



# **FICC CLIENT ONBOARDING AND ENABLEMENT PROTOCOL**

## **FIX 5.0**

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# Table of Contents

<b>DISCLAIMER.....</b>	<b>2</b>
<b>1 INTRODUCTION .....</b>	<b>8</b>
1.1 Business Summary .....	9
1.2 Document structure.....	9
<b>2 FIX SESSION MESSAGES .....</b>	<b>10</b>
2.1 Header Fields.....	11
2.2 Trailer Fields.....	13
2.3 Logon(35=A) Message.....	13
2.4 Heartbeat(35=0) and TestRequest(35=1) .....	14
2.5 Logout(35=5), ResendRequest(35=2), Reject(35=3), SequenceReset(35=4) .....	14
2.6 Note on FIX Field Ordering.....	15
2.7 FIX Message Summary .....	15
2.7.1 <i>Functional Summary</i> .....	16
2.8 Responses and Error Handling .....	16
<b>3 INTERFACE VERSION .....</b>	<b>17</b>
<b>4 FIX MESSAGE FLOWS .....</b>	<b>19</b>
4.1 Client Onboarding and Entitlement Management.....	20
4.1.1 <i>Client Requests for Trader Entitlements</i> .....	20
4.1.2 <i>On-board Trader</i> .....	21
4.1.3 <i>Entitlement Modification or Deletion for Trader</i> .....	22
4.1.4 <i>Off-board Trader</i> .....	23
<b>5 FIX COMMON COMPONENTS .....</b>	<b>25</b>
5.1 EntitlementAttribGrp_UpdateReport .....	26
5.2 EntitlementAttribGrp_DefinitionRequest .....	27
5.3 EntitlementGrp_UpdateReport.....	31
5.4 EntitlementGrp_DefinitionRequest .....	33
5.5 EntitlementSubAttribGrp .....	36
5.6 InstrumentScope_UpdateReport.....	38
5.7 InstrumentScope_DefinitionRequest .....	39
5.8 InstrumentScopeGrp_UpdateReport .....	41
5.9 InstrumentScopeGrp_DefinitionRequest.....	42
5.10 PartyDetailGrp_UpdateReport.....	42
5.11 PartyDetailGrp_DefinitionRequest .....	43
5.12 PartyDetailSubGrp_UpdateReport.....	44
5.13 PartyDetailSubGrp_DefinitionRequest.....	45
5.14 PartyEntitlementUpdateGrp_UpdateReport .....	46
5.15 PartyEntitlementUpdateGrp_DefinitionRequest .....	47
5.16 RelatedPartyDetailGrp_UpdateReport .....	48
5.17 RelatedPartyDetailGrp_DefinitionRequest .....	49
5.18 RelatedPartyDetailSubGrp .....	54
5.19 RequestingPartyGrp_UpdateReport .....	55
5.20 RequestingPartyGrp_DefinitionRequest .....	56
5.21 RequestingPartySubGrp .....	57

5.22	RootParties.....	57
<b>6</b>	<b>FIX MESSAGE TABLES .....</b>	<b>59</b>
6.1	PartyEntitlementsUpdateReport(35=CZ) .....	60
6.2	PartyEntitlementsDefinitionRequest(35=DA) .....	61
6.3	PartyEntitlementsDefinitionRequestAck(35=DB).....	64
6.4	BusinessMessageReject(35=j) .....	67
	Appendix 6-A: Supported values for EntitlementAttribValue(1780).....	68
	Appendix 6-B: Bloomberg Industry Codes.....	72
<b>7</b>	<b>APPENDIX A – MESSAGE SAMPLES.....</b>	<b>74</b>
7.1	Samples for ENAB and ENFI .....	75
7.1.1	<i>Entitlement Request Notification to Dealer from Bloomberg</i> .....	75
7.1.1.1	Sample 1 - Request to Dealer 1 from Bloomberg.....	75
7.1.1.2	Sample 2 - Request to Dealer2 from Bloomberg .....	77
7.1.2	<i>Entitlement Setup Request from Dealer to Bloomberg</i> .....	80
7.1.2.1	Sample 1 - Response from Dealer1 to Bloomberg .....	80
7.1.2.2	Sample 2 - Response from Dealer1 to Bloomberg .....	83
7.1.2.3	Sample 3 - Response from Dealer1 to Bloomberg .....	86
7.2	Samples for ERQS and NFPV .....	86
7.2.1	<i>ERQS Samples</i> .....	86
7.2.1.1	Sample ERQS Entitlement Request Notification to Dealer from Bloomberg .....	86
7.2.2	<i>NFPV Samples</i> .....	88
7.2.2.1	Entitlement Setup Request from Dealer to Bloomberg .....	88
7.2.2.2	Entitlement Setup Request from Dealer to block sell-side .....	90
7.2.2.3	Entitlement Setup Request from Dealer to block country .....	91
7.2.2.4	Entitlement Setup Request with "N+" feature .....	92
7.3	Samples for FXGO and FXPV.....	94
7.3.1	<i>Taker request for enablement</i> .....	94
7.3.1.1	Enablement for a trader.....	94
7.3.1.2	Enablement for deal code .....	97
7.3.2	<i>Maker provides client alias account mappings</i> .....	100
7.3.3	<i>Maker sets trader's or deal code's spread profile</i> .....	104
7.3.4	<i>Maker assigns a spread bucket for a currency in a profile</i> .....	106
7.3.5	<i>Maker provides client ID mappings</i> .....	109
7.3.6	<i>Maker assigns credit bucket</i> .....	111
7.3.7	<i>Maker assigns post-trade deal code</i> .....	112
7.3.8	<i>Maker assigns sales person</i> .....	114
7.3.9	<i>Maker enables user or deal code</i> .....	115
7.3.10	<i>Taker request for an account to be mapped</i> .....	118
<b>8</b>	<b>APPENDIX B – ENAB ENTITLEMENT MAPPINGS .....</b>	<b>121</b>
<b>9</b>	<b>APPENDIX C – FIX DATA TYPES .....</b>	<b>180</b>
	<b>DOCUMENT HISTORY .....</b>	<b>187</b>

# Table of Tables

Table 1: Document section summary .....	9
Table 2: FIX Message Header .....	11
Table 3: FIX Message Trailer .....	13
Table 4: Logon Message.....	14
Table 5: FIX Message Usage Summary.....	15
Table 6: FIX Message Usage by Function .....	16
Table 7: FIX Response Matrix.....	16
Table 8: EntitlementAttribGrp_UpdateReport Component Table .....	26
Table 9: EntitlementAttribGrp_DefinitionRequest Component Table .....	27
Table 10: EntitlementGrp_UpdateReport Component Table.....	31
Table 11: EntitlementGrp_DefinitionRequest Component Table.....	33
Table 12: EntitlementSubAttribGrp Component Table .....	36
Table 13: InstrumentScope_UpdateReport Component Table .....	38
Table 14: InstrumentScope_DefinitionRequest Component Table.....	39
Table 15: InstrumentScopeGrp_UpdateReport Component Table .....	41
Table 16: InstrumentScopeGrp_DefinitionRequest Component Table.....	42
Table 17: PartyDetailGrp_UpdateReport Component Table.....	42
Table 18: PartyDetailGrp_DefinitionRequest Component Table.....	43
Table 19: PartyDetailSubGrp_UpdateReport Component Table.....	45
Table 20: PartyDetailSubGrp_DefinitionRequest Component Table.....	45
Table 21: PartyEntitlementUpdateGrp_UpdateReport Component Table .....	46
Table 22: PartyEntitlementUpdateGrp_DefinitionRequest Component Table .....	47
Table 23: RelatedPartyDetailGrp_UpdateReport Component Table.....	48
Table 24: RelatedPartyDetailGrp_DefinitionRequest Component Table .....	49
Table 25: RelatedPartyDetailSubGrp Component Table.....	55
Table 26: RequestingPartyGrp_UpdateReport Component Table .....	55
Table 27: RequestingPartyGrp_DefinitionRequest Component Table .....	56
Table 28: RequestingPartySubGrp Component Table .....	57
Table 29: RootParties Component Table .....	58
Table 30: PartyEntitlementsUpdateReport(35=CZ) .....	60
Table 31: PartyEntitlementsDefintionRequest(35=DA) .....	63
Table 32: PartyEntitlementsDefinitionRequestAck(35=DB).....	64
Table 33: BusinessMessageReject message table .....	67
Table 34: Supported values for EntitlementAttribValue(1780) .....	68
Table 35: Bloomberg Industry Codes.....	72
Table 35: Sample data set for ENAB/ENFI entitlement request notification.....	75
Table 36: ENAB/ENFI Sample Entitlement Request Notification to Dealer 1 from Bloomberg.....	75
Table 37: ENAN/ENFI Sample Entitlement Request Notification to Dealer 2 from Bloomberg .....	77
Table 38: Sample data set for ENAB/ENFI entitlement setup request .....	80
Table 39: ENAB/ENFI Sample Entitlement Setup Request from Dealer to Bloomberg .....	80
Table 40: ENAB/ENFI Sample Entitlement Setup Request from Dealer to Bloomberg .....	83
Table 41: ERQS Sample Entitlement Setup Request from Dealer to Bloomberg.....	86
Table 42: NFPV Sample Entitlement Setup Request from Dealer to Bloomberg .....	88
Table 43: NFPV Sample of Dealer Blocking Sell-sides .....	90

Table 44: NFPV Sample of Dealer blocking Country .....	91
Table 45: NFPV Sample of Dealer using the "Plus" feature .....	93
Table 46: Taker requests for trader enablement.....	95
Table 47: Taker requests for deal code enablement .....	98
Table 48: Maker provides client account alias mapping.....	100
Table 49: Maker assigns trader or deal code to a spread profile .....	104
Table 50: Maker assigns spread bucket for a currency in a profile .....	107
Table 51: Maker provides FXPV account mappings.....	109
Table 52: Maker assigns credit bucket.....	111
Table 53: Maker assigns post-trade deal code .....	113
Table 54: Maker assigns sales person.....	114
Table 55: Maker enable user or deal code .....	116
Table 56: Taker request for an account to be mapped .....	119
Table 57: ENAB Entitlement Mappings.....	122
Table 58: FIX Data Type Descriptions.....	181

## Table of Figures

Figure 1: Buy-side requests for entitlements with Sell-side .....	21
Figure 2: Sell-side request to on-board new client .....	22
Figure 3: Sell-side modifies or deletes Buy-side entitlements.....	23
Figure 4: Sell-side off-boards Buy-side.....	24
Figure 5: PartyEntitlementsDefinitionsRequest(35=DA) message block diagram.....	63

# 1 Introduction

## **1.1 Business Summary**

This specification describes the messaging requirements for sell-side firms to manage their clients' onboarding, manage client entitlement and price stream assignment on Bloomberg FICC's FXGO/FXPV, FIT-ENFI and NFPV onboarding platforms. Bloomberg is leveraging the Financial Information eXchange (FIX) Protocol to support these functions electronically.

The FIX Protocol was chosen as it is the global messaging standard across the financial industry for pre-trade, trade and post trade communication.

This document is not intended to cover how to and what is needed to implement the FIX Protocol. This document covers the FIX messages and fields that are supported by Bloomberg, describing the message flows and the requirements for integrating with Bloomberg using FIX. The use of the FIX messaging interface allows Bloomberg's clients to achieve straight-through processing by integrating their order or trade management systems directly with Bloomberg's infrastructure.

Bloomberg's support of FIX builds on the FIX 5.0 SP2 standard specification incorporating published Extension Packs where needed. There are additional requirements specified in this document that are above the standard specification. Any requirements in the standard specification will also be required by Bloomberg's FIX implementation.

It is assumed that the implementer is familiar with the standard FIX 5.0 SP2 specification and subsequent extension packs published by FIX Protocol, including standard requirements and data types used by the protocol. Further information about the FIX specification and extension packs can be found here: <http://www.fixtradingcommunity.org/pg/structure/tech-specs/fix-version/50-service-pack-2>

## **1.2 Document structure**

A brief summary of each subsequent section and product coverage for each section is provided in the tables below.

**Table 1: Document section summary**

Section	Description
Section 2: FIX Session Messages	This section describes the FIX session layer messages that are supported. This section is common to all FIX connections into Bloomberg.
Section 3: Interface Version	This section summarizes the document version against the corresponding software release version.
Section 4: FIX Message Flows	This section illustrates the FIX messages flows used to support the Bloomberg business workflow.
Appendix A: Message Samples	This section provides sample FIX messages utilized by the different onboarding platforms.
Appendix B: ENAB Entitlement Mappings	This section provides details how ENAB entitlements are expressed in the FIX messages.
Appendix C: FIX Data Types	This appendix lists the standard FIX Data Types and their definitions.

## **2 FIX Session Messages**

Bloomberg supports all of the FIX session level messages (also known as FIX administrative messages) as documented in the FIX Protocol specification. These messages include: Logon, Logout, ResendRequest, TestRequest, Reject, and SequenceReset/Gapfill.

Each FIX message, whether it is an administrative or application level message, is made up of three segments: header, body and trailer. The fields supported and required by Bloomberg in the header and trailer are detailed in the tables below.

## 2.1 Header Fields

The FIX Header is included on every FIX message sent. Most of the data values of these fields should be taken care of by the FIX engine. However, there are some fields that are based on the configuration for the specific FIX session: BeginString(8), SenderCompID(49), TargetCompID(56).

In FIX 5.0 the value in BeginString(8) for the classic session layer is “FIX.1.1”.

Each message sent will be required to set the following fields in the StandardHeader to indicate which version of the interface is being used: ApplVerID(1128), ApplExtID(1156) and CstmApplVerID(1129). See also Section 3 for more information on values to use in the CstmApplVerID(1129) field.

**Table 2: FIX Message Header**

<StandardHeader> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
BeginString	8	String	Y	Always set to: FIXT.1.1
BodyLength	9	Length	Y	Message length, in bytes, forward to the CheckSum(10) field. Always the second field of the message.
MsgType	35	String	Y	Always the third field of the message.  Supported values: 0 = Heartbeat 1 = TestRequest 2 = ResendRequest 3 = Reject 4 = SequenceReset 5 = Logout A = Logon CZ = PartyEntitlementsUpdateReport DA = PartyEntitlementsDefinitionRequest DB = PartyEntitlementsDefinitionRequestAck j = BusinessMessageReject
ApplVerID	1128	String	Y	Indicates FIX application version identifier or a Service Pack identifier for this message.  Supported values: 9 = FIX50SP2

<StandardHeader> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
ApplExtID	1156	int	Y	<p>Indicates the FIX Extension Pack identifier for this message. The value in this field will be the latest Extension Pack identifier as available and published by FIX.</p> <p>Supported values: 196 = EP196</p>
CstmApplVerID	1129	String	Y	Used to support bilaterally agreed custom functionality. Indicates the custom version identifier for this message. See table in Section 3 for appropriate values to use.
SenderCompid	49	String	Y	<p>Messages sent by Bloomberg will set this field to tbd for the production environment and tbd for the beta environment.</p> <p>Messages sent by the counterparty will be the same as the value set in the TargetCompid(56) field of the messages originated by Bloomberg.</p>
TargetCompid	56	String	Y	<p>Bloomberg will set this field to a value that is bilaterally agreed upon with the counterparty.</p> <p>Messages sent by the counterparty will set this field to tbd for production and tbd for test environments. If other values are required it must be bilaterally agreed upon.</p>
OnBehalfOfCompid	115	String	N	<p>Incoming messages from counterparty are not required to use this field.</p> <p>Outgoing messages from Bloomberg to counterparty, Bloomberg may set this field to indicate which system the message came from.</p> <p>Supported values: ENAB = Routing to/from ENAB FXPV = Routing to/from FXPV NFPV = Routing to/from NFPV</p>
DeliverToCompid	128	String	N	<p>Incoming messages from counterparty are required to use this field.</p> <p>Outgoing messages from Bloomberg to counterparty will not use this field.</p> <p>Supported values: ENAB = Routing to/from ENAB FXPV = Routing to/from FXPV NFPV = Routing to/from NFPV</p>
MsgSeqNum	34	SeqNum	Y	Integer message sequence number.
PossDupFlag	43	Boolean	N	Indicates possible retransmission of message with this

<StandardHeader> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>sequence number. Valid values:</p> <p>Supported values: N = Original transmission Y = Possible duplicate</p>
PossResend	97	Boolean	N	<p>Indicates that message may contain information that has been sent under another sequence number. Valid values:</p> <p>Supported values: N = Original Transmission Y = Possible Resend</p>
SendingTime	52	UTCTimestamp	Y	Time of message transmission.
OrigSendingTime	122	UTCTimestamp	N	Original time of message transmission when retransmitting as the result of a resend request.

## 2.2 Trailer Fields

The FIX Trailer is included on every FIX message sent. Bloomberg does not support any of the optional fields in the Trailer, only the CheckSum field which is required. The value for the CheckSum field will be handled by the FIX engine as it is a calculated value.

**Table 3: FIX Message Trailer**

<StandardTrailer> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
CheckSum	10	String	Y	Three byte, simple checksum.

## 2.3 Logon(35=A) Message

The Logon(35=A) message is used to establish a FIX session. It is always sent by the initiator of the session. The respondent of the session will respond with a Logon message.

Clients (whether buy-side firms or broker/dealer firms) always initiate sessions to Bloomberg. Bloomberg will always be the server listening for Logon(35=A) requests.

**Table 4: Logon Message**

<Logon> - MsgType(35)= A				
Name	Tag	FIX Data Type	Rq'd	Description
<StandardHeader> component		Y		MsgType = A
EncryptMethod	98	int	Y	This will always be set to 0 since Bloomberg does not support encryption within the FIX message.  Supported values: 0 = None / Other
HeartBtInt	108	int	Y	Bloomberg will set this value to 60 seconds by default. Counterparty is expected to echo back this value in their Logon message in response. Bloomberg does not negotiate this value using the protocol. If another heartbeat interval value is desired by the counterparty it must be bilaterally agreed upon.
DefaultApplVerID	1137	String	Y	The default version of FIX messages used in this session.  Supported values: 9 = FIX50SP2
DefaultApplExtID	1407	int	N	The default extension pack for FIX messages used in this session.  Supported values: 196 = EP196
<StandardTrailer> component		Y		

## 2.4 Heartbeat(35=0) and TestRequest(35=1)

The Heartbeat(35=0) and TestRequest(35=1) messages are to be used per the FIX specification. Bloomberg will use these two messages to determine whether the counterparty connection is still live or not. In the event that a Heartbeat(35=0) message is sent to the counterparty and there is no response within the agreed upon heartbeat interval (see HeartBtInt(108) in Logon(35=A) message), a TestRequest(35=1) message will be sent. The counterparty is obligated to respond immediately to the TestRequest(35=1), per the FIX specification. If Bloomberg does not receive a response to the TestRequest(35=1) message within the heartbeat interval, Bloomberg will terminate the FIX session to the counterparty.

## 2.5 Logout(35=5), ResendRequest(35=2), Reject(35=3), SequenceReset(35=4)

These administrative messages are to be used per the FIX specification.

## 2.6 Note on FIX Field Ordering

The FIX Protocol standard specifies the following regarding ordering or sequence of fields within a FIX message:

Fields within a message can be defined in any sequence (relative position of a field within a message is inconsequential). The exceptions to this rule are:

- The general message format is composed of the standard header followed by the body followed by the standard trailer.
- The first three fields in the standard header are BeginString(8) followed by BodyLength(9) followed by MsgType(35).
- The last field in the standard trailer is the CheckSum(10)
- Fields within repeating data groups must be specified in the order that the fields are specified in the message definition within the FIX specification document. The NoXXX field where XXX is the field being counted specifies the number of repeating group instances that must immediately precede the repeating group contents.
- A tag number (field) should only appear in a message once (except within a repeating data group definition). If it appears more than once in the message it should be considered an error with the specification document.

## 2.7 FIX Message Summary

The table below summarizes all the FIX messages used in this API and how they are used.

The following FIX 5.0 messages are used in this specification. Bloomberg will return a BusinessMessageReject(35=j) for any unsupported FIX message type received that is not defined in this specification.

**Table 5: FIX Message Usage Summary**

Name	FIX Msg Type	Usage	Direction
PartyEntitlementsUpdateReport	CZ	Sent by Bloomberg to the Dealer to inform the Dealer on client requests for entitlements to be setup at the Dealer.	Out
PartyEntitlementsDefinitionRequest	DA	Sent by the Dealer to setup entitlements for the customer/trader on Bloomberg.  Entitlements include the types of securities the customer/trader can trade, what actions they may take, etc.	In
PartyEntitlementsDefinitionRequestAck	DB	Sent by Bloomberg to acknowledge the PartyEntitlementsDefinitionRequest(35 =DA) message.  It is possible for Bloomberg to reject the request message if the specified party is unknown, or the requesting party is not authorized to make the request.	Out

## 2.7.1 Functional Summary

The table below summarizes based on the desired sell-side function which message to use.

**Table 6: FIX Message Usage by Function**

Function	Message Type
Set the trading entitlements for a customer	PartyEntitlementsDefinitionRequest(35=DA)

## 2.8 Responses and Error Handling

FIX Protocol is very specific in defining appropriate responses to particular messages. Only in extraordinary circumstances should this be sidestepped. The following table gives a summary of usage implemented by Bloomberg.

Note that the BusinessMessageReject(35=j) message can be used as a rejection to any message under specific exception rules. See Section 6.4 for details to the usage of this message.

