from both counterparties indicate they want to trade for Qty = 120.								
FIXA	QR(AJ)		Hit/Lift(1)		QR(AJ)		Hit/Lift(1)	
		QSR(AI)		Active(16)		QSR(AI)		Accepted(0 )
FIXB	No message sent on MAPI at this point					QSR(AI)		Query(8)

Cpty	MAPI				LSEG FX			
FIXB	QR(AJ)		Pass/No Deal (6)		Quote Response(AJ)		Pass/No Deal (6) Text(58) "Full up on Credit"	
		QSR(AI)		Cancelled(17)		QSR(AI)		Cancelled(17)
FIXA		QSR(AI)		Cancelled(17) Text(58) "Full up on Credit"		QSR(AI)		Cancelled(17) Text(58) "Full up on Credit"

The QuoteStatusReport(AI) will indicate if the clients can participate in manual inhibition or reposition workflows via the Stipulations Tags (233,234,235) in the message. In this case it will be:

Client	Manual Inhibition	Reposition
FIXA	YES	YES
FIXB	NO	YES

#### 7.1.2.5 Client Credit Check Workflow – Timeout

Assumes that the flow in 7.1.2.1 Client Credit Check Flow initiation has completed.

Cpty	MAPI				LSEG FX			
	Message Received	Message Sent	Quote/Resp Type	Quote Status	Message Received	Message Sent	Quote/Resp Type	Quote Status

QuoteResponses from both counterparties indicate they want to trade for Qty = 120.

FIXA	QR(AJ)		Hit/Lift(1)		Quote Response(AJ)		Hit/Lift(1)	
		QSR(AI)		Active(16)		QSR(AI)		Accepted(0)
FIXB	<i>No message sent on MAPI at this point</i>					QSR(AI)		Query(8)

FIXB now doesn't make a timely response and the Auto-Timer expires.

FIXB	QSR(AI)		Cancelled (17)		QSR(AI)		Cancelled(17)	
FIXA	QSR(AI)		Cancelled (17)		QSR(AI)		Cancelled(17)	

In both Cancellations the Text(58) will contain "No deal due to no timely response".

The QuoteStatusReport(AI) will indicate if the clients can participate in manual inhibition or reposition workflows via the Stipulations Tags (233,234,235) in the message. In this case it will be:

Client	Manual Inhibition	Reposition
FIXA	YES	YES
FIXB	YES	NO

### 7.1.2.6 Client Credit Check Workflow – Reduce Size

Assumes that the flow in 7.1.2.1 Client Credit Check Flow initiation has completed.

No	Cpty	MAPI				LSEG FX			
		Message Received	Message Sent	Quote/Resp Type	Quote Status	Message Received	Message Sent	Quote/Resp Type	Quote Status
		Initial OrderQty FIXA = 120 FIXB = 140 Initial match shows Qty = 120 QuoteResponse from FIXA reduces (counters) Leg1 Qty = 90, Leg2 Qty = 90 QuoteResponses from FIXB reduces (counters) Leg1 Qty = 90, Leg2 Qty = 90							
1	FIX A	QR(AJ)		Counter(2)		QR(AJ)		Counter(2)	
2			QSR(AI)		Active(16)		QSR(AI)		Accepted(0)
3	FIX B	<i>No message sent on MAPI at this point</i>					QSR(AI)		Query(8)
4	FIX B	QR(AJ)		Counter(2)		QR(AJ)		Counter(2)	
5			QSR(AI)		Active(16)		QSR(AI)		Accepted(0)
6	FIX A	<i>No message sent on MAPI at this point</i>					QSR(AI)		Query(8)
		Trade has now occurred and Execution Report Sent. Original OrderQty = 120 FIXA has a Fully Filled Trade FIXB has a partially Filled trade with a Leaves Qty = 20. - See value comparisons in the ER(8) below in this section.							
7	FIX A		ER(8)	Trade(F)	Filled(2)		ER(8)	Trade(F)	PFilled(1)
8	FIX B		ER(8)	Trade(F)	PFilled(1)		ER(8)	Trade(F)	PFilled(1)
		Notes: Subsequent Reposition/Inhibition workflows are covered in a later example.							

Values within the Fix Messages For the above corresponding QuoteResponses and Exec Reports.

#### QuoteResponses

No.	Cpty	MAPI			LSEG FX		
		OrderQty (38)	Leg1OrderQty (685)	Leg2OrderQty (685)	OrderQty (38)	Leg1OrderQty (685)	Leg2OrderQty (685)
1	FIXA	120	90	90	120	90	90
4	FIXB	140	90	90	140	90	90

#### ExecutionReports

No.	Cpty	MAPI						LSEG FX				
		Last Qty(32)	Leaves Qty (151)	Cum Qty (14)	Order Qty (38)	Leg1Ord Qty (685)	Leg2Ord Qty (685)	LastQty (32)	Leaves Qty (151)	OrderQty (38)	CumQty (14)	Locked Qty (1808)
7	FIXA	120	0	120	120	90	90	90	30	120	90	30
8	FIXB	120	20	120	140	90	90	90	50	140	90	30

#### 7.1.2.7 Client Credit Check Workflow – Bell notification

No significant change from MAPI for the Bell notification.

#### 7.1.2.8 Client Credit Check Workflow – Reposition xx

If we assume that the workflow in [7.1.2.6 Client Credit Check Workflow – Reduce Size](#) has completed.