**Table 7: FIX Response Matrix**

Situation	Appropriate Response
Any application-level message which fulfills session-level rules but cannot be rejected by any other means, for example when an application message arrives but the local application is not running, the message type is not supported or a conditionally required field is missing.  PartyEntitlementsUpdateReport(35=CZ) PartyEntitlementsDefinitionRequestAck(35=DB)	Use BusinessMessageReject(35=j) with:  BusinessRejectReason(380) = <encoded reject reason> Text(58) = <descriptive reason for reject>
PartyEntitlementsDefinitionRequest(35=DA)	Use PartyEntitlementsDefinitionRequestAck(35=DB) with EntitlementRequestStatus(1882) = 0 (Accepted)  If a reject: EntitlementRequestStatus(1882) = 2 (Rejected) EntitlementRequestResult(1881) = <encoded result code> Text(58) = descriptive reason for reject

# **3 Interface Version**

Bloomberg recommends that the Bloomberg Onboarding and Entitlements specification Document Version number be included in the CstmApplVerID(1129) field of the StandardHeader (see Section 2.1). This allows Bloomberg to identify which specification Document Version number the customer has implemented against when connecting to Bloomberg Onboarding and Entitlements.

Implementations are required to set the ApplVerID(1128), ApplExtID(1156) and CstmApplVerID91129) fields in the StandardHeader. If the values are not correctly specified Bloomberg will reject the message received with the BusinessRejectMessage(35=j) with the appropriate rejection code and/or text specified.

The Onboarding and Entitlements specification's Document Version number is found on the cover page or in the footer of this document.

# 4 FIX Message Flows

This section details the FIX message flows supported by Bloomberg FICC for onboarding and setting up entitlements for the sell-side's clients.

## **4.1 Client Onboarding and Entitlement Management**

Bloomberg allows the sell-side to manage their client's onboarding and entitlements electronically via a FIX interface. Client onboarding consists primarily of setting up new buy-side traders and their entitlements on the various Bloomberg trading and pricing feed platforms as determined by the sell-side. The onboarding management also includes the ability for the sell-side to off-board the client, i.e. shut off the client once the relationship is terminated or terminate specific entitlements.

Entitlements that can be managed electronically may include limiting a trader's ability to trade only certain asset types, trade on certain platforms, subscribe to price feeds, etc.

The entitlement settings are considered to be "owned" by the sell-side, however, the buy-side may request, via Bloomberg, the sell-side to setup a particular trader to trade certain asset types, for example. Bloomberg will centrally manage the current status of all the entitlements. Sell-side initiates a request to add, modify or delete their client's entitlements with Bloomberg and may do so unilaterally at any time.

### **4.1.1 Client Requests for Trader Entitlements**

The diagram below illustrates the scenario where the buy-side submit requests, via Bloomberg, to the sell-side to setup new entitlements for the buy-side to do business with the targeted sell-side, modify an existing entitlement or delete an existing entitlement. Bloomberg will push buy-side entitlement requests to the sell-side when the requests are made.

The request is communicated to the sell-side by Bloomberg as a pending request that the sell-side needs to take action on.

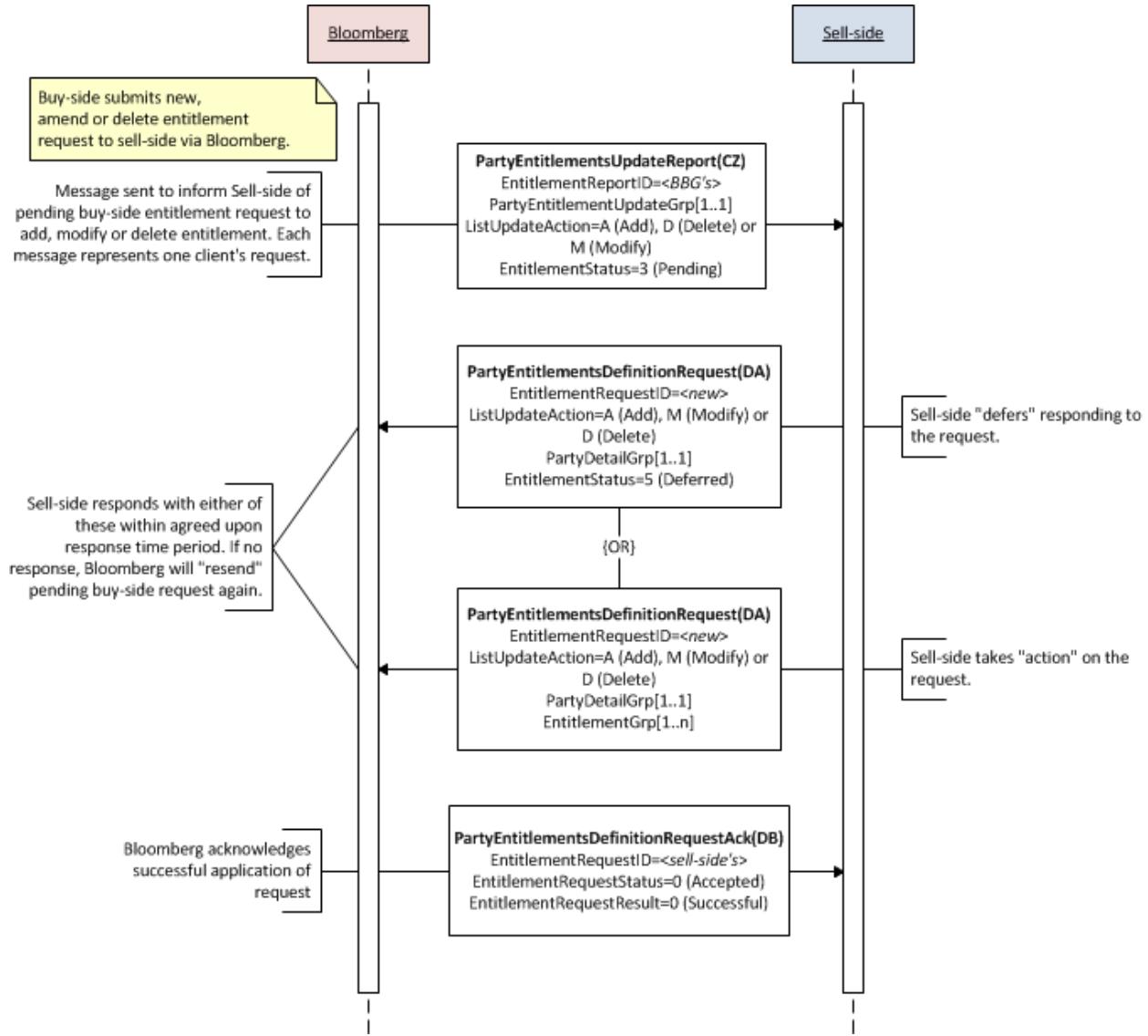
It should be noted that the sell-side is not required to respond immediately or even on the same day the request is sent. However, the sell-side is expected to respond within a certain period of time, to be agreed upon by Bloomberg and the sell-side. Should the sell-side fail to respond within this set period of time, Bloomberg will assume the message was not received and "resend"<sup>1</sup> the entitlement request to the sell-side as a new request. It should be noted that this "resend" is to be treated as a "new" request and the EntitlementReportID(1771) of the PartyEntitlementsUpdateReport(35=CZ) will contain a new value. Bloomberg will continue to "resend" the request for a period of up to one week. If there the sell-side does not respond to the request after one week, Bloomberg will cease to "resend" the request. However, the outstanding request is still considered a valid request.

In the event the sell-side wishes to delay providing a response for the request (e.g. whether to accept or reject the request), a PartyEntitlementsDefinitionRequest(35=DA) should be sent with EntitlementStatus(1883)=5 (Deferred) within the agreed upon set period of time.

---

<sup>1</sup> This "resend" is not to be confused with session level resend with PossDupFlag(37)=Y set due to session recovery.

**Figure 1: Buy-side requests for entitlements with Sell-side**



#### 4.1.2 On-board Trader

It is possible for the sell-side to initiate unilaterally the addition of a new client and their entitlements into Bloomberg.

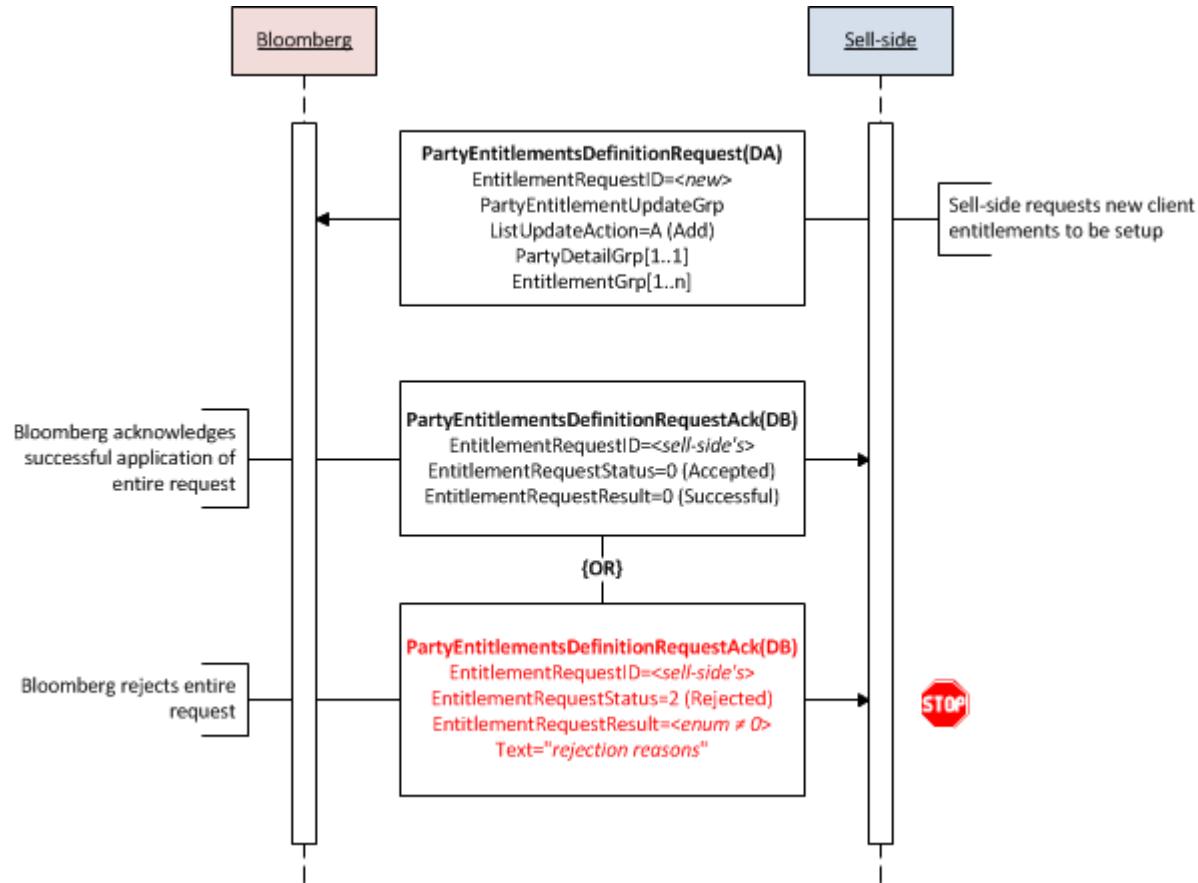
The diagram below illustrates the message flows in which the sell-side initiates a request to add or on-board a trader at the client.

Bloomberg may either accept or reject the request. Bloomberg may reject if the specified client is not a known client in the Bloomberg system, or the party making the request is not authorized to make the request.

For FXGO, a PartyEntitlementsDefinitionRequest(35=DA) containing partially correct information leading to partial failure in updates will result in a PartyEntitlementsDefinitionRequestAck(35=DB) message with

EntitlementRequestStatus(1882)=100 (Partially accepted) being sent. The EntitlementStatus(1883) and EntitlementResult(1884) of each instance of PartyEntitlementAckGrp should be interrogated to determine which updates succeeded or failed.

**Figure 2: Sell-side request to on-board new client**



#### 4.1.3 Entitlement Modification or Deletion for Trader

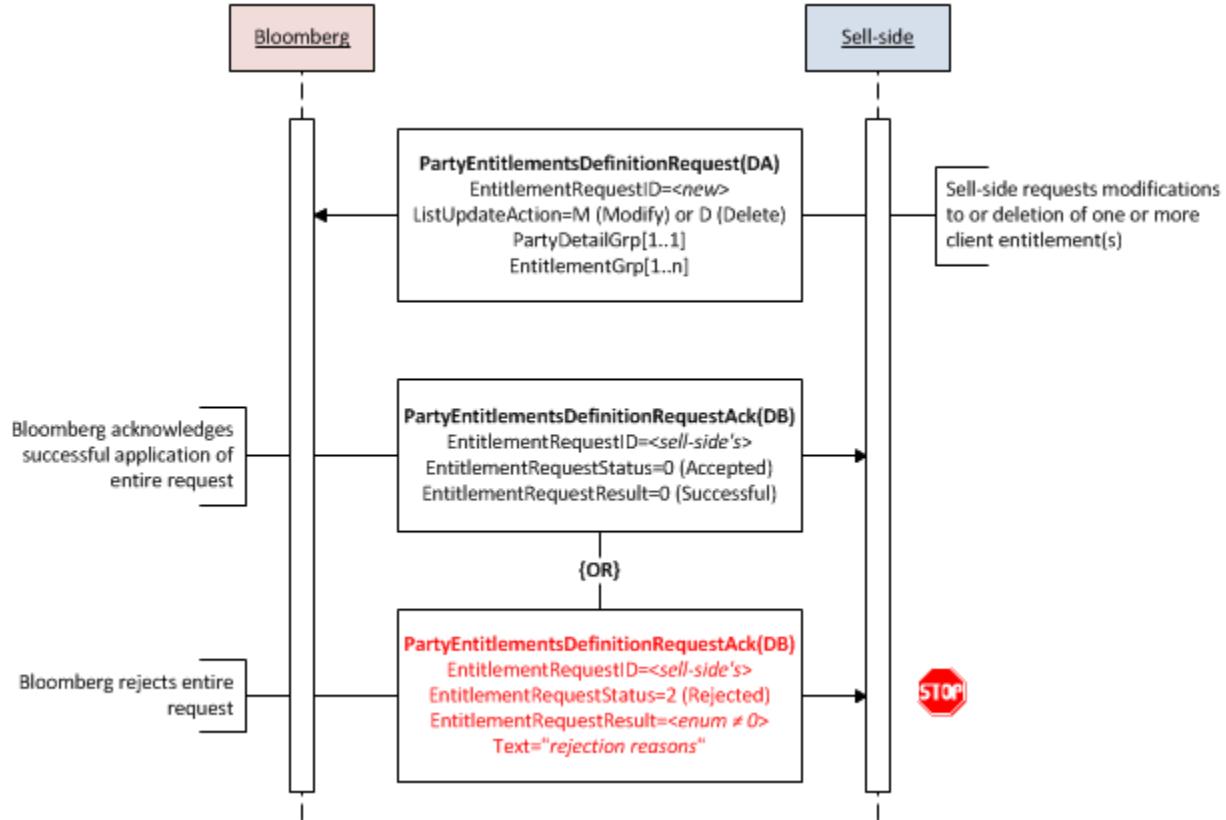
The sell-side may request to modify or delete existing client entitlements. The diagram below illustrates the message flows to support this. The request from the sell-side may be done unilaterally or based on a "pending" request from the client via Bloomberg's notification as shown in Section 4.1.1.

Bloomberg may either accept or reject the request. Bloomberg may reject if the specified client is not a known client in the Bloomberg system, or the party making the request is not authorized to make the request. It should be noted that for ENAB, individual entitlements cannot be deleted for the specified party; it is an "all or nothing" deletion operation.

For FXGO, a **PartyEntitlementsDefinitionRequest(35=DA)** containing partially correct information leading to partial failure in updates will result in a **PartyEntitlementsDefinitionRequestAck(35=DB)** message with **EntitlementRequestStatus(1882)=100 (Partially accepted)** being sent. The **EntitlementStatus(1883)** and

EntitlementResult(1884) of each instance of PartyEntitlementAckGrp should be interrogated to determine which updates succeeded or failed.

**Figure 3: Sell-side modifies or deletes Buy-side entitlements**



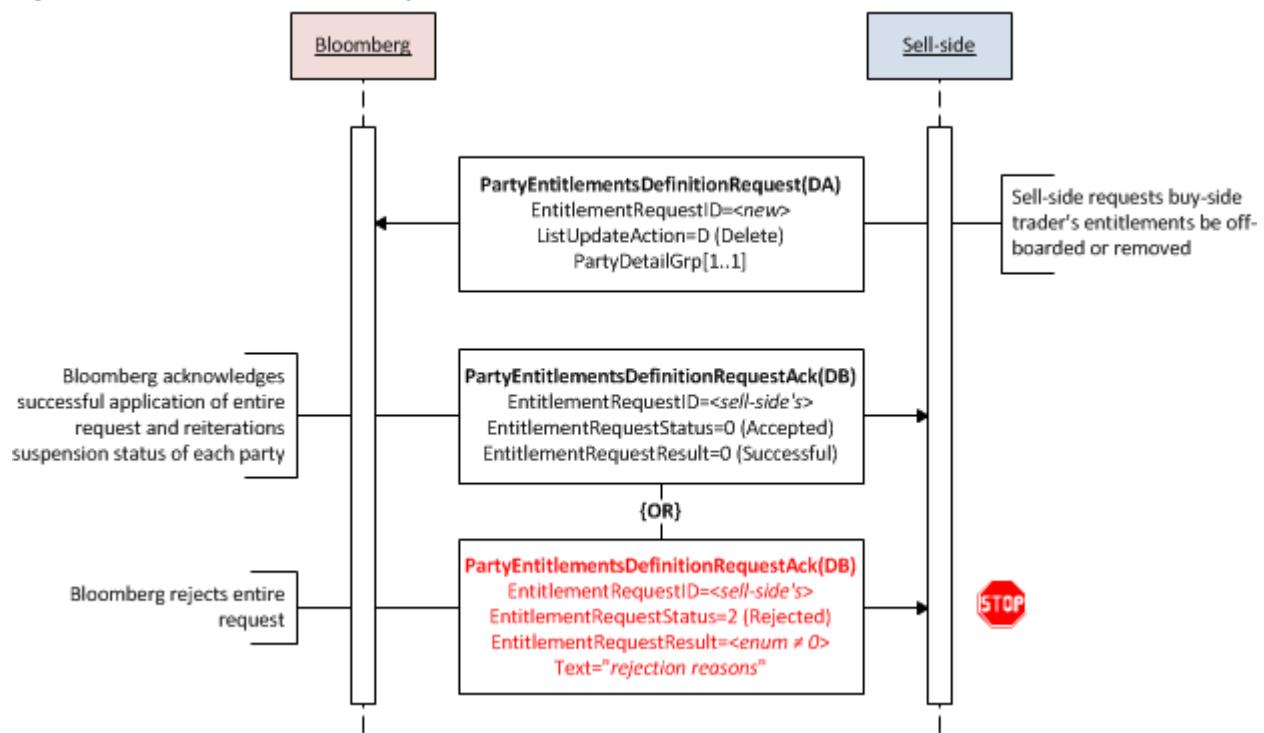
#### 4.1.4 Off-board Trader

In the event that a buy-side trader no longer has business relationship with the sell-side, the sell-side may send Bloomberg a request to off-board the client's trader. Off-boarding a client would effectively delete or remove the trader's entitlement settings in relation to the sell-side making the request only. It would not affect the buy-side trader's entitlement credentials with other sell-sides they do business with.

The diagram below illustrates the message flows used to support this scenario. Bloomberg may either accept or reject the request. Bloomberg may reject if the specified client is not a known client in the Bloomberg system, or the party making the request is not authorized to make the request.

For FXGO, a **PartyEntitlementsDefinitionRequest(35=DA)** containing partially correct information leading to partial failure in updates will result in a **PartyEntitlementsDefinitionRequestAck(35=DB)** message with **EntitlementRequestStatus(1882)=100** (Partially accepted) being sent. The **EntitlementStatus(1883)** and **EntitlementResult(1884)** of each instance of **PartyEntitlementAckGrp** should be interrogated to determine which updates succeeded or failed.

**Figure 4: Sell-side off-boards Buy-side**



# **5 FIX Common Components**

The section contains descriptions of each of the components used in Bloomberg's FIX Interface messages.