In this example, FIXB will choose to not reposition, FIXA will choose to reposition.

OCG – Order Cancel Replace

QSR – Quote Status Report

No.	Cpty	MAPI					LSEG FX				
		Msg Received	Msg Sent	Release Instruction (1810)	Exec Type (150)	Ord Status (39)	Msg Received	Msg Sent	Release Instruction (1810)	ExecType (150)	Ord Status (39)
<p>For FIXA: Original Qty = 120, Matched Qty = 120, Traded Qty = 90            For FIXB: Original Qty = 140, Matched Qty = 120, Traded Qty = 90            This means the Order for FIXB has Qty = 20 still on the book.            On LSEG the LockedQty = 30.</p>											
1	FIXA	Order Cancel Replace (G)		Reposition (101)			Order Cancel Replace(G)		Reposition (101)		

No.	Cpty	MAPI					LSEG FX				
2			ER(8)		Pending Replace (E)	Pending Replace (E)	Pending Replace not sent				
3			ER(8)		Replaced (5)	PFilled(1)		ER(8)		Replaced (5)	PFilled(1)
4	FIX B	Order Cancel Request (F)					Order Cancel Replace(G)		Do Not Reposition (102)		
5			ER(8)		Pending Cancel (6)	Pending Cancel (6)	Pending Replace not sent.				
6			ER(8)		Cancelled (4)	PFilled(1)		ER(8)		Replaced (5)	PFilled(1)

#### Values in the Execution reports after cancel/replace

No.	Cpty	MAPI			LSEG FX			
		Leaves Qty (151)	Cum Qty (14)	Order Qty (38)	Leaves Qty (151)	OrderQty (38)	CumQty (14)	Locked Qty (1808)
5	FIXA	30	90	120	0	120	90	0
6	FIXB	20	120	140	30	120*	90	0

\*As the locked Qty is removed, then the max order is now 120.

#### 7.1.2.9 Client Credit Check workflow – Inhibition

No significant change.

#### 7.1.2.10 Client Credit Check workflow – Work-Up

In MAPI it is possible to perform a negotiation to UP the Quantity if SituationType(233)=MAXORDQTY is not present.

This would be the case if and only if the aggressor order consumes all of the provider's remaining primary quantity.

The MAPI flow is as follows:

No.	Cpty	MAPI			
		Message Received	Message Sent	Quote/ Resp Type	Quote Status
		Initial match shows Qty = 120 QuoteResponse from FIXA increases (counters) Leg1 Qty = 130, Leg2 Qty = 130 QuoteResponses from FIXB reduces (counters) Leg1 Qty = 130, Leg2 Qty = 130			



No.	Cpty	MAPI			
1	FIXA	QR(AJ)		Counter(2)	
2			QSR(AI)		Active(18)
3	FIXB	No message sent on MAPI at this point			
4	FIXB	QR(AJ)		Counter(2)	
5			QSR(AI)		Active(18)
6	FIXA	No message sent on MAPI at this point			
		FIXA has a Fully Filled Trade FIXB has a partially Filled trade with a Leaves Qty = 10.			
				ExecType(150)	OrdStatus(39)
7	FIXA		ER(8)	Order Status(I)	Filled(2)
8	FIXB		ER(8)	Order Status(I)	PFilled(1)

In LSEG FX, in order to trade more volume, the initial negotiation must complete.

A new workflow is initiated called Work-Up. Like Negotiating the Quantity UP on MAPI, it can occur if an order consumes all of the provider's remaining primary quantity.

For full details of these flows then reference the FIX SPEC. Below shows an example.

No.	Cpty	LSEG			
		Message Received	Message Sent	Quote/Resp/Exec Type	Quote/Order Status
		FIXA Enters Order of OrderQty = 120 FIXB Enters Order of OrderQty = 120 Client credit checks complete at Qty = 120 The counterparties then trade at Qty = 120 All volume at this level has been removed. An Execution Report for this fill will be sent with a Stipulation(233) for WorkUp = Yes.			
1	FIXA		ER(8)	Trade(F)	Filled(2)
2	FIXB		ER(8)	Trade(F)	Filled(2)
		FIXA initiates the work-up flow.			
3	FIXA	QR(AJ)		WorkUp(10)	
4			QSR(AI)	WorkUp(10)	Accepted(0)
		The Server Generates a new Quote(S) request to both parties to initiate a new negotiation with a new Bid/Offer Spot Rate			
5	FIXA		Q(S)	WorkUp(10)	
6	FIXB		Q(S)	WorkUp(10)	
		FIXB must now accept whether they want to take part in the work-up			
7	FIXB	QR(AJ)		Accept(11)	
8			QSR(AI)	WorkUp(10)	Accepted(0)

No.	Cpty	LSEG			
The Work-Up now moves into a negotiation phase. FIXA submits a new Qty = 75 FIXB response with a Qty = 50					
9	FIXA	QR(AJ)		Hit/Lift(1)	
10			QSR(AI)	WorkUp(10)	Accepted(0)
11	FIXB		QSR(AI)	Query(8) Text 58: "CounterParty proposed amount recieved)	
12		QR(AJ)		Hit/Lift(1)	
13			QSR(AI)	WorkUp(10)	Accepted(0)
A trade off the back of the work-up will execute at Qty = 50					
14	FIXA		ER(8)	Trade(F)	Filled(2)
15	FIXB		ER(8)	Trade(F)	Filled(2)