## **5.1 EntitlementAttribGrp\_UpdateReport**

Used in Components:

EntitlementGrp\_UpdateReport

**Table 8: EntitlementAttribGrp\_UpdateReport Component Table**

<EntitlementAttribGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoEntitlementAttrib	1777	NumInGroup	N	
→ EntitlementAttribType	1778	int	N	<p>Required if NoEntitlementAttrib(1777) &gt; 0.          Specifies the entitlement attribute type.          See "Supported values for EntitlementAttribValue(1780)" Appendix for valid values associated with the non-Boolean attribute types.</p> <p>Supported values:          5024 = Clearinghouse - [String] Used to identify the clearinghouse the dealer uses for client.          5036 = NFPV EID Code - [int] Used to identify the NFPV EID code. EntitlementAttribValue(1780) takes a valid EID code. NFPV will validate.          5037 = NFPV EID Product name - [String] Used to specify the NFPV EID code's corresponding product name. EntitlementAttribValue(1780) takes a valid EID product name. NFPV will validate that it corresponds with the specified EID, if both are specified.          5038 = Tiered - [Boolean] Indicates whether the customer is to be tiered for NFPV price feeds.          5060 = Spread bucket - [String] For FXGO/FXPV. Identifies the spread bucket. May be used for party enablement or for spread bucket assignment to a spread profile. Used with EntitlementType(1775)=1014 (Profile setting).          5061 = Credit bucket - [String] For FXGO/FXPV. Identifies the credit bucket the identified party is enabled for.          5062 = Profile - [String] For FXGO/FXPV. Identifies the profile name. Used when setting up or modifying profile, associating currency pairs to spread bucket and trading platform. Used with EntitlementType(1775)=1014 (Profile setting).</p>
→ EntitlementAttribDataty	1779	int	N	Required if NoEntitlementAttrib(1777) > 0. Specifies the data type for the specified

<EntitlementAttribGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
pe				<p>EntitlementAttribType(1778).</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>1 = int</li> <li>13 = Boolean</li> <li>14 = String</li> </ul>
→ EntitlementAttribValue	1780	String	N	<p>Required if NoEntitlementAttrib(1777) &gt; 0.</p> <p>The value corresponding to the EntitlementAttribType(1778).</p> <p>See "Supported values for EntitlementAttribValue(1780)" Appendix for list of supported values. Other supported values include Boolean (Y/N), ISO currency code, string, integer, amount or quantity values appropriate to the EntitlementAttribType(1778).</p>

## 5.2 *EntitlementAttribGrp\_DefinitionRequest*

Used in Components:

EntitlementGrp\_DefinitionRequest

**Table 9: EntitlementAttribGrp\_DefinitionRequest Component Table**

<EntitlementAttribGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoEntitlementAttrib	1777	NumInGroup	N	The number of entitlement attributes for the specified EntitlementType(1775).
→ EntitlementAttribType	1778	int	N	<p>Required if NoEntitlementAttrib(1777) &gt; 0.</p> <p>Specifies the entitlement attribute type.</p> <p>See "Supported values for EntitlementAttribValue(1780)" Appendix for valid values associated with the non-Boolean attribute types.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>5000 = Butterfly trading - [Boolean]</li> <li>5001 = Cross trading - [Boolean]</li> <li>5002 = Direct orders - [Boolean]</li> <li>5003 = Exchange for Physical inquiry - [Boolean]</li> <li>5004 = Emerging Market list execution - [Boolean]</li> <li>5005 = List execution - [Boolean]</li> </ul>

<EntitlementAttribGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>5006 = Outright trading - [Boolean]      5007 = Basis spread trading - [Boolean]      5008 = Swap/Switch trading - [Boolean]      5009 = Target priced - [Boolean]      5010 = U.S. spread trading - [Boolean]      5011 = Zero-sized trading - [Boolean] Dealer will allow client to send quote requests even if dealer is not showing any sizes for the security.      5012 = Block mandatory-to-clear - [Boolean] Specified party is blocked for bilateral trading on mandatory-to-clear products.      5013 = Block BGL Trading - [Boolean] Specified party is blocked for BGL trading.      5014 = Block unseasoned securities - [Boolean] Specified party is blocked for trading unseasoned securities (instruments less than 40 days after issuance).      5015 = Non-standard swap - [Boolean] Specified party may trade non-standard swaps or not. This must be specified with EntitlementAttribValue="Y" in order to set customized sector via EntitlementAttribType=5035 (Sector).      5016 = Convertible Long/Short Sell strategy - [Boolean]      5017 = Delivery type - [String]      5018 = JGB tax status - [String]      5019 = Order type - [String]      5020 = Sales person notification message filter - [int] Indicates what event will trigger a notification to salesperson when their client is trading.      5021 = Minimum order size - [Qty] Minimum notional order size in thousands ('000).      5022 = Route to - [String] May be used with EntitlementType(1775)=7 (Submit quote request). See Appendix 5-A for valid values.      5023 = Termination type - [String]      5024 = Clearinghouse - [String] Used to identify the clearinghouse the dealer uses for client.      5025 = Non-standard settlement - [Boolean] Specified party may specify non-standard settlement for their order/trade.      5026 = TOMS STP Routing - [String]      5027 = Side - [String] Use with EntitlementType(1775)=0 (Trade) + EntitlementSubType(2402)=1 (Order entry).      5028 = Class - [int] Use with EntitlementPlatform(1784)=CP.      5029 = Markitwire Dealer Group ID - [String] Specify ISO currency override in EntitlementAttribCurrency(1781). Dealer override of Markitwire currency-specific settlement.      5030 = TOMS Price level - [String] Specified party's   </p>

<EntitlementAttribGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>price tier in TOMS.</p> <p>5031 = Percent variance - [Float] The variance in percentage terms from offered size client may vary on a repo trade.</p> <p>5032 = Monetary variance - [Float] The variance in monetary terms from offered size client may vary on a repo trade.</p> <p>5033 = Send trades to Markitwire - [Boolean] Send specified party's trades to Markitwire. Applicable for IRS application only.</p> <p>5034 = Ticker restriction group number - [int] Used with Commercial Paper trading to indicate the restriction group number. Must be used with EntitlementType=0 (Trade) and EntitlementSubType=1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets).</p> <p>5035 = Dealer Sector Group - [String] Used to identify the dealer created sector pages grouping. Values are "S1" through "S40" for regular sector pages or "CS1" through "CS40" for customizable swap sector pages.</p> <p>5036 = NFPV EID Code - [int] Used to identify the NFPV EID code. EntitlementAttributeValue(1780) takes a valid EID code. NFPV will validate.</p> <p>5039 = Block MTF Trading - [Boolean] Use with EntitlementType(1775)=0 (Trade). Specified party is blocked for MTF trading.</p> <p>5040 = Block ETP Trading - [Boolean] Use with EntitlementType(1775)=0 (Trade). Specified party is blocked for ETP trading.</p> <p>5041 = Sales person override of submitted order - [Boolean] Sales person may override the specified party's submitted order's price/size.</p> <p>5042 = Superuser auction bid entry - [Boolean] Superusers may enter bids on behalf of other auction participants.</p> <p>5043 = Block allocation after trade date - [Boolean] Specified party is blocked from sending allocations after trade date.</p> <p>5044 = Receive firm prices - [Boolean] Indicates whether specified party will see the dealer's prices as "firm" or not.</p> <p>5045 = Include in AXEM mail list - [Boolean] Include specified party on the dealer's AXEM email list.</p> <p>5046 = Clearing model - [String] Specifies the clearing model used with specified party.</p> <p>5047 = Modify concession - [Boolean] Specified party may modify the MUNI concession from the PICK and GDCO trading screens.</p> <p>5048 = Modify price and yield - [Boolean] Specified party may modify the MUNI price and yield from the</p>

<EntitlementAttribGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>PICK and GDCO trading screens.</p> <p>5049 = Securities lending - [Boolean] Specified party may conduct securities lending transactions.</p> <p>5050 = Maximum order size - [Qty] Maximum notional order size in thousands ('000).</p> <p>5051 = Block all inventory - [Boolean] Specified party is blocked from trading and viewing all of the dealer's secondary offerings.</p> <p>5052 = Block all primary offerings - [Boolean] Specified party is blocked from trading and viewing all of the dealer's primary offerings.</p> <p>5053 = Block all bilateral orders or RFQ - [Boolean] Specified party is blocked from submitting bilateral orders or RFQs.</p> <p>5054 = Block non-listed inquiries - [Boolean] Specified party is blocked from submitting sell-back RFQs.</p> <p>5055 = Block VRDN TOBs - [Boolean] Specified party is blocked from trading variable rate demand note tender option bonds.</p> <p>5056 = Block Bilateral BSEF Trading - [Boolean] Specified party is blocked from bilateral trading on BSEF (transactions under Dodd-Frank).</p> <p>5057 = Block Bilateral BTFE Trading - [Boolean] Specified party is blocked from bilateral trading on BTFE (transactions under EU EMIR).</p> <p>5058 = Block Bilateral BMTF Trading - [Boolean] Specified party is blocked from bilateral trading on BMTF (transactions under UK FCA).</p> <p>5059 = Block off venue trading - [Boolean] Specified party is blocked from off-venue trading.</p> <p>5060 = Spread bucket - [String] For FXGO/FXPV. Identifies the spread bucket. May be used for party enablement or for spread bucket assignment to a spread profile. Used with EntitlementType(1775)=1014 (Profile setting).</p> <p>5061 = Credit bucket - [String] For FXGO/FXPV. Identifies the credit bucket the identified party is enabled for.</p> <p>5062 = Profile - [String] For FXGO/FXPV. Identifies the profile name. Used when setting up or modifying profile, associating currency pairs to spread bucket and trading platform. Used with EntitlementType(1775)=1014 (Profile setting).</p>
→ EntitlementAttribDatatype	1779	int	N	<p>Specifies the data type for the specified EntitlementAttribType(1778).</p> <p>Supported values:</p> <p>1 = int</p> <p>7 = Qty</p> <p>10 = Amt</p>

<EntitlementAttribGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				13 = Boolean 14 = String 16 = Currency
→ EntitlementAttribValue	1780	String	N	Required if NoEntitlementAttrib(1777) > 0. The value corresponding to the EntitlementAttribType(1778). See "Supported values for EntitlementAttribValue(1780)" Appendix for list of supported String values. Other supported value types include Boolean (Y/N), ISO currency code, String, Integer, amount or quantity appropriate to the EntitlementAttribType(1778).
→ EntitlementAttribCurrency	1781	Currency	N	Currency for EntitlementAttribValue(1780). Can be used if these fields represent a price, price offset, or amount.
→ <EntitlementSubAttribGrp> component		N	Used only to further qualify or link to EntitlementAttribType(1778)=5035 (Dealer Sector Group) and EntitlementAttribValue(1780) contains one of the values "S1" through "S40". See FIX Common Components section for details.	

### 5.3 *EntitlementGrp\_UpdateReport*

Used in Components:

PartyEntitlementUpdateGrp\_UpdateReport

**Table 10: EntitlementGrp\_UpdateReport Component Table**

<EntitlementGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoEntitlements	1773	NumInGroup	Y	The number of entitlement types specified for the party.
→ EntitlementIndicator	1774	Boolean	Y	Indicates whether the party is entitled to the specified attributes.  Supported values: N = Do not enable, permit or entitle Y = Enable, permit or entitle

<EntitlementGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
→ EntitlementType	1775	int	N	<p>For FXGO/FXPV Conditionally required. Indicates the type of entitlement the party is or isn't entitled to, based on value set in EntitlementIndicator(1774).</p> <p>Supported values: 0 = Trade - For FXGO/FXPV. 1013 = Post trade actions - For FXGO/FXPV. 1014 = Profile setting - For FXGO/FXPV.</p>
→ <EntitlementAttribGrp_UpdateReport> component				N Used to convey a list of one or more attributes. See FIX Common Components section for details.
→ EntitlementPlatform	1784	String	Y	<p>Used to specify the Bloomberg trading platform, application or service offering to which the entitlement is applicable. For FIT ENFI enablement this is used to represent the "application".</p> <p>Supported values: ALGO = FIT Algo application - Applicable for FIT ENFI enablement. AUCT = Auction application - Applicable for FIT ENFI enablement. CDS = Credit Default Swap application - Applicable for FIT ENFI enablement. CMDT = Commodities application - Applicable for FIT ENFI enablement. CP = Commercial Paper application - Applicable for FIT ENFI enablement. EBND = Emerging markets application - Applicable for FIT ENFI enablement. Used for regionally issued debt. EQTY = Equities application - Applicable for FIT ENFI enablement. EURO = Euro cash bond application - Applicable for FIT ENFI enablement. Excluding UST. FXBATCH = FX Batch application - Applicable for FXGO/FXPV enablement. FXOrder = FX Order - Applicable for FXGO/FXPV enablement. Including FX Algo. FXRFQ = FX Request for Quote - Applicable for FXGO/FXPV enablement. FXStreaming = FX Streaming - Applicable for FXGO/FXPV enablement. Also called FX Trading Grid. GOVT = Government application - Applicable for FIT ENFI enablement. IDX = Index application - Applicable for FIT ENFI enablement. IRS = Interest Rate Swap application - Applicable for FIT ENFI enablement.</p>

<EntitlementGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>LEAV = Leave Order application - Applicable for FIT ENFI enablement.</p> <p>MBS = Mortgage Backed Securities application - Applicable for FIT ENFI enablement.</p> <p>MMF = Money Market Fund application - Applicable for FIT ENFI enablement.</p> <p>MUNI = Municipal application - Applicable for FIT ENFI enablement.</p> <p>NEWI = New issuance application - Applicable for FIT ENFI enablement.</p> <p>PRFD = Preferred application - Applicable for FIT ENFI enablement.</p> <p>REPO = Repurchase Agreement application - Applicable for FIT ENFI enablement.</p> <p>RUNZ = RUNZ application - Applicable for FIT ENFI enablement.</p> <p>SYND = Syndicate application - Applicable for FIT ENFI enablement.</p> <p>TBA = To be announced application - Applicable for FIT ENFI enablement.</p>
→ <InstrumentScopeGrp_UpdateReport> component			N	<p>May be used to specify the instruments in which the entitlement applies to.</p> <p>ENAB/ENFI uses this component to support specifying the Bloomberg market sector and sub-sector for enablement. Only 1 instance is supported.</p> <p>For FXGO/FXPV: More than 1 instance is supported.</p> <p>See FIX Common Components section for details.</p>

## 5.4 EntitlementGrp\_DefinitionRequest

Used in Components:

PartyEntitlementAckGrp inlined in PartyEntitlementsDefinitionRequestAck(35=DB)

PartyEntitlementUpdateGrp\_DefinitionRequest

**Table 11: EntitlementGrp\_DefinitionRequest Component Table**

<EntitlementGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoEntitlements	1773	NumInGroup	N	The number of entitlement types specified for the party.

<EntitlementGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
→ EntitlementIndicator	1774	Boolean	N	<p>Required if NoEntitlements(1773) &gt; 0. Indicates whether the party is entitled to the specified EntitlementType(1775).</p> <p>Supported values: N = Do not enable, permit or entitle Y = Enable, permit or entitle</p>
→ EntitlementType	1775	int	N	<p>Required if NoEntitlements(1773) &gt; 0. Indicates the type of entitlement the party is or isn't entitled to, based on value set in EntitlementIndicator(1774).</p> <p>Supported values: 0 = Trade 5 = Subscribe to market data - Including price streams 7 = Submit quote requests - Including "Request For Stream", "Inquiry" and "Price Request". 1001 = Receive executable quotes / prices - Receive executable quotes / prices from sell-side. 1009 = Receive firm prices 1012 = View 1013 = Post trade actions - For FXGO/FXPV. 1014 = Profile setting - For FXGO/FXPV.</p>
→ EntitlementSubType	2402	int	N	<p>May be used to specify a subtype of an entitlement specified in EntitlementType(1775).</p> <p>Supported values: 1 = Order entry 2 = Hit/Lift 6 = Streaming quotes 7 = Single broker 8 = Multi brokers 1000 = Voice 1001 = Primary market offerings 1002 = Secondary market or inventory offerings 1005 = Non-inventory - Client may interact with deal even when no inventory is shown. May be used with EntitlementType(1775)=0 (Trade) or 7 (Submit quote requests). 1006 = Primary and Secondary markets</p>
→ <EntitlementAttribGrp_DefinitionRequest> component			N	<p>Used to convey a list of one or more attributes related to an entitlement to clarify or limit the EntitlementType(1775). See FIX Common Components section for details.</p>
→ EntitlementID	1776	String	N	Unique identifier for a specific NoEntitlements(1773) repeating group instance. The field is only used in PartyEntitlementsDefintionRequestAck(35=DB)

<EntitlementGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				message.
→ EntitlementPlatform	1784	String	N	<p>May be used to specify the trading platform or service offering to which the entitlement is applicable.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>ALGO = FIT Algo application - Applicable for FIT ENFI enablement.</li> <li>AUCT = Auction application - Applicable for FIT ENFI enablement.</li> <li>CDS = Credit Default Swap application - Applicable for FIT ENFI enablement.</li> <li>CMDT = Commodities application - Applicable for FIT ENFI enablement.</li> <li>CP = Commercial Paper application - Applicable for FIT ENFI enablement.</li> <li>EBND = Emerging markets application - Applicable for FIT ENFI enablement. Used for regionally issued debt.</li> <li>EQTY = Equities application - Applicable for FIT ENFI enablement.</li> <li>EURO = Euro cash bond application - Applicable for FIT ENFI enablement. Excluding UST.</li> <li>FXBATCH = FX Batch application - Applicable for FXGO/FXPV enablement.</li> <li>FXOrder = FX Order - Applicable for FXGO/FXPV enablement. Including FX Algo.</li> <li>FXRFQ = FX Request for Quote - Applicable for FXGO/FXPV enablement.</li> <li>FXStreaming = FX Streaming - Applicable for FXGO/FXPV enablement. Also called FX Trading Grid.</li> <li>GOVT = Government application - Applicable for FIT ENFI enablement.</li> <li>IDX = Index application - Applicable for FIT ENFI enablement.</li> <li>IRS = Interest Rate Swap application - Applicable for FIT ENFI enablement.</li> <li>LEAV = Leave Order application - Applicable for FIT ENFI enablement.</li> <li>MBS = Mortgage Backed Securities application - Applicable for FIT ENFI enablement.</li> <li>MMF = Money Market Fund application - Applicable for FIT ENFI enablement.</li> <li>MUNI = Municipal application - Applicable for FIT ENFI enablement.</li> <li>NEWI = New issuance application - Applicable for FIT ENFI enablement.</li> <li>PRFD = Preferred application - Applicable for FIT ENFI enablement.</li> <li>REPO = Repurchase Agreement application - Applicable for FIT ENFI enablement.</li> <li>RUNZ = RUNZ application - Applicable for FIT ENFI</li> </ul>

<EntitlementGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>enablement. SYND = Syndicate application - Applicable for FIT ENFI enablement. TBA = To be announced application - Applicable for FIT ENFI enablement.</p>
→ <InstrumentScopeGrp_DefinitionRequest> component			N	<p>May be used to specify the instruments in which the entitlement applies to. See FIX Common Components section for details.</p>
→ EntitlementSubPlatform	22237	String	N	<p>Identifies the specific workflow or page under the specified EntitlementPlatform(1784).  Supported values: MBWD = Muni Bids Wanted PICK = PICK workflow RUNZ = RUNZ workflow TRULY = Truly Firm workflow</p>
→ EntitlementIndicatorReasonCode	22238	int	N	<p>Used when EntitlementIndicator(1774)=N to specify the reason for the "no" setting.  Supported values: 1 = Not enabled 2 = Rejected 3 = Suspended</p>
→ EntitlementIndicatorPlus	22243	Boolean	N	<p>For NFPV use only: Used with EntitlementIndicator(1774) to qualify the indicator as "Y+" or "N+". When the value in this field is "Y" then the "plus" is applicable to the specified EntitlementIndicator(1774).</p>

## 5.5 EntitlementSubAttribGrp

Used in Components:

EntitlementAttribGrp\_DefinitionRequest

**Table 12: EntitlementSubAttribGrp Component Table**

<EntitlementSubAttribGrp> - Component				
Name	Tag	FIX Data Type	Rq'd	Description

<EntitlementSubAttribGrp> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoEntitlementSubAttribs	22239	NumInGroup	N	The number of entitlement sub-attributes for the specified EntitlementAttribType(1778).
→ EntitlementSubAttribType	22240	int	N	<p>Required if NoEntitlementSubAttribs(22239)&gt;0.  For ENAB/ENFI: Specifies the sub-attribute type to further qualify the specified EntitlementAttribType(1778) value.  For NFPV: Specifies the enablement attributes when EntitlementAttribType(1778)=5036 (NFPV EID Code).</p> <p>Supported values:</p> <p>1 = Haircut Borrow - [float] The borrowing haircut permitted when borrowing a security linked to the specified sector, EntitlementAttribType(1778)=5035 (Dealer Sector Group) and EntitlementAttribValue(1780) is sector page identifier.</p> <p>2 = Haircut Lend - [float] The lending haircut permitted when lending a security linked to the specified sector, EntitlementAttribType(1778)=5035 (Dealer Sector Group) and EntitlementAttribValue(1780) is sector page identifier.</p> <p>3 = Price/tier level - [int] Used to specify the NFPV customer assigned price tier. If price tier is not applicable for the customer, omit this. Use with EntitlementAttribType(1778) = 5036 (NFPV EID Code).</p> <p>4 = Sell-side block - [Boolean] Used by NFPV to indicate whether all sell-sides are blocked or not. Use with EntitlementAttribType(1778 )= 5036 (NFPV EID Code).</p> <p>5 = Country block - [Country] Used by NFPV to block certain clients based on specified country. Use with EntitlementAttribType(1778)=5036 (NFPV EID Code).</p> <p>6 = Block unseasoned - [Boolean] Indicates that unseasoned securities are blocked or not. Use with EntitlementAttribType(1778)=5036 (NFPV EID Code).</p> <p>7 = Block 144A - [Boolean] Indicates that 144A securities are blocked or not. Use with EntitlementAttribType(1778)=5036 (NFPV EID Code).</p>
→ EntitlementSubAttribDatatype	22241	int	N	<p>Specifies the data type for the specified EntitlementSubAttribType(22240).</p> <p>Supported values:</p> <p>1 = int</p> <p>6 = float</p> <p>13 = Boolean</p> <p>25 = Country - ISO Country code</p>
→ EntitlementSubAttribValue	22242	String	N	Required if NoEntitlementSubAttribs(22239)>0. The value corresponding to the EntitlementSubAttribType(22240).

## 5.6 *InstrumentScope\_UpdateReport*

Used in Components:

InstrumentScopeGrp\_UpdateReport

**Table 13: InstrumentScope\_UpdateReport Component Table**

<InstrumentScope_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
InstrumentScopeSymbol	1536	String	N	Specifies the security symbol in or out of scope of the entitlement. For FXGO/FXPV: Expresses the currency pair in the form CCY1/CCY2, where CCY1 is the base currency and CCY2 is the term currency. Single currency code is used for FX deposits.
InstrumentScopeProductComplex	1544	String	N	For ENAB/ENFI: This identifies the Bloomberg RFE market sector value for enablement.
InstrumentScopeSecurityGroup	1545	String	N	For ENAB/ENFI: This identifies the Bloomberg RFE market sub-sector value for enablement.
InstrumentScopeProduct	1543	int	N	For FXGO/FXPV: This identifies the product for enablement.  Supported values: 4 = Currency 12 = Other - This includes derivatives.
InstrumentScopeSecurityType	1547	String	N	For FXGO/FXPV: This identifies the product for enablement.  Supported values: CASH = Cash - Cash deposit and FX deposit. FXFWD = FX Forward FXNDF = FX Non-deliverable forward FXNDS = FX Non-deliverable swap FXSPOT = FX Spot FXSWAP = FX Swap - Deliverable OPT = Option - Including FX Option.
InstrumentScopeSecuritySubType	1548	String	N	For FXGO/FXPV: Used to limit instrument scope to specified security sub-type.  Supported values: METALS = Precious metals - Use with InstrumentScopeSecurityType(1547)= OPT, FXSPOT and FXFWD.

## 5.7 *InstrumentScope\_DefinitionRequest*

Used in Components:

InstrumentScopeGrp\_DefinitionRequest

**Table 14: InstrumentScope\_DefinitionRequest Component Table**

<InstrumentScope_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
InstrumentScopeSymbol	1536	String	N	<p>Specifies the security symbol in or out of scope of the entitlement. Use the value "[N/A]" (without quote marks) for securities with no symbol.</p> <p>For FXGO/FXPV: Expresses the currency pair in the form CCY1/CCY2, where CCY1 is the base currency and CCY2 is the term currency. Single currency code is used for FX deposits.</p>
InstrumentScopeSecurityID	1538	String	N	<p>Required when InstrumentScopeSecurityIDSource(1539) is specified.</p> <p>Identifier of the security in or out of scope of the entitlement.</p>
InstrumentScopeSecurityIDSource	1539	String	N	<p>Required when InstrumentScopeSecurityID(1538) is specified.</p> <p>Identifies the type of security in InstrumentScopeSecurityID(1538).</p> <p>Supported values: A = Bloomberg Identifier - The BBID.</p>
InstrumentScopeProduct	1543	int	N	<p>Specifies the product category in or out of scope of the entitlement.</p> <p>Supported values: 2 = Commodity 3 = Corporate 4 = Currency 6 = Government 9 = Money Market 10 = Mortgage 11 = Municipal 12 = Other - This includes derivatives.</p>
InstrumentScopeSecurityType	1547	String	N	<p>Specifies the security type in or out of scope of the entitlement.</p> <p>Supported values: BUYSELL = Buy / Sell back CASH = Cash - Cash deposit and FX deposit. CDS = Credit default swaps CORP = Corporate bond - Use InstrumentScopeSecurityCurrency(22236) to specify the</p>

<InstrumentScope_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>currency denomination of the bond.          CP = Commercial paper          EUSOV = Euro Sovereign - Sovereign issuer may be specified in InstrumentScopeIssuer(22201).          FUT = Futures          FXFWD = FX Forward          FXNDF = FX Non-deliverable forward          FXNDS = FX Non-deliverable swap          FXSPOT = FX Spot          FXSWAP = FX Swap - Deliverable          IRS = Interest rate swap          MAC = Market Agreed Coupon swap          MBS = Mortgage-backed securities          MMF = Money market fund          MUNI = Municipal bond          OPT = Option - Including FX Option.          OTHER = Other, not specified - Used only with EntitlementPlatform(1784)=LEAV.          REPO = Repurchase Agreements          RVREPO = Reverse Repurchase Agreement          SOV = Sovereign - Sovereign or government bond, excluding US and Euro. Sovereign issuer may be specified in InstrumentScopeIssuer(22201).          TBA = To Be Announced          TBILL = Treasury bill          TBOND = Treasury bond          TNONE = Treasury note          TOB = Tender option bond          VRDN = Variable rate demand note</p>
InstrumentScopeSecuritySubType	1548	String	N	<p>Used to limit instrument scope to specified security sub-type.</p> <p>Supported values:</p> <p>CROSSCCY = Cross Currency - Use with InstrumentScopeSecurityType(1547)=IRS.          DAILY = Daily - Use with InstrumentScopeSecurityType(1547)=VRDN. Includes 2-Day VRDNs.          GC = General Collateral - Use with InstrumentScopeSecurityType(1547)=REPO.          METALS = Precious metals - Use with InstrumentScopeSecurityType(1547)=FUT, OPT, FXSPOT or FXFWD.          MTHLY = Monthly - Use with InstrumentScopeSecurityType(1547)=VRDN.          TRIPY = Tri-party repo - Use with InstrumentScopeSecurityType(1547)=REPO or RVREPO.          WKLY = Weekly - Use with InstrumentScopeSecurityType(1547)=VRDN.</p>

<InstrumentScope_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
InstrumentScopeIssuer	22201	String	N	Security issuer.
InstrumentScopeCPProgram	22203	int	N	<p>The program under which a commercial paper offering is exempt from SEC registration - paragraph number within the US Securities Act of 1933.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>1 = 3(a)(3)</li> <li>2 = 4(2)</li> <li>3 = 3(a)(2)</li> <li>4 = 3(a)(3) &amp; 3(c)(7)</li> <li>5 = 3(a)(4)</li> <li>6 = 3(a)(5)</li> <li>7 = 3(a)(7)</li> <li>8 = 3(c)(7)</li> <li>99 = Other</li> <li>100 = All program types</li> </ul>
InstrumentScopeCPRegType	22204	String	N	<p>The description of commercial paper registration or rule under which exempt commercial paper is offered.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>144A = 144A Program</li> <li>All = All - Used to indicate the scope includes all of the CP registration or rules types.</li> <li>Global = Global Program</li> <li>RegS = Regulation S Rule</li> <li>RegS144A = Regulation S Rule and 144A Program</li> <li>Registered = Registered CP</li> <li>TaxExempt = Tax exempted</li> </ul>
InstrumentScopeSecurityCurrency	22236	Currency	N	Used to identify the security's base currency denomination (usually determined at time of issuance). Uses 3-char ISO 4217 Currency Code values.
InstrumentScopeID	22325	String	N	The instrument scope or restricted ticker identifier. Value may be "1" to "30".

## 5.8 **InstrumentScopeGrp\_UpdateReport**

Used in Components:

EntitlementGrp\_UpdateReport

**Table 15: InstrumentScopeGrp\_UpdateReport Component Table**

<InstrumentScopeGrp_UpdateReport> - Component				
---	--	--	--	--

Name	Tag	FIX Data Type	Rq'd	Description
NoInstrumentScopes	1656	NumInGroup	N	The number of instruments in scope.
→ InstrumentScopeOperator	1535	int	N	<p>Required when NoInstrumentScopes(1656) &gt; 0. The operator to perform on the specified scope.</p> <p>Supported values: 1 = Include</p>
→ <InstrumentScope_DefinitionRequest> component		N	See FIX common components section for details.	

## 5.9 **InstrumentScopeGrp\_DefinitionRequest**

Used in Components:

EntitlementGrp\_DefinitionRequest

**Table 16: InstrumentScopeGrp\_DefinitionRequest Component Table**

<InstrumentScopeGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoInstrumentScopes	1656	NumInGroup	N	The number of instruments in scope.
→ InstrumentScopeOperator	1535	int	N	<p>Required when NoInstrumentScopes(1656) &gt; 0. Operator to perform on the specified instrument(s).</p> <p>Supported values: 1 = Include 2 = Exclude</p>
→ <InstrumentScope_DefinitionRequest> component		N	See FIX common components section for details.	

## 5.10 **PartyDetailGrp\_UpdateReport**

Used in Components:

PartyEntitlementUpdateGrp\_UpdateReport

**Table 17: PartyDetailGrp\_UpdateReport Component Table**

<PartyDetailGrp_UpdateReport> - Component				
---	--	--	--	--

Name	Tag	FIX Data Type	Rq'd	Description
NoPartyDetails	1671	NumInGroup	Y	Specifies the number of party entries.
→ PartyDetailID	1691	String	Y	The identification of the party.
→ PartyDetailIDSource	1692	char	Y	Used to identify source of PartyDetailID(1691) value.  Supported values: D = Proprietary / Custom code N = Legal Entity Identifier - ISO 17442 LEI
→ PartyDetailRole	1693	int	Y	Identifies the type of PartyDetailID(1691).  Supported values: 11 = Order origination trader - The counterparty trader. PartyDetailID(1691) contains the UUID. 13 = Order origination firm - The counterparty firm. For FXGO/FXPV. PartyDetailID(1691) contains deal code. 24 = Client account - For FXGO/FXPV. PartyDetailID(1691) contains client account identifier to be mapped. 117 = Sales person - PartyDetailID(1691) contains the UUID.
→ <PartyDetailSubGrp_UpdateReport> component			N	May be used to provide party sub-identifiers for the party. See FIX common components section for details.
→ <RelatedPartyDetailGrp_UpdateReport> component			N	Conveys the details of the specified party's relationship with other parties. See FIX common components section for details.

## 5.11 PartyDetailGrp\_DefinitionRequest

Used in Components:

PartyEntitlementAckGrp inlined in PartyEntitlementsDefinitionRequestAck(35=DB)

PartyEntitlementUpdateGrp\_DefinitionRequest

**Table 18: PartyDetailGrp\_DefinitionRequest Component Table**

<PartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoPartyDetails	1671	NumInGroup	N	Specifies the number of party entries.

<PartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
→ PartyDetailID	1691	String	N	The identification of the party.
→ PartyDetailIDSource	1692	char	N	Used to identify source of PartyDetailID(1691) value.  Supported values: D = Proprietary / Custom code N = Legal Entity Identifier - ISO 17442 LEI
→ PartyDetailRole	1693	int	N	Identifies the type of PartyDetailID(1691).  Supported values: 11 = Order origination trader - The counterparty trader. PartyDetailID(1691) contains the UUID. 13 = Order origination firm - The counterparty firm. For FXGO/FXPV, PartyDetailID(1691) contains deal code. 24 = Client account - For FXGO/FXPV. The client account. PartyDetailID(1691) contains either proprietary account number or an LEI. 117 = Sales person - PartyDetailID(1691) contains the UUID. 6010 = Bloomberg customer number - Used by NFPV to entitle based on the customer number level. PartyDetailID(1691) contains the Bloomberg customer number. 6011 = Firm number - Used by NFPV to entitle base on the firm number level. PartyDetailID(1691) contains the firm number. 6012 = Terminal number - Used by NFPV to entitle base on the terminal number level. PartyDetailID(1691) contains the terminal number.
→ <PartyDetailSubGrp_DefinitionRequest> component		N	May be used to provide party sub-identifiers for the party. See FIX common components section for details.	
→ <RelatedPartyDetailGrp_DefinitionRequest> component		N	Used to specify the party(-ies) which has relationship(s) with the identified party in PartyDetailID(1691). See FIX common components section for details.	

## 5.12 PartyDetailSubGrp\_UpdateReport

Used in Components:

PartyDetailGrp\_UpdateReport

**Table 19: PartyDetailSubGrp\_UpdateReport Component Table**

<PartyDetailSubGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoPartyDetailSubIDs	1694	NumInGroup	N	The number of instances of specified party's sub-identifiers.
→ PartyDetailSubID	1695	String	N	Required if NoPartyDetailSubIDs(1694) > 0. Party sub-identifier.
→ PartyDetailSubIDType	1696	int	N	<p>Required if NoPartyDetailSubIDs(1694) &gt; 0. Type of PartyDetailSubID(1695).</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>1 = Firm</li> <li>2 = Person - Person's name when the PartyDetailID(1691) is a UUID.</li> <li>5 = Full legal name of firm</li> <li>7 = Phone number</li> <li>8 = Email address</li> <li>19 = Fund account name</li> <li>31 = Location - Client region</li> <li>34 = Address City</li> <li>38 = Address Country (ISO country code)</li> <li>48 = U.S. person - A legal term referring to any U.S. Person or legal entity anywhere in the world that should be taxed under U.S. law.</li> <li>84 = Legal Entity Identifier</li> <li>4014 = Firm number</li> <li>4015 = Bloomberg customer name</li> <li>4016 = Bloomberg customer number</li> <li>4048 = Address Country Name - Full name of the country.</li> <li>4103 = Bloomberg Industry Code - See 'Bloomberg Industry Codes' Appendix for valid values to be populated in PartyDetailSubID(1695).</li> <li>4110 = Legal Entity Identifier record name - Name associated with the specified LEI in the LEI record.</li> </ul>

## 5.13 PartyDetailSubGrp\_DefinitionRequest

Used in Components:

PartyDetailGrp\_DefinitionRequest

**Table 20: PartyDetailSubGrp\_DefinitionRequest Component Table**

<PartyDetailSubGrp_DefinitionRequest> - Component
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Name	Tag	FIX Data Type	Rq'd	Description
NoPartyDetailSubIDs	1694	NumInGroup	N	The number of instances of specified party's sub-identifiers.
→ PartyDetailSubID	1695	String	N	Required if NoPartyDetailSubIDs(1694) > 0. Party sub-identifier.
→ PartyDetailSubIDType	1696	int	N	Required if NoPartyDetailSubIDs(1694) > 0. Type of PartyDetailSubID(1695).  Supported values: 1 = Firm 2 = Person - Person's name when the PartyDetailID(1691) is a UUID. 5 = Full legal name of firm 7 = Phone number 8 = Email address 19 = Fund account name 34 = Address City 38 = Address Country (ISO country code) 48 = U.S. person - A legal term referring to any U.S. person or legal entity anywhere in the world that should be taxed under U.S. law. 84 = Legal Entity Identifier 4014 = Firm number 4015 = Bloomberg customer name 4016 = Bloomberg customer number 4019 = Direct clearing member - PartyDetailSubID(1695) takes "Y" or "N" 4048 = Address Country Name - Full name of the country. 4050 = Primary dealer - PartyDetailSubID(1695) takes "Y" or "N".

## 5.14 PartyEntitlementUpdateGrp\_UpdateReport

Used in components:

PartyEntitlementsUpdateReport(35=CZ)

**Table 21: PartyEntitlementUpdateGrp\_UpdateReport Component Table**

<PartyEntitlementUpdateGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoPartyEntitlements	1772	NumInGroup	Y	Specifies the number of party entitlement entries included in the message.

<PartyEntitlementUpdateGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
→ ListUpdateAction	1324	char	Y	The update action for this entitlement entry.  Supported values: A = Add
→ EntitlementIntention	22936	int	N	Required for FXPV in PartyEntitlementsUpdateReport(35=CZ) message. Expresses the business intent of the entitlement request.  Supported values: 1 = Account mapping 2 = Counterparty enablement
→ <PartyDetailGrp_UpdateReport> component			Y	See FIX Common Components section for details.
→ <EntitlementGrp_UpdateReport> component			N	Conditionally required when specific entitlements for the specified party are to be added. See FIX Common Components section for details.

## 5.15 PartyEntitlementUpdateGrp\_DefinitionRequest

Used in Components:

PartyEntitlementsDefinitionRequest(35=DA)

Table 22: PartyEntitlementUpdateGrp\_DefinitionRequest Component Table

<PartyEntitlementUpdateGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoPartyEntitlements	1772	NumInGroup	Y	Specifies the number of party entitlement entries included in the message. Only one party per message is supported.
→ ListUpdateAction	1324	char	Y	The update action for this entitlement entry.  Supported values: A = Add D = Delete M = Modify
→ EntitlementIntention	22936	int	N	Required for FXPV in PartyEntitlementsDefinitionRequest(35=DA) message.

<PartyEntitlementUpdateGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>Expresses the business intent of the entitlement request.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>1 = Account mapping</li> <li>2 = Counterparty enablement</li> <li>3 = Spread bucket profile assignment</li> </ul>
→ <PartyDetailGrp_DefinitionRequest> component				N Required for ENAB/ENFI and FXPV in PartyEntitlementsDefinitionRequest(35=DA) message. Only one party per message is supported. Required if NoPartyEntitlements(1772)>0 in PartyEntitlementsDefinitionRequestAck(35=DB) message. See FIX Common Components section for details.
→ EntitlementStatus	1883	int	N	<p>Status of the entitlement definition.</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>0 = Accepted - Entitlement specified is accepted by sell-side. Corresponds to ENFI "Trade" status.</li> <li>2 = Rejected - Entitlement was rejected by sell-side. Corresponds to ENFI "Rejected" status.</li> <li>3 = Pending - Entitlement is pending at sell-side. Corresponds to ENFI "Not enabled" status.</li> <li>5 = Deferred - Used when there is a need to delay the setup of the entitlements by the sell-side.</li> <li>100 = Suspended - Entitlement suspended by sell-side. Corresponds to ENFI "Suspended" status.</li> </ul>
→ <EntitlementGrp_DefinitionRequest> component				N Specifies the entitlements for the specified party are added, modified or deleted. Conditionally required in all requests. See FIX Common Components section for details.

## 5.16 RelatedPartyDetailGrp\_UpdateReport

Used in Components:

PartyDetailGrp\_UpdateReport

**Table 23: RelatedPartyDetailGrp\_UpdateReport Component Table**

<RelatedPartyDetailGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description

<RelatedPartyDetailGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRelatedPartyDetailID	1562	NumInGroup	N	Specifies the number of related party entries.
→ RelatedPartyDetailID	1563	String	N	Required when NoRelatedPartyDetailID(1563) > 0. The identification of the party.
→ RelatedPartyDetailIDSource	1564	char	N	Required when NoRelatedPartyDetailID(1563) > 0. Used to identify source of PartyDetailID(1691) value.  Supported values: D = Proprietary / Custom code N = Legal Entity Identifier - ISO 17442 LEI
→ RelatedPartyDetailRole	1565	int	N	Required when NoRelatedPartyDetailID(1563) > 0. Identifies the type of RelatedPartyDetailID(1563).  Supported values: 1 = Executing firm 13 = Order origination firm 28 = Custodian 79 = Prime broker 117 = Sales person 6014 = FXPV account - For FXGO/FXPV enablement. RelatedPartyDetailID(1693) contains the FXPV account mapping values FXPV1, FXPV2, FXPV3 or FXPV4. May be used with PartyDetailRole(1963)=24 (Client account). 6015 = Client mapped account - For FXGO/FXPV enablement. RelatedPartyDetailID(1693) contains the client account mapping. May be used with PartyDetailRole(1963)=24 (Client account).
→ <RelatedPartyDetailSubGrp> component			N	May be used to provide party sub-identifiers for the party. See FIX Common components section for details.

## 5.17 RelatedPartyDetailGrp\_DefinitionRequest

Used in Components:

PartyDetailGrp\_DefinitionRequest

Table 24: RelatedPartyDetailGrp\_DefinitionRequest Component Table

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRelatedPartyDetailID	1562	NumInGroup	N	Specifies the number of related party entries.
→ RelatedPartyDetailID	1563	String	N	Required when NoRelatedPartyDetailID(1563) > 0. The identification of the party.
→ RelatedPartyDetailIDSource	1564	char	N	Required when NoRelatedPartyDetailID(1563) > 0. Used to identify source of PartyDetailID(1691) value.  Supported values: D = Proprietary / Custom code N = Legal Entity Identifier - ISO 17442 LEI
→ RelatedPartyDetailRole	1565	int	N	Required when NoRelatedPartyDetailID(1563) > 0. Identifies the type of RelatedPartyDetailID(1563).  Supported values: 13 = Order origination firm 28 = Custodian 79 = Prime broker 117 = Sales person - Used to identify the primary sales person. 1013 = TOMS Sales person - Used by TOMS dealer to assign TOMS sales person to client. 6000 = Sales person 2 6001 = Sales person 3 6002 = Sales person 4 6003 = Sales person 5 6004 = Sales person 6 6005 = Sales person 7 6006 = Sales person 8 6007 = Sales person 9 6008 = Sales person 10 6009 = Sales person 11 6014 = FXPV account - For FXGO/FXPV enablement. RelatedPartyDetailID(1693) contains the FXPV account mapping values FXPV1, FXPV2, FXPV3 or FXPV4. May be used with PartyDetailRole(1963)=24 (Client account). 6015 = Client mapped account - For FXGO/FXPV enablement. RelatedPartyDetailID(1693) contains the client account mapping. May be used with PartyDetailRole(1963)=24 (Client account). 6201 = Account 1 - Broker's account code for the client. 6202 = Account 2 - Broker's account code for the client. 6203 = Account 3 - Broker's account code for the client. 6204 = Account 4 - Broker's account code for the client. 6205 = Account 5 - Broker's account code for the client. 6206 = Account 6 - Broker's account code for the client. 6207 = Account 7 - Broker's account code for the client. 6208 = Account 8 - Broker's account code for the client. 6209 = Account 9 - Broker's account code for the client.

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>6210 = Account 10 - Broker's account code for the client.</p> <p>6211 = Account 11 - Broker's account code for the client.</p> <p>6212 = Account 12 - Broker's account code for the client.</p> <p>6213 = Account 13 - Broker's account code for the client.</p> <p>6214 = Account 14 - Broker's account code for the client.</p> <p>6215 = Account 15 - Broker's account code for the client.</p> <p>6216 = Account 16 - Broker's account code for the client.</p> <p>6217 = Account 17 - Broker's account code for the client.</p> <p>6218 = Account 18 - Broker's account code for the client.</p> <p>6219 = Account 19 - Broker's account code for the client.</p> <p>6220 = Account 20 - Broker's account code for the client.</p> <p>6221 = Account 21 - Broker's account code for the client.</p> <p>6222 = Account 22 - Broker's account code for the client.</p> <p>6223 = Account 23 - Broker's account code for the client.</p> <p>6224 = Account 24 - Broker's account code for the client.</p> <p>6225 = Account 25 - Broker's account code for the client.</p> <p>6226 = Account 26 - Broker's account code for the client.</p> <p>6227 = Account 27 - Broker's account code for the client.</p> <p>6228 = Account 28 - Broker's account code for the client.</p> <p>6229 = Account 29 - Broker's account code for the client.</p> <p>6230 = Account 30 - Broker's account code for the client.</p> <p>6231 = Account 31 - Broker's account code for the client.</p> <p>6232 = Account 32 - Broker's account code for the client.</p> <p>6233 = Account 33 - Broker's account code for the client.</p> <p>6234 = Account 34 - Broker's account code for the client.</p> <p>6235 = Account 35 - Broker's account code for the</p>

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>client.</p> <p>6236 = Account 36 - Broker's account code for the client.</p> <p>6237 = Account 37 - Broker's account code for the client.</p> <p>6238 = Account 38 - Broker's account code for the client.</p> <p>6239 = Account 39 - Broker's account code for the client.</p> <p>6240 = Account 40 - Broker's account code for the client.</p> <p>6241 = Account 41 - Broker's account code for the client.</p> <p>6242 = Account 42 - Broker's account code for the client.</p> <p>6243 = Account 43 - Broker's account code for the client.</p> <p>6244 = Account 44 - Broker's account code for the client.</p> <p>6245 = Account 45 - Broker's account code for the client.</p> <p>6246 = Account 46 - Broker's account code for the client.</p> <p>6247 = Account 47 - Broker's account code for the client.</p> <p>6248 = Account 48 - Broker's account code for the client.</p> <p>6249 = Account 49 - Broker's account code for the client.</p> <p>6250 = Account 50 - Broker's account code for the client.</p> <p>6251 = Futures Account 1 - Broker's account code for the client.</p> <p>6252 = Futures Account 2 - Broker's account code for the client.</p> <p>6253 = Futures Account 3 - Broker's account code for the client.</p> <p>6254 = Futures Account 4 - Broker's account code for the client.</p> <p>6255 = Futures Account 5 - Broker's account code for the client.</p> <p>6256 = Futures Account 6 - Broker's account code for the client.</p> <p>6257 = Futures Account 7 - Broker's account code for the client.</p> <p>6258 = Futures Account 8 - Broker's account code for the client.</p> <p>6259 = Futures Account 9 - Broker's account code for the client.</p> <p>6260 = Futures Account 10 - Broker's account code for the client.</p>

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>6261 = Futures Account 11 - Broker's account code for the client.</p> <p>6262 = Futures Account 12 - Broker's account code for the client.</p> <p>6263 = Futures Account 13 - Broker's account code for the client.</p> <p>6264 = Futures Account 14 - Broker's account code for the client.</p> <p>6265 = Futures Account 15 - Broker's account code for the client.</p> <p>6266 = Futures Account 16 - Broker's account code for the client.</p> <p>6267 = Futures Account 17 - Broker's account code for the client.</p> <p>6268 = Futures Account 18 - Broker's account code for the client.</p> <p>6269 = Futures Account 19 - Broker's account code for the client.</p> <p>6270 = Futures Account 20 - Broker's account code for the client.</p> <p>6271 = Futures Account 21 - Broker's account code for the client.</p> <p>6272 = Futures Account 22 - Broker's account code for the client.</p> <p>6273 = Futures Account 23 - Broker's account code for the client.</p> <p>6274 = Futures Account 24 - Broker's account code for the client.</p> <p>6275 = Futures Account 25 - Broker's account code for the client.</p> <p>6276 = Futures Account 26 - Broker's account code for the client.</p> <p>6277 = Futures Account 27 - Broker's account code for the client.</p> <p>6278 = Futures Account 28 - Broker's account code for the client.</p> <p>6279 = Futures Account 29 - Broker's account code for the client.</p> <p>6280 = Futures Account 30 - Broker's account code for the client.</p> <p>6281 = Futures Account 31 - Broker's account code for the client.</p> <p>6282 = Futures Account 32 - Broker's account code for the client.</p> <p>6283 = Futures Account 33 - Broker's account code for the client.</p> <p>6284 = Futures Account 34 - Broker's account code for the client.</p> <p>6285 = Futures Account 35 - Broker's account code for the client.</p> <p>6286 = Futures Account 36 - Broker's account code for</p>

<RelatedPartyDetailGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>the client.</p> <p>6287 = Futures Account 37 - Broker's account code for the client.</p> <p>6288 = Futures Account 38 - Broker's account code for the client.</p> <p>6289 = Futures Account 39 - Broker's account code for the client.</p> <p>6290 = Futures Account 40 - Broker's account code for the client.</p> <p>6291 = Futures Account 41 - Broker's account code for the client.</p> <p>6292 = Futures Account 42 - Broker's account code for the client.</p> <p>6293 = Futures Account 43 - Broker's account code for the client.</p> <p>6294 = Futures Account 44 - Broker's account code for the client.</p> <p>6295 = Futures Account 45 - Broker's account code for the client.</p> <p>6296 = Futures Account 46 - Broker's account code for the client.</p> <p>6297 = Futures Account 47 - Broker's account code for the client.</p> <p>6298 = Futures Account 48 - Broker's account code for the client.</p> <p>6299 = Futures Account 49 - Broker's account code for the client.</p> <p>6300 = Futures Account 50 - Broker's account code for the client.</p> <p>6301 = TOMS Trader Book - Specifies the TOMS Trader Book the client is assigned to.</p> <p>RelatedPartyDetailID(1563) contains either trader book number or name.</p>
→<RelatedPartyDetailSubGrp> component		N		<p>May be used to provide party sub-identifiers for the party.</p> <p>See FIX common components section for details.</p>

## 5.18 RelatedPartyDetailSubGrp

Used in Components:

RelatedPartyDetailGrp\_UpdateReport

RelatedPartyDetailGrp\_DefinitionRequest

**Table 25: RelatedPartyDetailSubGrp Component Table**

<RelatedPartyDetailSubGrp> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRelatedPartyDetailSubIDs	1566	NumInGroup	N	The number of instances of specified party's sub-identifiers.
→ RelatedPartyDetailSubID	1567	String	N	Required if NoRelatedPartyDetailSubIDs(1566) > 0. Party sub-identifier.
→ RelatedPartyDetailSubIDType	1568	int	N	Required if NoRelatedPartyDetailSubIDs(1566) > 0. Type of RelatedPartyDetailSubID(1567).  Supported values: 2 = Person - Person's name when the RelatedPartyDetailID(1563) is a UUID. 5 = Full legal name of firm - The value is the legal entity name from the LEI record. 7 = Phone number 8 = Email address 84 = Legal Entity Identifier - RelatedPartyDetailSubID(1567)_ is the ISO 17442 LEI value of the party identified in RelatedPartyDetailID(1562).

## 5.19 RequestingPartyGrp\_UpdateReport

Used in messages:

PartyEntitlementsUpdateReport(35=CZ)

**Table 26: RequestingPartyGrp\_UpdateReport Component Table**

<RequestingPartyGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRequestingPartyIDs	1657	NumInGroup	N	Specifies the number of requesting party entries. For FXGO/FXPV: Identifies the party making the update request.
→ RequestingPartyID	1658	String	N	Required when NoRequestingPartyIDs(1657) > 0. The identification of the party.
→ RequestingPartyIDSource	1659	char	N	Required when NoRequestingPartyIDs(1657) > 0. Used to identify the source of RequestingPartyID(1658) value.

<RequestingPartyGrp_UpdateReport> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
				Supported values: D = Proprietary / Custom code
→ RequestingPartyRole	1660	int	N	Required when NoRequestingPartyIDs(1657) > 0. Identifies the type of RequestingPartyID(1658).  Supported values: 118 = Operator - For FXGO/FXPV, the RequestingPartyID(1658) contains UUID of the requesting administrator.
→ <RequestingPartySubGrp> component			N	May be used to provide party sub-identifiers for the party. See FIX Common Components section for details.

## 5.20 RequestingPartyGrp\_DefinitionRequest

Used in messages:

PartyEntitlementsDefinitionRequest(35=DA)

PartyEntitlementsDefinitionRequestAck(35=DB)

**Table 27: RequestingPartyGrp\_DefinitionRequest Component Table**

<RequestingPartyGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRequestingPartyIDs	1657	NumInGroup	Y	Specifies the number of requesting party entries. For ENAB/ENFI: At least two entries must be specified to identify the Bloomberg broker code and the broker code's administrator.
→ RequestingPartyID	1658	String	Y	Required when NoRequestingPartyIDs(1657) > 0. The identification of the party.
→ RequestingPartyIDSource	1659	char	Y	Required when NoRequestingPartyIDs(1657) > 0. Used to identify the source of RequestingPartyID(1658) value.  Supported values: D = Proprietary / Custom code N = Legal Entity Identifier - ISO 17442 LEI

<RequestingPartyGrp_DefinitionRequest> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
→ RequestingPartyRole	1660	int	Y	<p>Required when NoRequestingPartyIDs(1657) &gt; 0. Identifies the type of RequestingPartyID(1658). For ENFI: Both of the supported values must be specified.</p> <p>Supported values:            1 = Executing firm - RequestingPartyID(1658) contains the Bloomberg broker code.            118 = Operator - For ENAB/ENFI, the RequestingPartyID(1658) contains UUID of the broker code's administrator. For NFPV, the RequestingPartyID(1658) contains the UUID of the EID administrator. For FXGO/FXPV, the RequestingPartyID(1658) contains UUID of the maker deal code's authorized administrator.</p>

## 5.21 RequestingPartySubGrp

Used in Components:

RequestingPartyGrp\_DefinitionRequest

**Table 28: RequestingPartySubGrp Component Table**

<RequestingPartySubGrp> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRequestingPartySubIDs	1661	NumInGroup	N	The number of instances of specified party's sub-identifiers.
→ RequestingPartySubID	1662	String	N	Required if NoRequestingPartySubIDs(1661) > 0. Party sub-identifier.
→ RequestingPartySubIDType	1663	int	N	<p>Required if NoRequestingPartySubIDs(1661) &gt; 0. Type of RequestingPartySubID(1662).</p> <p>Supported values:            2 = Person - Person's full name when the RequestingPartyID(1658) is a UUID.</p>

## 5.22 RootParties

Used in messages:

**Table 29: RootParties Component Table**

<RootParties> - Component				
Name	Tag	FIX Data Type	Rq'd	Description
NoRootPartyIDs	1116	NumInGroup	N	Specifies the number of party entries.
→ RootPartyID	1117	String	N	The identification of the party.
→ RootPartyIDSource	1118	char	N	Used to identify source of PartyDetailID(1691) value.  Supported values: D = Proprietary / Custom code
→ RootPartyRole	1119	int	N	Identifies the type of PartyDetailID(1691).  Supported values: 1 = Executing firm - RootPartyID(1117) contains the Bloomberg broker code.

# 6 FIX Message Tables

This section details the FIX Protocol messages that are used by the FICC implementation for client onboarding and entitlements.

## 6.1 **PartyEntitlementsUpdateReport(35=CZ)**

The PartyEntitlementsUpdateReport(35=CZ) is sent by Bloomberg to notify the sell-side of pending buy-side entitlement requests. The request from the buy-side may include requesting that the buy-side firm be setup with the sell-side, a particular trader be setup with the sell-side, modifications to existing setup or deletion of existing setup.

The information presented in the PartyEntitlementsUpdateReport(35=CZ) message represents the current information on the Bloomberg enablement systems of the specified party's set entitlements, the status of the entitlements, the sales trader assigned to the customer, etc., at the time the message is sent.

As this message is being used by FICC to push out pending requests to the sell-side, there is no requirement for the sell-side to link back to these pending request messages when the sell-side sends in the PartyEntitlementsDefinitionRequest(35=DA) message.

**Table 30: PartyEntitlementsUpdateReport(35=CZ)**

<PartyEntitlementsUpdateReport> - MsgType(35)= CZ				
Name	Tag	FIX Data Type	Rq'd	Description
<StandardHeader> component				Y MsgType=CZ
EntitlementReportID	1771	String	Y	The message identifier for this message as assigned by Bloomberg.
<RequestingPartyGrp_UpdateReport> component				N Identifies the party requesting the entitlement update. Conditionally required for FXGO/FXPV. See FIX Common Components section for details.
<PartyEntitlementUpdateGrp_UpdateReport> component				Y Conveys a list of parties, their entitlements for each and the status of the entitlement, and whether the entry was added, deleted or modified. See FIX Common Components section for details.
TransactTime	60	UTCTimestamp	N	Timestamp when the business transaction represented by the message occurred.
Text	58	String	N	
SecondaryEntitlementRequestID	22261	String	N	For NFPV: Used by NFPV to specify the Bloomberg ERQS request number.
<RootParties> component				N Identifies intended receiving party the entitlement the message is for. Conditionally required for FXGO/FXPV

<PartyEntitlementsUpdateReport> - MsgType(35)= CZ				
Name	Tag	FIX Data Type	Rq'd	Description
				See FIX Common Components section for details * Standard FIX Latest component added to message
<StandardTrailer> component			Y	

## 6.2 **PartyEntitlementsDefinitionRequest(35=DA)**

The PartyEntitlementsDefinitionRequest(35=DA) message is used by the sell-side to communicate to Bloomberg the add, update and deletion of the sell-side's client's entitlement settings. This message is used only to define the action(s) that a party is allowed to take.

The assignment to a pricing stream must be done via the StreamAssignmentReport(35=CD).

The sell-side may use this message to set the assigned sell-side sales trader for the buy-side. This is done in the RelatedPartyDetailGrp component.

This message may also be used by the sell-side to initiate a modification or deletion of existing party(-ies) entitlement(s).

This message is responded to by the PartyEntitlementsDefinitionRequestAck(35=DB). It is sent by Bloomberg to provide status regarding the request.

Figure 5 below is a block diagram representation of the PartyEntitlementsDefinitionRequest(35=DA) message, showing the hierarchy and the nesting of the different components.

While the standard FIX message is defined to be very flexible to accommodate wide ranging use of this message, Bloomberg is placing certain restrictions in order to minimize the complexity of this message for the first release:

For ENAB/ENFI

- The PartyDetailGrp component is required in the PartyEntitlementsDefinitionRequest(35=DA) message.
- The PartyEntitlementsDefinitionRequest(35=DA) message is restricted to requesting a single action of add, modify or delete of only one party and their entitlement(s) - i.e. one request message will support one ListUpdateAction(1324) value for one party specified in PartyDetailID(1691) of the PartyDetailGrp component.
- There may be multiple entitlements specified for the one party identified in the request.
- Update actions and how they are affected for ENAB/ENFI records. Note that these actions are applied at the entire record level:
  - ADD - To add an ENAB/ENFI record, the dealer must identify the UUID of the user. The user must be one that has not been enabled by the dealer before. If a previously created record is found for the enablement of the user with the dealer, the ADD request will be rejected.

- MODIFY - When a dealer wishes to modify (which includes adding new entitlements) the record of an existing user (i.e. user that is previously enabled) must exist already, otherwise the request will be rejected. Changes to existing records will be applied based on the data fields provided; if certain fields are not provided they will not be affected (i.e. no changes to those fields will be made).
- DELETE - When a deletion request is received the entire ENAB/ENFI enablement record for user's UUID specified will be deleted from ENAB/ENFI. If the user UUID is not found the request will be rejected.

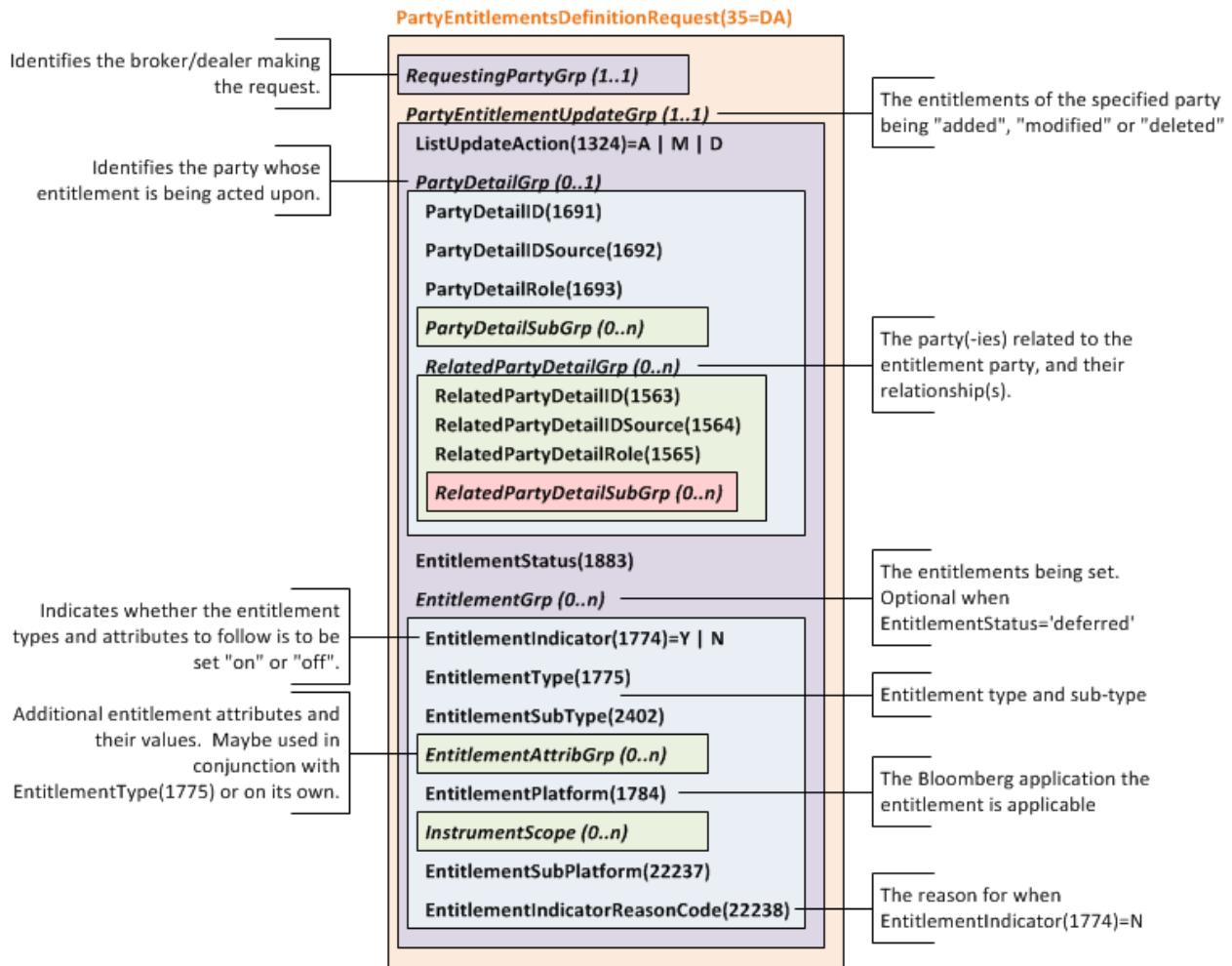
For NFPV

- The PartyDetailGrp component is optional in the PartyEntitlementsDefinitionRequest(35=DA) message. It is only required when the enablement request is specific to a user (e.g. UUID), firm number, customer number, or terminal number.
- The PartyEntitlementsDefinitionRequest(35=DA) message is restricted to requesting a single action of add, modify or delete for only one NFPV EID.

For FXPV

- The PartyDetailGrp component is required in the PartyEntitlementsDefinitionRequest(35=DA) message.
- In a given instance of PartyEntitlementUpdateGrp only one client taker (deal code or individual enablement) can be specified. Taker deal code is mandatory (used for both deal code level and UUID level enablements), UUID is optional (only required to update an UUID level enablement line).
- For any ListUpdateAction(1324) only one business action can be applied. One business action may imply several party details and entitlement details. This business action is identified through the EntitlementIntention(22936) field with the following supported intents:
  - Account mapping
  - Counterparty enablement
  - Spread bucket profile assignment
- Update actions, as specified in ListUpdateAction(1324), will affect FXPV records in the following manner at the entire record level:
  - ADD - If a previously created record is found for the enablement of the user with the dealer, the ADD request will be rejected.
  - DELETE - When a deletion request is received the entire FXPV enablement record for client's record specified will be deleted from FXPV. If the record is not found the request will be rejected.
  - MODIFY - When a dealer wishes to modify (which includes adding new entitlements) the record of an existing client (i.e. user/deal code that is previously enabled) must already exist; otherwise the request will be rejected. Changes to existing records will be applied based on the data fields provided; if certain fields are not provided they will not be affected (i.e. no changes to those fields will be made).

**Figure 5: PartyEntitlementsDefinitionsRequest(35=DA) message block diagram**



**Table 31: PartyEntitlementsDefintionRequest(35=DA)**

<PartyEntitlementsDefinitionRequest> - MsgType(35)= DA				
Name	Tag	FIX Data Type	Rq'd	Description
<StandardHeader> component			Y	MsgType=DA
EntitlementRequestID	1770	String	Y	The unique identifier for PartyEntitlementsDefinitionRequest(35=DA) message as assigned by the requester.
<RequestingPartyGrp_DefinitionRequest> component			Y	Used to identify the sell-side party making the request. May be used to authenticate that the requesting party has permission to make requests. See FIX Common Components section for details.

<PartyEntitlementsDefinitionRequest> - MsgType(35)= DA				
Name	Tag	FIX Data Type	Rq'd	Description
<PartyEntitlementUpdateGrp_DefinitionRequest> component		Y	N	Conveys the party and their entitlements to be added, modified or deleted. See FIX Common Components section for details.
Text	58	String		
<StandardTrailer> component		Y		

### 6.3 **PartyEntitlementsDefinitionRequestAck(35=DB)**

The PartyEntitlementsDefinitionRequestAck(35=DB) is sent by Bloomberg to provides status for the PartyEntitlementsDefinitionRequest(35=DA).

**Table 32: PartyEntitlementsDefinitionRequestAck(35=DB)**

<PartyEntitlementsDefinitionRequestAck> - MsgType(35)= DB				
Name	Tag	FIX Data Type	Rq'd	Description
<StandardHeader> component		Y	Y	MsgType=DB
EntitlementRequestID	1770	String		The unique identifier for PartyEntitlementsDefinitionRequest(35=DA) message as assigned by the requester.
EntitlementRequestStatus	1882	int	Y	Specifies the status of the party entitlements definition request.  Supported values: 0 = Accepted - This accepts the entire request. 2 = Rejected - This rejects the entire request. 3 = Acceptance pending - This acknowledges the request. 100 = Partially accepted - Indicates request is partially successful. EntitlementStatus(1883) and EntitlementResult(1884) of each instance of PartyEntitlementAckGrp should be interrogated.
EntitlementRequestResult	1881	int	N	Specifies the result of party entitlement definition request. If field is not specified, the default is EntitlementRequestResult(1881) = 0 (Successful). Conditionally required when EntitlementRequestStatus(1882) = 2 (Rejected).

<PartyEntitlementsDefinitionRequestAck> - MsgType(35)= DB				
Name	Tag	FIX Data Type	Rq'd	Description
				<p>Supported values:</p> <p>0 = Successful (default)      1 = Invalid party(-ies)      2 = Invalid related party(-ies)      3 = Invalid entitlement type(s)      4 = Invalid entitlement ID(s) / ref ID(s)      5 = Invalid entitlement attribute(s)      6 = Invalid instrument scope(s)      7 = Invalid market segment scope(s)      8 = Invalid start date      9 = Invalid end date      10 = Instrument scope not supported      11 = Market segment scope not supported      12 = Entitlement not approved for party(-ies)      13 = Entitlement already defined for party(-ies)      14 = Instrument not approved for party(-ies)      98 = Not authorized - The requester is not authorized      99 = Other - Further specify the rejection reason in Text(58).</p>
<RequestingPartyGrp_DefinitionRequest> component				N
<PartyEntitlementAckGrp> component				N
NoPartyEntitlements	1772	NumInGroup	N	<p>Specifies the number of party entitlement entries included in the message.</p> <p>If specified this should match the number of parties specified in the referenced PartyEntitlementsDefinitionRequest(35=DA) message.</p>
→ ListUpdateAction	1324	char	N	<p>Required if NoPartyEntitlements(1772) &gt; 0.</p> <p>The update action for this party entitlement entry instance.</p> <p>Supported values:</p> <p>A = Add      D = Delete      M = Modify</p>
→ EntitlementStatus	1883	int	N	<p>Required if NoPartyEntitlements(1772) &gt; 0.</p> <p>The status of the entitlement request for this party entitlement entry instance.</p> <p>Supported values:</p> <p>0 = Accepted</p>

<PartyEntitlementsDefinitionRequestAck> - MsgType(35)= DB				
Name	Tag	FIX Data Type	Rq'd	Description
				2 = Rejected
→ EntitlementResult	1884	int	N	<p>Result of entitlement definition request for the specified party in this instance.  If field is not specified, the default is EntitlementResult(1884) = 0 (Successful).  Conditionally required when EntitlementStatus(1883) = 2 (Rejected).</p> <p>Supported values:</p> <ul style="list-style-type: none"> <li>0 = Successful (default)</li> <li>1 = Invalid party(-ies)</li> <li>2 = Invalid related party(-ies)</li> <li>3 = Invalid entitlement type(s)</li> <li>4 = Invalid entitlement ID(s) / ref ID(s)</li> <li>5 = Invalid entitlement attribute(s)</li> <li>6 = Invalid instrument scope(s)</li> <li>7 = Invalid market segment scope(s)</li> <li>8 = Invalid start date</li> <li>9 = Invalid end date</li> <li>10 = Instrument scope not supported</li> <li>11 = Market segment scope not supported</li> <li>12 = Entitlement not approved for party(-ies)</li> <li>13 = Entitlement already defined for party(-ies)</li> <li>14 = Instrument not approved for party(-ies)</li> <li>98 = Not authorized - The requester is not authorized</li> <li>99 = Other - Further specify the rejection reason in RejectText(1328).</li> </ul>
→ RejectText	1328	String	N	Conditionally required when EntitlementResult(1884) = 99 (Other). Identifies the reason for rejection.
→ <PartyDetailGrp_DefinitionRequest> component		N	See FIX common components section for details.	
→ <EntitlementGrp_DefinitionRequest> component		N	<p>Conditionally required when specific entitlements for the specified party are added, modified or deleted.  This component is not included when EntitlementStatus(1883)=2 (Rejected).  See FIX common components section for details.</p>	
<i>end &lt;PartyEntitlementAckGrp&gt; component</i>				
Text	58	String	N	
LastUpdateTime	779	UTCTimestamp	N	<p>Timestamp of last update to the message.  * Standard FIX field added to message.</p>

<PartyEntitlementsDefinitionRequestAck> - MsgType(35)= DB				
Name	Tag	FIX Data Type	Rq'd	Description
LastUpdatedBy	22870	String	N	UUID of the person last updating the message.
<StandardTrailer> component			Y	

## 6.4 BusinessMessageReject(35=j)

The BusinessMessageReject message is used to reject an application-level message which fulfills session-level rules and cannot be rejected via any other means. Note if the message fails a session-level rule (e.g. body length is incorrect), a session-level Reject(35=3) message should be issued.

Note the only exceptions to this rule are:

- In the event a business message is received, fulfills session-level rules, however, the message cannot be communicated to the business-level processing system.** In this situation a BusinessMessageReject with BusinessRejectReason = “Application not available at this time” can be issued if the system is unable to send the specific “reject” message listed above due to this condition.
- In the event a valid business message is received, fulfills session-level rules, however, the message type is not supported by the recipient.** In this situation a BusinessMessageReject with BusinessRejectReason = “Unsupported Message Type” can be issued if the system is unable to send the specific “reject” message listed above because the receiving system cannot generate the related “reject” message.
- In the event a business message is received, fulfills session-level rules, but lacks a field conditionally required by the FIX specification.** In this situation a BusinessMessageReject with BusinessRejectReason = “Conditionally Required Field Missing” can be issued if the system is unable to send the specific “reject” message listed above. One example of this would be a stop order missing StopPx. However, a BusinessMessageReject message **MUST NOT** be used to enforce proprietary rules more restrictive than those explicit in the FIX specification, such as a broker requiring an order to contain an Account, which the FIX specification considers an optional field.

Bloomberg will also use this message to reject an application-level message received with unsupported version identifier specified in any of the following StandardHeader fields: ApplVerID(1128), ApplExtID(1156) or CstmApplVerID(1129).

**Table 33: BusinessMessageReject message table**

<BusinessMessageReject> - MsgType(35)= j				
Name	Tag	FIX Data Type	Rq'd	Description
<StandardHeader> component			Y	MsgType = j (lowercase)

<BusinessMessageReject> - MsgType(35)=j				
Name	Tag	FIX Data Type	Rq'd	Description
RefSeqNum	45	SeqNum	N	MsgSeqNum of rejected message
RefMsgType	372	String	Y	The MsgType of the FIX message being referenced.  Supported values: CZ = PartyEntitlementsUpdateReport DB = PartyEntitlementsDefinitionRequestAck
BusinessRejectRefID	379	String	N	Conditionally required unless the corresponding ID field for the message was not specified. Suggested fields of the message being rejected are: PartyEntitlementsUpdateReport [EntitlementReportID] PartyEntitlementsDefinitionRequestAck [EntitlementRequestID]
BusinessRejectReason	380	int	Y	Code to identify reason for a BusinessMessageReject(35=j) message.  Supported values: 0 = Other 1 = Unknown ID 2 = Unknown Security 3 = Unsupported Message Type 4 = Application not available 5 = Conditionally required field missing 6 = Not Authorized 1000 = Unsupported ApplVerID(1128), ApplExtID(1156) or CstmApplVerID(1129) value
Text	58	String	N	Explanation of reason for reject.
<StandardTrailer> component		Y		

## Appendix 6-A: Supported values for EntitlementAttribValue(1780)

The following table lists the values supported in the EntitlementAttribValue(1780) field. This field is an unconstrained "String" field that allows the listed values below as well as quantity values, integer values and amount values, where appropriate, expressed as a "String" data type.

NOTE: This table may not be complete, please confirm values used with integration team.

Table 34: Supported values for EntitlementAttribValue(1780)

EntitlementAttribValue(1780)	Usage description
1	Used with EntitlementAttribType(1778)=5028 (Class)

<b>EntitlementAttribValue(1780)</b>	<b>Usage description</b>
	Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
2	Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
3	Used with EntitlementAttribType(1778)=5028 (Class) Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
4	Used with EntitlementAttribType(1778)=5028 (Class) Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
5	Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
6	Used with EntitlementAttribType(1778)=5020 (Salesperson notification message filter)
Agency	Used with EntitlementAttribType(1778)=5045 (Clearing model)
ASX = Australian Stock Exchange	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
BUY = Buy order	Use with EntitlementAttribType(1778)=5027 (Side)
CHF = Swiss Franc	Use with EntitlementAttribType(1778)=5016 (Dealer override of Markitwire currency-specific settlement)
CLEANREG = Clean registered	When used with EntitlementAttribType(1778)=5018 (JGB Tax status) this denotes client trades is "clean registered" trades.
CME = CME US	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
CMECE = CME Europe	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
CS1 = Sector 1 Customizable Swap	Dealer's Sector 1 Customizable Swap page
CS2 = Sector 2 Customizable Swap	Dealer's Sector 2 Customizable Swap page
CS3 = Sector 3 Customizable Swap	Dealer's Sector 3 Customizable Swap page
CS4 = Sector 4 Customizable Swap	Dealer's Sector 4 Customizable Swap page
CS5 = Sector 5 Customizable Swap	Dealer's Sector 5 Customizable Swap page
CS6 = Sector 6 Customizable Swap	Dealer's Sector 6 Customizable Swap page
CS7 = Sector 7 Customizable Swap	Dealer's Sector 7 Customizable Swap page
CS8 = Sector 8 Customizable Swap	Dealer's Sector 8 Customizable Swap page
CS9 = Sector 9 Customizable Swap	Dealer's Sector 9 Customizable Swap page
CS10 = Sector 10 Customizable Swap	Dealer's Sector 10 Customizable Swap page
CS11 = Sector 11 Customizable Swap	Dealer's Sector 11 Customizable Swap page
CS12 = Sector 12 Customizable Swap	Dealer's Sector 12 Customizable Swap page
CS13 = Sector 13 Customizable Swap	Dealer's Sector 13 Customizable Swap page
CS14 = Sector 14 Customizable Swap	Dealer's Sector 14 Customizable Swap page
CS15 = Sector 15 Customizable Swap	Dealer's Sector 15 Customizable Swap page
CS16 = Sector 16 Customizable Swap	Dealer's Sector 16 Customizable Swap page
CS17 = Sector 17 Customizable Swap	Dealer's Sector 17 Customizable Swap page
CS18 = Sector 18 Customizable Swap	Dealer's Sector 18 Customizable Swap page
CS19 = Sector 19 Customizable Swap	Dealer's Sector 19 Customizable Swap page
CS20 = Sector 20 Customizable Swap	Dealer's Sector 20 Customizable Swap page
CS21 = Sector 21 Customizable Swap	Dealer's Sector 21 Customizable Swap page
CS22 = Sector 22 Customizable Swap	Dealer's Sector 22 Customizable Swap page

<b>EntitlementAttribValue(1780)</b>	<b>Usage description</b>
CS23 = Sector 23 Customizable Swap	Dealer's Sector 23 Customizable Swap page
CS24 = Sector 24 Customizable Swap	Dealer's Sector 24 Customizable Swap page
CS25 = Sector 25 Customizable Swap	Dealer's Sector 25 Customizable Swap page
CS26 = Sector 26 Customizable Swap	Dealer's Sector 26 Customizable Swap page
CS27 = Sector 27 Customizable Swap	Dealer's Sector 27 Customizable Swap page
CS28 = Sector 28 Customizable Swap	Dealer's Sector 28 Customizable Swap page
CS29 = Sector 29 Customizable Swap	Dealer's Sector 29 Customizable Swap page
CS30 = Sector 30 Customizable Swap	Dealer's Sector 30 Customizable Swap page
CS31 = Sector 31 Customizable Swap	Dealer's Sector 31 Customizable Swap page
CS32 = Sector 32 Customizable Swap	Dealer's Sector 32 Customizable Swap page.
CS33 = Sector 33 Customizable Swap	Dealer's Sector 33 Customizable Swap page
CS34 = Sector 34 Customizable Swap	Dealer's Sector 34 Customizable Swap page
CS35 = Sector 35 Customizable Swap	Dealer's Sector 35 Customizable Swap page
CS36 = Sector 36 Customizable Swap	Dealer's Sector 36 Customizable Swap page
CS37 = Sector 37 Customizable Swap	Dealer's Sector 37 Customizable Swap page
CS38 = Sector 38 Customizable Swap	Dealer's Sector 38 Customizable Swap page
CS39 = Sector 39 Customizable Swap	Dealer's Sector 39 Customizable Swap page
CS40 = Sector 40 Customizable Swap	Dealer's Sector 40 Customizable Swap page
DEPT = Department	Use with EntitlementAttribType(1778)=5026 (TOMS STP Routing)
DFA = DFA price tier level	Use with EntitlementAttribType(1778)=5030 (TOMS Price level)
DIRTYREG = Dirty registered	When used with EntitlementAttribType(1778)=5018 (JGB Tax status) this denotes client trades is "dirty registered" trades
EUR = Euro	Use with EntitlementAttribType(1778)=5016 (Dealer override of Markitwire currency-specific settlement)
EUREX = Eurex Exchange	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
GBP = British Pound	Use with EntitlementAttribType(1778)=5016 (Dealer override of Markitwire currency-specific settlement)
HKEX = Hong Kong Stock Exchange	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
HOLDCUST = Hold in Custody	Use with EntitlementAttribType(1778)=5017 (Delivery Type)
ICE = ICE	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
ICEE = ICE Europe	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
JPY = Japanese Yen	Use with EntitlementAttribType(1778)=5016 (Dealer override of Markitwire currency-specific settlement)
JSCC = Japan Securities Clearing Corp	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
L1 = Price tier level 1	Use with EntitlementAttribType(1778)=5030 (TOMS Price level)
L2 = Price tier level 2	Use with EntitlementAttribType(1778)=5030 (TOMS Price level)
L3 = Price tier level 3	Use with EntitlementAttribType(1778)=5030 (TOMS Price level)
LCH = LCH Europe	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
LCHUS = LCH US	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
LMT = Limit order type	Use with EntitlementAttribType(1778)=5019 (Order type)

<b>EntitlementAttribValue(1780)</b>	<b>Usage description</b>
MACRO = Macro routing rule	Use with EntitlementAttribType(1778)=5026 (TOMS STP Routing)
MKT = Market order type	Use with EntitlementAttribType(1778)=5019 (Order type)
MOC = Market on close order type	Use with EntitlementAttribType(1778)=5019 (Order type)
MOO = Market on open order type	Use with EntitlementAttribType(1778)=5019 (Order type)
N = An entitlement attribute is not allowed	Use when the EntitlementAttribType(1778) takes a Boolean value
ONITE = Overnight termination type	Use with EntitlementAttribType(1778)=5023 (Termination type)
OPEN = Open termination type	Use with EntitlementAttribType(1778)=5023 (Termination type)
Principal	Use with EntitlementAttribType(1778)=5045 (Clearing model)
S1 = Sector 1	Dealer's Sector 1 page
S2 = Sector 2	Dealer's Sector 2 page
S3 = Sector 3	Dealer's Sector 3 page
S4 = Sector 4	Dealer's Sector 4 page
S5 = Sector 5	Dealer's Sector 5 page
S6 = Sector 6	Dealer's Sector 6 page
S7 = Sector 7	Dealer's Sector 7 page
S8 = Sector 8	Dealer's Sector 8 page
S9 = Sector 9	Dealer's Sector 9 page
S10 = Sector 10	Dealer's Sector 10 page
S11 = Sector 11	Dealer's Sector 11 page
S12 = Sector 12	Dealer's Sector 12 page
S13 = Sector 13	Dealer's Sector 13 page
S14 = Sector 14	Dealer's Sector 14 page
S15 = Sector 15	Dealer's Sector 15 page
S16 = Sector 16	Dealer's Sector 16 page
S17 = Sector 17	Dealer's Sector 17 page
S18 = Sector 18	Dealer's Sector 18 page
S19 = Sector 19	Dealer's Sector 19 page
S20 = Sector 20	Dealer's Sector 20 page
S21 = Sector 21	Dealer's Sector 21 page
S22 = Sector 22	Dealer's Sector 22 page
S23 = Sector 23	Dealer's Sector 23 page
S24 = Sector 24	Dealer's Sector 24 page
S25 = Sector 25	Dealer's Sector 25 page
S26 = Sector 26	Dealer's Sector 26 page
S27 = Sector 27	Dealer's Sector 27 page
S28 = Sector 28	Dealer's Sector 28 page
S29 = Sector 29	Dealer's Sector 29 page
S30 = Sector 30	Dealer's Sector 30 page
S31 = Sector 31	Dealer's Sector 31 page
S32 = Sector 32	Dealer's Sector 32 page

EntitlementAttribValue(1780)	Usage description
S33 = Sector 33	Dealer's Sector 33 page
S34 = Sector 34	Dealer's Sector 34 page
S35 = Sector 35	Dealer's Sector 35 page
S36 = Sector 36	Dealer's Sector 36 page
S37 = Sector 37	Dealer's Sector 37 page
S38 = Sector 38	Dealer's Sector 38 page
S39 = Sector 39	Dealer's Sector 39 page
S40 = Sector 40	Dealer's Sector 40 page
SALES = Salesperson or sales desk	Use with EntitlementAttribType(1778)=5022 (Route to)
SELL = Sell order	Use with EntitlementAttribType(1778)=5027 (Side)
SGX = Singapore Stock Exchange	Use with EntitlementAttribType(1778)=5024 (Clearinghouse)
TERM = Term termination type	Use with EntitlementAttribType(1778)=5023 (Termination type)
TRADER = Trader	Use with EntitlementAttribType(1778)=5022 (Route to) Use with EntitlementAttribType(1778)=5026 (TOMS STP Routing)
USD = US Dollar	Use with EntitlementAttribType(1778)=5016 (Dealer override of Markitwire currency-specific settlement)
Y = An entitlement attribute is allowed	Use when the EntitlementAttribType(1778) takes a Boolean value

## Appendix 6-B: Bloomberg Industry Codes

The table below lists the values to be used in PartyDetailSubID(1695) when PartyDetailSubIDType(1696)=4103 (Bloomberg Industry Codes).

**Table 35: Bloomberg Industry Codes**

Value used in PartyDetailSubID(1695)	Description
BA	Bloomberg Accounts
CB	Commercial Banks
CP	Corporations
CU	Credit Unions
DS	Data Suppliers
ED	Universities
FO	Family Office
GB	Banks - Global
HF	Hedge Funds
IN	Insurance Companies
LS	Law School
LC	Legal Counsel
MB	Mortgage
MD	Media Distributors
OS	Outsourcing

<b>Value used in PartyDetailSubID(1695)</b>	<b>Description</b>
PF	Pension Funds
PI	Private Investors
RB	Banks - Regional
RD	Broker Dealers - Regional
SP	Service Provider
VD	Vendor
CT	Commodity Futures Dealers
GA	Government Agencies
GD	Broker Dealers - Global
IB	Investment Bank/Broker Dealer
IM	Investment Advisors/Money Managers
PW	Private Equity/Venture Capital
SV	Sovereign Wealth Fund

# **7 Appendix A – Message Samples**

The sample message tables below are provided to illustrate the use of the messages supported in this specification and are not intended to be definitive.

## 7.1 Samples for ENAB and ENFI

The following are sample requests and entitlement setup messages specific to ENAB/ENFI.

### 7.1.1 Entitlement Request Notification to Dealer from Bloomberg

For the purpose of illustration, the sample entitlement request notification FIX message uses the following sample data set:

**Table 36: Sample data set for ENAB/ENFI entitlement request notification**

Sample 1: from Dealer D1	Sample 2: from Dealer D2
User Name:USER-1	User Name:USER-1
User Firm:BLOOMBERG/ PRINCETON - 101	User Firm:BLOOMBERG/ PRINCETON - 101
Country:UNITED STATES	Country:UNITED STATES
UUID:742393	UUID:742393
Cust #:30104334	Cust #:30104334
Firm #:9001	Firm #:9001
Broker:D1	Broker:D2
Application:EURO	Application: IRS
Salesperson:SALESPERSON-1	Salesperson:SALESPERSON-1
	Notes: Clearing:CME:CMECE:LCH

#### 7.1.1.1 Sample 1 - Request to Dealer 1 from Bloomberg

The "request" from Bloomberg is using the PartyEntitlementsUpdateReport(35=CZ) as a "push" message to indicate to the dealer of a pending entitlement.

**Table 37: ENAB/ENFI Sample Entitlement Request Notification to Dealer 1 from Bloomberg**

Sample 1 Request to Dealer1 from Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-001	EntitlementReportID=20151101-105231-001	Message identifier assigned by Bloomberg.
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=2	NoPartyDetails=2	2 parties are being specified
→→ 1691=742393	PartyDetailID=<LEI>	LEI of the client firm
→→ 1692=N	PartyDetailIDSource=N (Legal Entity)	The identifier value uses the LEI

Sample 1 Request to Dealer1 from Bloomberg		
FIX tag #	Field name	Comments
	Identifier)	
→→ 1693=13	PartyDetailRole=13 (Order origination firm)	Identifies that the party is a firm
→→ 1691=742393	PartyDetailID=742393	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <PartyDetailSubGrp>		Additional sub IDs for the trader
→→ 1694=6	NoPartyDetailSubIDs=6	6 instances of information are included.
→→→ 1695=30104334	[1] PartyDetailSubID=30104334	Customer number value
→→→ 1696=4016	[1] PartyDetailSubIDType=4016 (Bloomberg customer number)	Specifies that the above is a Bloomberg customer number
→→→ 1695= USER-1	[2] PartyDetailSubID= USER-1	Customer full name
→→→ 1696=2	[2] PartyDetailSubIDType=2 (Person)	Specifies that the above is a person's name
→→→ 1695= BLOOMBERG/ PRINCETON - 101	[3] PartyDetailSubID= BLOOMBERG/ PRINCETON - 101	Firm name
→→→ 1696=1	[3] PartyDetailSubIDType=1 (Firm)	Specifies that the above is a firm name
→→→ 1695= 9001	[4] PartyDetailSubID=9001	Firm number
→→→ 1696=4014	[4] PartyDetailSubIDType=4014 (Firm number)	Specifies that the above is a firm number
→→→ 1695= UNITED STATES	[5] PartyDetailSubID= UNITED STATES	Country full name
→→→ 1696=4048	[5] PartyDetailSubIDType=4048 (Full name of country)	Specifies the above is the full country name, not ISO country code
→→→ 1695= UNITED STATES	[6] PartyDetailSubID=USER-1@firm-1.com	Customer email
→→→ 1696=4048	[6] PartyDetailSubIDType=8 (Email address)	Specifies the above is the email address of the customer
→→ end <PartyDetailSubGrp>		
→→ <RelatedPartyDetailGrp>		Related party information for the party identified in PartyDetailID
→→ 1562=2	NoRelatedPartyDetailID=2	2 instances of related party information for the identified party in PartyDetailID
→→→ 1563=D1	[1] RelatedPartyDetailID=D1	Dealer's ID
→→→ 1564=D or N	[1] RelatedPartyDetailIDSource=D (Proprietary / Custom) or [1] RelatedPartyDetailIDSource=N (Legal Entity Identifier (ISO 17442 LEI))	The identifier value follows a proprietary source scheme or The identifier value uses the ISO 17442 LEI.
→→→ 1565=1	[1] RelatedPartyDetailRole=1 (Executing firm)	Identifies that the party is an executing firm, i.e. dealer
→→→ 1563=<UUID of sales person>	[2] RelatedPartyDetailID=<UUID of sales person>	Salesperson's UUID
→→→ 1564=D	[2] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	[2] RelatedPartyDetailRole=117 (Sales person)	Identifies that the party is a sales person (primary in this case, i.e.

Sample 1 Request to Dealer1 from Bloomberg		
FIX tag #	Field name	Comments
		salesperson 1)
→→→ <RelatedPartyDetailSubGrp>	[2]	
→→→ 1566=1	NoRelatedPartyDetailSubIDs=1	1 instance of sub ID information for the sales person
→→→ 1567=SALESPERSON-1	RelatedPartyDetailSubID= SALESPERSON-1	Sales person full name
→→→ 1568=2	RelatedPartyDetailSubIDType=2 (Person)	Specifies that the above is a person's name
→→→ end <RelatedPartyDetailSubGrp>		
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1883=4	EntitlementStatus=4 (Requested)	<i>With a ListUpdateAction=A (Add) it is assumed that this is an initial request</i>
→ <EntitlementGrp>		
→ 1773=1	NoEntitlements=1	1 instance of entitlement being requested
→→ 1774=Y	EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1784=EURO	EntitlementPlatform=EURO	Party in PartyDetailID is requesting to be entitled on the EURO platform.
→→ <InstrumentScopeGrp>		
→→ 1656=1	NoInstrumentScopes=1	1 instance of the RFE sectors included
→→→ 1535=1	InstrumentScopeOperator=Include	Include the specified RFE sectors as "in scope" of the entitlement.
→→→ <InstrumentScope>		
→→→ 1544="Government"	InstrumentScopeProductComplex=Governments	RFE "Government" sector
→→→ 1545="Euro Gov"	InstrumentScopeSecurityGroup=Euro Governments	RFE "Euro Government" sub-sector.
→→→ end <InstrumentScope>		
→→ end <InstrumentScopeGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.1.1.2 Sample 2 - Request to Dealer2 from Bloomberg

In this sample it should be noted that the client requests to clear their IRS transactions through specified 3 clearing organizations.

**Table 38: ENAN/ENFI Sample Entitlement Request Notification to Dealer 2 from Bloomberg**

Sample 2 - Request to Dealer2 from Bloomberg		
FIX tag #	Field name	Comments

Sample 2 - Request to Dealer2 from Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-001	EntitlementReportID=20151101-105231-002	Message identifier assigned by Bloomberg.
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=742393	PartyDetailID=742393	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <PartyDetailSubGrp>		Additional sub IDs for the trader
→→ 1694=5	NoPartyDetailSubIDs=5	5 instances of information are included.
→→→ 1695=30104334	[1] PartyDetailSubID=30104334	Customer number value
→→→ 1696=4016	[1] PartyDetailSubIDType=4016 (Bloomberg customer number)	Specifies that the above is a Bloomberg customer number
→→→ 1695= USER-1	[2] PartyDetailSubID= USER-1	Customer full name
→→→ 1696=2	[2] PartyDetailSubIDType=2 (Person)	Specifies that the above is a person's name
→→→ 1695= BLOOMBERG/ PRINCETON - 101	[3] PartyDetailSubID= BLOOMBERG/ PRINCETON - 101	Firm name
→→→ 1696=1	[3] PartyDetailSubIDType=1 (Firm)	Specifies that the above is a firm name
→→→ 1695= 9001	[4] PartyDetailSubID=9001	Firm number
→→→ 1696=4014	[4] PartyDetailSubIDType=4014 (Firm number)	Specifies that the above is a firm number
→→→ 1695= UNITED STATES	[5] PartyDetailSubID= UNITED STATES	Country full name
→→→ 1696=4048	[5] PartyDetailSubIDType=4048 (Full name of country)	Specifies the above is the full country name, not ISO country code
→→ end <PartyDetailSubGrp>		
→→ <RelatedPartyDetailGrp>		Related party information for the party identified in PartyDetailID
→→ 1562=5	NoRelatedPartyDetailID=5	5 instances of related party information for the identified party in PartyDetailID
→→→ 1563=D2	[1] RelatedPartyDetailID=D2	Dealer's ID
→→→ 1564=D	[1] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=1	[1] RelatedPartyDetailRole=1 (Executing firm)	Identifies that the party is an executing firm, i.e. dealer
→→→ 1563= <UUID of sales person>	[2] RelatedPartyDetailID=<UUID of sales person>	Salesperson's UUID

Sample 2 - Request to Dealer2 from Bloomberg		
FIX tag #	Field name	Comments
→→→ 1564=D	[2] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	[2] RelatedPartyDetailRole=117 (Sales person)	Identifies that the party is a sales person (primary in this case, i.e. salesperson 1)
→→→ <RelatedPartyDetailSubGrp>	[2]	
→→→ 1566=1	NoRelatedPartyDetailSubIDs=1	1 instance of sub ID information for the sales person
→→→ 1567=SALESPERSON-1	RelatedPartyDetailSubID= SALESPERSON-1	Sales person full name
→→→ 1568=2	RelatedPartyDetailSubIDType=2 (Person)	Specifies that the above is a person's name
→→→ end <RelatedPartyDetailSubGrp>		
→→→ 1563=CME	[3] RelatedPartyDetailID=CME	Clearing organization's ID
→→→ 1564=D	[3] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=21	[3] RelatedPartyDetailRole=21 (Clearing organization)	Identifies that the party is clearing organization
→→→ 1563=CMECE	[4] RelatedPartyDetailID=CMECE	Clearing organization's ID
→→→ 1564=D	[4] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=21	[4] RelatedPartyDetailRole=21 (Clearing organization)	Identifies that the party is clearing organization
→→→ 1563=LCH	[5] RelatedPartyDetailID=LCH	Clearing organization's ID
→→→ 1564=D	[5] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=21	[5] RelatedPartyDetailRole=21 (Clearing organization)	Identifies that the party is clearing organization
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1883=4	EntitlementStatus=4 (Requested)	<i>With a ListUpdateAction=A (Add) it is assume that this is an initial request</i>
→ <EntitlementGrp>		
→ 1773=1	NoEntitlements=1	1 instance of entitlements being request
→→ 1774=Y	EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1784=IRS	EntitlementPlatform=IRS	Party in PartyDetailID is requesting to be entitled on the IRS platform.
→→ <InstrumentScopeGrp>		
→→ 1656=1	NoInstrumentScopes=1	1 instance of the RFE sectors included
→→→ 1535=1	InstrumentScopeOperator=Include	Include the specified RFE sectors as "in scope" of the entitlement.
→→→ <InstrumentScope>		

Sample 2 - Request to Dealer2 from Bloomberg		
FIX tag #	Field name	Comments
→→→1544="Interest Rate Swaps"	InstrumentScopeProductcomplex=Interest Rate Swaps	RFE "Interest Rate Swaps" sector
→→→1545="IRS Local Markets"	InstrumentScopeSecurityGroup=IRS Local Markets	RFE "IRS Local Markets" sub-sector.
→→→ end <InstrumentScope>		
→→ end <InstrumentScopeGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.1.2 Entitlement Setup Request from Dealer to Bloomberg

For the purpose of illustration, the sample entitlement setup request FIX message uses the following sample data set. The sample data is from a single dealer entitling three different traders (as identified by their UUID) on the EURO platform. Each sample message is enabling a single trader only. The corresponding sample message for each row of sample data is identified in the far right column.

Table 39: Sample data set for ENAB/ENFI entitlement setup request

Broker/Ap p	D1/EU RO														Msg Sam ple
UUID	Status	Sector 1	Sector 2	Sector 3	Sector 4	Allow Price Reque st	Allo w Price d Orde r	UUID( Salesper son 1)	UUID( Salesper son 2)	Accou nt 1	Accou nt 2	Acco unt 3	Accou nt 4		
9942151	Trade	X	X	X	X	X	X	5174	24739	TEST1	TEST2				1
9599029	Trade	X	X	X	X	X	X	5174	24739	TEST1	TEST2			TEST 4	2
742393	Trade	X	X	X	X	X	X	5174	24739	TEST1	TEST2				3

#### 7.1.2.1 Sample 1 - Response from Dealer1 to Bloomberg

The "response" from the dealer uses the PartyEntitlementsDefinitionRequest(35=DA) message.

In the sample below, some rows have been "grayed out". This shows optional data that repeats the same value as the previous entry in the repeating group. It is possible to omit these in order to minimize the message size.

Table 40: ENAB/ENFI Sample Entitlement Setup Request from Dealer to Bloomberg

Sample 1 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.

Sample 1 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
1771=20151102-130932-010	EntitlementReportID=20151102-130932-010	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=D1	RequestingPartyID=D1	Broker code of the dealer making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker code.
→ 1658=A1	RequestingPartyID=A1	Broker code's administrator
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=9942151	PartyDetailID=9942151	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <RelatedPartyDetailGrp>		Related party information for the party identified in PartyDetailID
→→ 1562=4	NoRelatedPartyDetailID=4	4 instances of related party information for the identified party in PartyDetailID
→→→ 1563=5174	[1] RelatedPartyDetailID=5174	Salesperson's UUID
→→→ 1564=D	[1] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	[1] RelatedPartyDetailRole=117 (Sales person)	Identifies that the party is a sales person (primary in this case, i.e. salesperson 1)
→→→ 1563=24739	[2] RelatedPartyDetailID=24739	Salesperson's UUID
→→→ 1564=D	[2] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6000	[2] RelatedPartyDetailRole=6000 (Sales person 2)	Identifies that the party is a sales person (sales person 2 in this case)
→→→ 1563=TEST1	[3] RelatedPartyDetailID=TEST1	Identifier for account 1 at the dealer for this client

Sample 1 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
→→→ 1564=D	[3] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6201	[3] RelatedPartyDetailRole=6201 (Account 1)	Identifies that the party is an account (Account 1 in this case)
→→→ 1563=TEST2	[4] RelatedPartyDetailID=TEST2	Identifier for account 2 at the dealer for this client
→→→ 1564=D	[4] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6202	[4] RelatedPartyDetailRole=6202 (Account 2)	Identifies that the party is an account (Account 2 in this case)
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		
→ 1773=3	NoEntitlements=3	Number of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	[1] EntitlementType=0 (Trade)	Entitled to trade.
→→ 2402=2	[1] EntitlementSubType=2 (Hit/Lift)	"Allow priced order" - "single dealer, customer sends order within specified size offered offer (hit/lift model)"
→→ 1784=EURO	[1] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→→ 1774=Y	[2] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=7	[2] EntitlementType=7 (Submit quote requests)	Entitled to request prices from single dealer
→→ 2402=7	[2] EntitlementSubType=7 (single broker)	"Allow price request" - "single dealer RFQ"
→→ 1784=EURO	[2] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→→ 1774=Y	[3] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	[3] EntitlementType=0 (Trade)	Entitled to trade.
→→ <EntitlementAttribGrp>		
→→ 1777=4	[3] NoEntitlementAttrib=4	Number of attributes specified
→→→ 1778=5035	[3.1] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.1] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S1	[3.1] EntitlementAttribValue=S1 (Sector 1)	Specifies the sector as "S1" for Sector 1
→→→ 1778=5035	[3.2] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.2] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S2	[3.2] EntitlementAttribValue=S2 (Sector 2)	Specifies the sector as "S2" for Sector 2

Sample 1 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
→→→ 1778=5035	[3.3] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.3] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S3	[3.3] EntitlementAttribValue=S3 (Sector 3)	Specifies the sector as "S3" for Sector 3
→→→ 1778=5035	[3.4] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.4] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S4	[3.4] EntitlementAttribValue=S4 (Sector 4)	Specifies the sector as "S4" for Sector 4
→ end <EntitlementAttribGrp>		
→ 1784=EURO	[3] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.1.2.2 Sample 2 - Response from Dealer1 to Bloomberg

The "response" from the dealer uses the PartyEntitlementsDefinitionRequest(35=DA) message.

In the sample below, some rows have been "grayed out". This shows optional data that repeats the same value as the previous entry in the repeating group. It is possible to omit these in order to minimize the message size.

Table 41: ENAB/ENFI Sample Entitlement Setup Request from Dealer to Bloomberg

Sample 2 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151102-130932-018	EntitlementReportID=20151102-130932-018	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=D1	RequestingPartyID=D1	Broker code of the dealer making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker code.
→ 1658=A1	RequestingPartyID=A1	Broker code's administrator
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker code's administrator.
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		

Sample 2 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=9599029	PartyDetailID=9599029	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <RelatedPartyDetailGrp>		Related party information for the party identified in PartyDetailID
→→ 1562=5	NoRelatedPartyDetailID=5	5 instances of related party information for the identified party in PartyDetailID
→→→ 1563=5174	[1] RelatedPartyDetailID=5174	Salesperson's UUID
→→→ 1564=D	[1] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	[1] RelatedPartyDetailRole=117 (Sales person)	Identifies that the party is a sales person (primary in this case, i.e. salesperson 1)
→→→ 1563=24739	[2] RelatedPartyDetailID=24739	Salesperson's UUID
→→→ 1564=D	[2] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6000	[2] RelatedPartyDetailRole=6000 (Sales person 2)	Identifies that the party is a sales person (sales person 2 in this case)
→→→ 1563=TEST1	[3] RelatedPartyDetailID=TEST1	Identifier for account 1 at the dealer for this client
→→→ 1564=D	[3] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6201	[3] RelatedPartyDetailRole=6201 (Account 1)	Identifies that the party is an account (Account 1 in this case)
→→→ 1563=TEST2	[4] RelatedPartyDetailID=TEST2	Identifier for account 2 at the dealer for this client
→→→ 1564=D	[4] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6202	[4] RelatedPartyDetailRole=6202 (Account 2)	Identifies that the party is an account (Account 2 in this case)
→→→ 1563=TEST4	[5] RelatedPartyDetailID=TEST4	Identifier for account 4 at the dealer for this client
→→→ 1564=D	[5] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=6204	[5] RelatedPartyDetailRole=6204 (Account 4)	Identifies that the party is an account (Account 4 in this case)
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		

Sample 2 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
→ 1773=3	NoEntitlements=3	3 instances of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	[1] EntitlementType=0 (Trade)	Entitled to trade.
→→ 2402=2	[1] EntitlementSubType=2 (Hit/Lift)	"Allow priced order" - "single dealer, customer sends order within specified size offered offer (hit/lift model)"
→→ 1784=EURO	[1] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→→ 1774=Y	[2] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=7	[2] EntitlementType=7 (Submit quote requests)	Entitled to request prices from single dealer
→→ 2402=7	[2] EntitlementSubType=7 (single broker)	"Allow price request" - "single dealer RFQ"
→→ 1784=EURO	[2] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→→ 1774=Y	[3] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	[3] EntitlementType=0 (Trade)	Entitled to trade.
→→ <EntitlementAttribGrp>		
→→ 1777=4	[3] NoEntitlementAttrib=4	Number of attributes specified
→→→ 1778=5035	[3.1] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.1] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S1	[3.1] EntitlementAttribValue=S1 (Sector 1)	Specifies the sector as "S1" for Sector 1
→→→ 1778=5035	[3.2] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.2] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S2	[3.2] EntitlementAttribValue=S2 (Sector 2)	Specifies the sector as "S2" for Sector 2
→→→ 1778=5035	[3.3] EntitlementAttribType=5035 (Sector)	Entitlement attribute type of "Sector"
→→→ 1779=14	[3.3] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S3	[3.3] EntitlementAttribValue=S3 (Sector 3)	Specifies the sector as "S3" for Sector 3
→→→ 1778=5035	[3.4] EntitlementAttribType=5035	Entitlement attribute type of "Sector"

Sample 2 - Response from Dealer1 to Bloomberg		
FIX tag #	Field name	Comments
	(Sector)	
→→→ 1779=14	[3.4] EntitlementAttribDatatype=14 (String)	
→→→ 1780=S4	[3.4] EntitlementAttribValue=S4 (Sector 4)	Specifies the sector as "S4" for Sector 4
→→ end <EntitlementAttribGrp>		
→→ 1784=EURO	[3] EntitlementPlatform=EURO	Party in PartyDetailID is to be entitled on the EURO platform.
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.1.2.3 Sample 3 - Response from Dealer1 to Bloomberg

This sample is same as Sample 1 with the difference of the UUID value of the PartyDetailID for the trader.

## 7.2 Samples for ERQS and NFPV

### 7.2.1 ERQS Samples

#### 7.2.1.1 Sample ERQS Entitlement Request Notification to Dealer from Bloomberg

The "request" from Bloomberg is using the PartyEntitlementsUpdateReport(35=CZ) as a "push" message to indicate to the dealer of a pending entitlement.

**Table 42: ERQS Sample Entitlement Setup Request from Dealer to Bloomberg**

Sample ERQS Request to Dealer from Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-001	EntitlementReportID=20151101-105231-001	Message identifier assigned by Bloomberg.
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified

Sample ERQS Request to Dealer from Bloomberg		
FIX tag #	Field name	Comments
→→ 1691=63722	PartyDetailID=63722	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <PartyDetailSubGrp>		Additional sub IDs for the trader
→→ 1694=5	NoPartyDetailSubIDs=5	5 instances of information are included.
→→→ 1695=123456	[1] PartyDetailSubID=123456	Customer number value
→→→ 1696=4016	[1] PartyDetailSubIDType=4016 (Bloomberg customer number)	Specifies that the above is a Bloomberg customer number
→→→ 1695= John Kelemen	[2] PartyDetailSubID= John Kelemen	Customer full name
→→→ 1696=2	[2] PartyDetailSubIDType=2 (Person)	Specifies that the above is a person's name
→→→ 1695= ABC Bank Global	[3] PartyDetailSubID= ABC Bank Global	Firm name
→→→ 1696=1	[3] PartyDetailSubIDType=1 (Firm)	Specifies that the above is a firm name
→→→ 1695= 7890	[4] PartyDetailSubID=7890	Firm number
→→→ 1696=4014	[4] PartyDetailSubIDType=4014 (Firm number)	Specifies that the above is a firm number
→→→ 1695= GB	[5] PartyDetailSubID= GB	ISO Country code
→→→ 1696=38	[5] PartyDetailSubIDType=38 (Address Country (ISO Country code))	Specifies the above is ISO country code
→→→ 1695= +44 20 9999 9999	[6] PartyDetailSubID= +44 20 9999 9999	Phone number
→→→ 1696=7	[6] PartyDetailSubIDType=7 (Phone number)	Specifies the above is a phone number
→→→ 1695= jkelemen@ABCBank.com	[7] PartyDetailSubID=jkelemen@ABCBank.com	Email
→→→ 1696=8	[7] PartyDetailSubIDType=8 (Email)	Specifies the above is an email address
→→ end <PartyDetailSubGrp>		
→→ <RelatedPartyDetailGrp>		Related party information for the party identified in PartyDetailID
→→ 1562=2	NoRelatedPartyDetailID=2	1 instances of related party information for the identified party in PartyDetailID
→→→ 1563= <UUID of sales person>	[2] RelatedPartyDetailID=<sales person name>	Salesperson's name
→→→ 1564=D	[2] RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	[2] RelatedPartyDetailRole=117 (Sales person)	Identifies that the party is a sales person (primary in this case, i.e. salesperson 1)
→→→ <RelatedPartyDetailSubGrp>	[2]	
→→→ 1566=2	NoRelatedPartyDetailSubIDs=1	1 instance of sub ID information for the sales person
→→→ 1567=kbarlow@dealerbank.com	RelatedPartyDetailSubID=kbarlow@dealerbank.com	Sales person email
→→→ 1568=8	RelatedPartyDetailSubIDType=8 (Email)	Specifies that the above is an email

Sample ERQS Request to Dealer from Bloomberg		
FIX tag #	Field name	Comments
		address
→→→ end <RelatedPartyDetailSubGrp>		
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		
→ 1773=1	NoEntitlements=1	1 instance of entitlement being requested
→→ 1774=Y	EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ <EntitlementAttribGrp>		
→→ 1777=3	NoEntitlementAttrib=3	
→→→ 1778=5036	[1] EntitlementAttribType=5036 (NFPV EID Code)	The EID product number
→→→ 1779=1	[1] EntitlementAttribDatatype=1 (int)	
→→→ 1780=20504	[1] EntitlementAttribValue=20504	
→→→ 1778=5037	[2] EntitlementAttribType=5037 (NFPV EID Product name)	The product name
→→→ 1779=14	[2] EntitlementAttribDatatype=14 (String)	
→→→ 1780="French Government Bonds"	[2] EntitlementAttribValue="French Government Bonds"	
→→→ 1778=5039	[3] EntitlementAttribType=5029 (Tiered)	Whether tiered or not
→→→ 1779=13	[3] EntitlementAttribDatatype=13 (Boolean)	
→→→ 1780=Y	[3] EntitlementAttribValue=Y	
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
22261=<ERQS ID#>	SecondaryEntitlementRequestID=<ERQS ID#>	The request ID from the ERQS system
<StandardTrailer>		

## 7.2.2 NFPV Samples

### 7.2.2.1 Entitlement Setup Request from Dealer to Bloomberg

The "response" from the dealer uses the PartyEntitlementsDefinitionRequest(35=DA) message.

This example shows enablement of a UUID where the user is entitled to EID 20504 at price tier 1 and not blocked for unseasoned securities.

**Table 43: NFPV Sample Entitlement Setup Request from Dealer to Bloomberg**

Sample 1 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments

Sample 1 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151102-130932-010	EntitlementReportID=20151102-130932-010	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		<i>Identifies the sell-side party making the request.</i>
1657=1	NoRequestingPartyIDs=1	Number of instances of requesting party included.
→ 1658=<sell-side ID> or <UUID>	RequestingPartyID=<sell-side ID> or <UUID of authorized operator at sell-side>	Dealer ID of the dealer making the request or the UUID of the authorized operator at sell-side.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the party is an executing firm, i.e. dealer
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=63722	PartyDetailID=63722	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→ <i>end &lt;PartyDetailGrp&gt;</i>		
→ <EntitlementGrp>		
→ 1773=	NoEntitlements=	Number of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=Y (Entitled/permited/allowed)	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib=1	Number of attributes specified
→→→ 1778=5036	[1] EntitlementAttribType=5036 (NFPV EID Code)	Entitlement attribute type of "NFPV EID Code"
→→→ 1779=1	[1] EntitlementAttribDatatype=1 (int)	
→→→ 1780=20504	[1] EntitlementAttribValue=20504	EID value 20504
→→→ <EntitlementSubAttribGrp>		
→→→ 22239=	NoEntitlementSubAttribs=	
→→→→ 22240=3	[1.1] EntitlementSubAttribType=3 (Price)	Price tier

Sample 1 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
	tier/level)	
→→→→22241=1	[1.1] EntitlementSubAttribDatatype=1 (int)	
→→→→22242=1	[1.1] EntitlementSubAttribValue=1	Customer assigned to Tier 1
→→→→22240=6	[1.2] EntitlementSubAttribType=6 (Block unseasoned)	Block unseasoned securities
→→→→22241=13	[1.2] EntitlementSubAttribDatatype=13 (Boolean)	
→→→→22242=N	[1.2] EntitlementSubAttribValue=N	Unseasoned securities are not blocked
→→→ end <EntitlementSubAttribGrp>		
→→ end <EntitlementAttribGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.2.2.2 Entitlement Setup Request from Dealer to block sell-side

Table 44: NFPV Sample of Dealer Blocking Sell-sides

Sample 2 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151102-130932-010	EntitlementReportID=20151102-130932-010	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		<i>Identifies the sell-side party making the request.</i>
1657=1	NoRequestingPartyIDs=1	Number of instances of requesting party included.
→ 1658=<sell-side ID> or <UUID>	RequestingPartyID=<sell-side ID> or <UUID of authorized operator at sell-side>	Dealer ID of the dealer making the request or the UUID of the authorized operator at sell-side.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the party is an executing firm, i.e. dealer
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <EntitlementGrp>		

Sample 2 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
→ 1773=	NoEntitlements=	Number of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=N (Not entitled/permitted/allowed)	Indicates that the entitlement being specified is "not allowed"
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib=1	Number of attributes specified
→→→ 1778=5036	[1] EntitlementAttribType=5036 (NFPV EID Code)	Entitlement attribute type of "NFPV EID Code"
→→→ 1779=1	[1] EntitlementAttribDatatype=1 (int)	
→→→ 1780=20504	[1] EntitlementAttribValue=20504	EID value 20504
→→> <EntitlementSubAttribGrp>		
→→→ 22239=	NoEntitlementSubAttribs=	
→→→ 22240=4	[1.1] EntitlementSubAttribType=4 (Sell-side block)	Sell-side block
→→→ 22241=13	[1.1] EntitlementSubAttribDatatype=13 (Boolean)	
→→→ 22242=Y	[1.1] EntitlementSubAttribValue=Y	
→→> end <EntitlementSubAttribGrp>		
→→ end <EntitlementAttribGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.2.2.3 Entitlement Setup Request from Dealer to block country

Table 45: NFPV Sample of Dealer blocking Country

Sample 3 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151102-130932-010	EntitlementReportID=20151102-130932-010	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		<i>Identifies the sell-side party making the request.</i>
1657=1	NoRequestingPartyIDs=1	Number of instances of requesting party included.
→ 1658=<sell-side ID> or <UUID>	RequestingPartyID=<sell-side ID> or <UUID of authorized operator at sell-side>	Dealer ID of the dealer making the request or the UUID of the authorized operator at sell-side.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme

Sample 3 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the party is an executing firm, i.e. dealer
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <EntitlementGrp>		
→ 1773=	NoEntitlements=	Number of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=N (Not entitled/permitted/allowed)	Indicates that the entitlement being specified is "not allowed"
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib=1	Number of attributes specified
→→→ 1778=5036	[1] EntitlementAttribType=5036 (NFPV EID Code)	Entitlement attribute type of "NFPV EID Code"
→→→ 1779=1	[1] EntitlementAttribDatatype=1 (int)	
→→→ 1780=20504	[1] EntitlementAttribValue=20504	EID value 20504
→→→ <EntitlementSubAttribGrp>		
→→→ 22239=	NoEntitlementSubAttribs=	
→→→→ 22240=5	[1.1] EntitlementSubAttribType=5 (Country block)	Country block
→→→→ 22241=25	[1.1] EntitlementSubAttribDatatype=25 (ISO Country code)	
→→→→ 22242=US	[1.1] EntitlementSubAttribValue=US	
→→→→ 22240=5	[1.2] EntitlementSubAttribType=5 (Country block)	Country block
→→→→ 22241=25	[1.2] EntitlementSubAttribDatatype=25 (ISO Country code)	
→→→→ 22242=GB	[1.2] EntitlementSubAttribValue=GB	
→→→ end <EntitlementSubAttribGrp>		
→→ end <EntitlementAttribGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

#### 7.2.2.4 Entitlement Setup Request with "N+" feature

The below sample took the "Dealer message to block country" to illustrate a hypothetical N+ situation. The "N" is already indicated by the EntitlementIndicator(1774) field. The "+" is indicated by the custom field EntitlementIndicatorPlus(22243)=Y where "Y" means the "+" applies (highlighted below)

**Table 46: NFPV Sample of Dealer using the "Plus" feature**

Sample 4 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151102-130932-010	EntitlementReportID=20151102-130932-010	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		<i>Identifies the sell-side party making the request.</i>
1657=1	NoRequestingPartyIDs=1	Number of instances of requesting party included.
→ 1658=<sell-side ID> or <UUID>	RequestingPartyID=<sell-side ID> or <UUID of authorized operator at sell-side>	Dealer ID of the dealer making the request or the UUID of the authorized operator at sell-side.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the party is an executing firm, i.e. dealer
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ <EntitlementGrp>		
→ 1773=	NoEntitlements=	Number of entitlements being specified
→→ 1774=N	[1] EntitlementIndicator=N (Not entitled/permitted/allowed)	Indicates that the entitlement being specified is "not allowed"
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib=1	Number of attributes specified
→→→ 1778=5036	[1] EntitlementAttribType=5036 (NFPV EID Code)	Entitlement attribute type of "NFPV EID Code"
→→→ 1779=1	[1] EntitlementAttribDatatype=1 (int)	
→→→ 1780=20504	[1] EntitlementAttribValue=20504	EID value 20504
→→→<EntitlementSubAttribGrp>		
→→→ 22239=	NoEntitlementSubAttribs=	
→→→ 22240=5	[1.1] EntitlementSubAttribType=5 (Country block)	Country block
→→→ 22241=25	[1.1] EntitlementSubAttribDatatype=25 (ISO Country code)	
→→→ 22242=US	[1.1] EntitlementSubAttribValue=US	
→→→ 22240=5	[1.2] EntitlementSubAttribType=5 (Country block)	Country block
→→→ 22241=25	[1.2] EntitlementSubAttribDatatype=25 (ISO Country code)	
→→→ 22242=GB	[1.2] EntitlementSubAttribValue=GB	

Sample 4 - Response from Dealer to Bloomberg		
FIX tag #	Field name	Comments
→→→ end <EntitlementSubAttribGrp>		
→→ end <EntitlementAttribGrp>		
→→ 22243=Y	[1] EntitlementIndicatorPlus=Y (Plus indicator applies)	Augments the EntitlementIndicator(1774) value as a "plus" value, in this example it would be an "N+".
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

## 7.3 Samples for FXGO and FXPV

Note the following requirements:

- PartyEntitlementsDefinitionRequest(35=DA) message - Maker's deal code and UUID are mandatory to be included
- PartyEntitlementsUpdateReport(35=CZ) message - Taker's deal code is mandatory while UUID is optional.

### 7.3.1 Taker request for enablement

User/Taker may request for themselves or their deal code. They may include execution method(s) and instrument(s) in scope for the enablement.

This is sent by Bloomberg to the Maker.

#### 7.3.1.1 Enablement for a trader

In this request example request of enablement for a trader "Tania", who is part of "BGTB" deal code, to trade on the Orders platform for FXSPOT and FXFWD

The screenshot shows a software interface titled 'FXGO Privileging: Counterparty Enablement'. At the top, there are tabs for 'Action', 'Enab Setup', and 'Import/Export'. Below these are buttons for 'Last Updated By A. PROGNIMAK at 18:36 11/21/2024' and 'Enabled' (which is selected). The main area is titled 'Enablement view' and shows a table with columns: Cpty, User Name, Crdt Bkt, Profile, RFQ, Trading Grid, Batch, Orders, Post, and Salesperson. One row is visible for 'BGTB' with 'TANIA MIKELLIDES' as the user name. A dropdown menu is open over the 'Trading Grid' column for this row, listing several options: '(Select all)', 'Spot', 'Outright', 'Swaps', 'Non-deliverable', 'Deposit', 'Precious metal', and 'Options'. The 'Non-deliverable' option is highlighted with a yellow background.

**Table 47: Taker requests for trader enablement**

PartyEntitlementsUpdateReport(35=CZ) Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-001	EntitlementReportID=20151101-105231-001	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		
1657=1	NoPartyDetails=1	
→ 1658=<UUID for opeator>	RequestingPartyID=UUID for operator "Tania" who is making the update request.	The UUID of the Operator/administrator authorized to make the request
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	
→ <RequestingPartySubGrp>		
→ 1661=1	NoRequestingPartySubIDs=1	
→ → 1662="Tania Mikellides"	RequestingPartySubID="Tania Mikellides"	Name of the operator identified with UUID in RequestingPartyID(1691)
→ → 1663=2	RequestingPartySubIDType=2 (Person)	Indicates the value type of RequestingPartySubID(1695) is a person's name.
→ end <RequestingPartySubGrp>		
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message. In this example it is 1 instance.
→ 1324=A	ListUpdateAction=A (Add)	First instance of enablement to request trader "Tania" be enabled for FXOrder platform trading FXSPOT and FXFWD. Add a new party and their entitlement
→ 22936=2	EntitlementIntention=Counterparty enablement	Business intent of the request
→ <PartyDetailGrp>		At least 1 party is specified.
→ 1671=1	NoPartyDetails=1	1 party is being specified in this example.
→ → 1691=<UUID>	PartyDetailID=UUID for trader "Tania Mikellides"	Here we put the UUID of the trader or firm deal code. Example uses trader UUID
→ → 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ → 1693=11	PartyDetailRole= 11 (Order origination trader)	Identifies that the party is a person/trader

PartyEntitlementsUpdateReport(35=CZ)		
Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
→→<PartyDetailSubGrp>		
→→ 1694=1	NoPartyDetailSubIDs=1	
→→→ 1695="Tania Mikellides"	PartyDetailSubID="Tania Mikellides"	Name of the trader identified with UUID in PartyDetailID(1691)
→→→ 1696=2	PartyDetailSubIDType=2 (Person)	Indicates the value type of PartyDetailSubID(1695) is a person's name.
→→ end <PartyDetailSubGrp>		
→→<RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetails=1	1 party is being specified in this example.
→→→ 1563=BGTB	RelatedPartyDetailID="BGTB" deal code	In this example this is the deal code the trader Tania is part of.
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=13	RelatedPartyDetailRole= 13 (Order origination firm)	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→<EntitlementGrp>		Identifies the entitlement being requested for enablement. Required and at least 1 instance.
→ 1773=2	NoEntitlements=2	2 instance of entitlement being requested. This example is an enablement for the trader UUID identified in PartyDetailGrp.
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party specified in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	EntitlementType=Trade	Enablement to "trade" (for this example)
→→ 1784=FXOrder	EntitlementPlatform=FXOrder	Party in PartyDetailID is requesting to be entitled to trade on specified trading platform.
→→<InstrumentScopeGrp>		Optionally the enabled instrument within the scope of the trading platform can be requested.
→→ 1656=2	NoInstrumentScopes=2	In this example, 2 instances of FX security types are to be enable for the indicated FX platform. Since InstrumentScopeSymbol(1536) is not specified in this example, then the InstrumentScopeSecurityType(1547) applies to all currency pair on the specified trading platform.
→→→ 1535=1	[1] InstrumentScopeOperator=Include	

PartyEntitlementsUpdateReport(35=CZ)		
Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
→→→ <InstrumentScope>		This example shows FX Spot, FX Forward, FX Swap, Option. Other supported values are FXNDF, FXNDS, and CASH
→→→ 1543=4	[1] InstrumentScopeProduct=Currency	
→→→ 1547=FXSPOT	[1] InstrumentScopeSecurityType=FXSPOT	Identifies that all currency products, in this case, FX spot, forwards and swaps, are to be enabled.
→→→ end <InstrumentScope>		
→→→ 1535=1	[2] InstrumentScopeOperator=Include	
→→→ <InstrumentScope>		
→→→ 1543=4	[2] InstrumentScopeProduct=Currency	
→→→ 1547=FXFWD	[2] InstrumentScopeSecurityType=FXFWD	Identifies that all currency products, in this case, FX spot, forwards and swaps, are to be enabled.
→→→ end <InstrumentScope>		
→→end <InstrumentScopeGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<RootParties>		Identifies intended receiving party.
1116=1	NoRootPartyIDs=1	
→ 1117=BGD6	RootPartyID=BGD6	Broker code of intended receiving broker.
→ 1118=D	RootPartyIDSource=Proprietary	
→ 1119=1	RootPartyRole=Executing firm	
end <RootParties>		
<StandardTrailer>		

### 7.3.1.2 Enablement for deal code

In this example the enablement request is at the deal code level, BGAU in this example

Action	Enab Setup	Import/Export						FXGO Privileging: Counterparty Enablement		
Enablement view										Both (compact)
Cpty	User Name	Crdt Bkt	Profile	RFQ	Trading Grid	Batch	Orders	Post	Salesperson	
BGAU		unlimited	Silver	2/7 Selected	2/7 Selected	Swaps:Non-del	Spot	BLOCK	LEO CARDOZO	
								AXTS		

(Select all)  
 Spot  
 Outright  
 Swaps  
 Non-deliverable  
 Deposit  
 Precious metal  
 Options

**Table 48: Taker requests for deal code enablement**

PartyEntitlementsUpdateReport(35=CZ) Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-002	EntitlementReportID=20151101-105231-002	Message identifier assigned by Bloomberg.
<RequestingPartyGrp>		
1657=1	NoPartyDetails=1	
→ 1658=<UUID for opeator>	RequestingPartyID=UUID for operator "Tania" who is making the update request.	The UUID of the Operator/administrator authorized to make request
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	
→ <RequestingPartySubGrp>		
→ 1661=1	NoRequestingPartySubIDs=1	
→→ 1662="Tania Mikellides"	RequestingPartySubID="Tania Mikellides"	Name of the operator identified with UUID in RequestingPartyID(1691)
→→ 1663=2	RequestingPartySubIDType=2 (Person)	Indicates the value type of RequestingPartySubID(1695) is a person's name.
→ end <RequestingPartySubGrp>		
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message. In this example it is 1 instance.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=2	EntitlementIntention=Counterparty engablement	Business intent of the request
→ <PartyDetailGrp>		At least 1 party is specified.
→ 1671=1	NoPartyDetails=1	1 party is being specified in this example.
→→ 1691=BGAU	PartyDetailID="BGAU" deal code	The firm deal code, BGAU in this example.
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=13	PartyDetailRole= 13 (Order origination trader)	Identifies that the party is a firm. 13 (Order origination firm) indicates the PartyDetailID(1691) is a deal code.
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		Identifies the entitlement being requested for enablement. Required

PartyEntitlementsUpdateReport(35=CZ)		
Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
		and at least 1 instance.
→ 1773=2	NoEntitlements=2	2 instance of entitlement being requested. This example is an enablement for the trader UUID identified in PartyDetailGrp.
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party specified in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	EntitlementType=Trade	Enablement to "trade" (for this example)
→→ 1784=FXStreaming	EntitlementPlatform=FXStreaming	Party in PartyDetailID is requesting to be entitled to trade on specified trading platform.
→→ <InstrumentScopeGrp>		Optionally the enabled instrument within the scope of the trading platform can be requested.
→→ 1656=2	NoInstrumentScopes=2	In this example, 2 instances of FX security types are to be enable for the indicated FX platform.  Since InstrumentScopeSymbol(1536) is not specified in this example, then the InstrumentScopeSecurityType(1547) applies to all currency pair on the specified trading platform.
→→→ 1535=1	[1] InstrumentScopeOperator=Include	
→→→ <InstrumentScope>		This example shows FX Spot, FX Forward, FX Swap, Option. Other supported values are FXNDF, FXNDS, and CASH
→→→ 1543=4	[1] InstrumentScopeProduct=Currency	
→→→ 1547=FXSPOT	[1] InstrumentScopeSecurityType=FXSPOT	Identifies that all currency products, in this case, FX spot, forwards and swaps, are to be enabled.
→→→ end <InstrumentScope>		
→→→ 1535=1	[2] InstrumentScopeOperator=Include	
→→→ <InstrumentScope>		
→→→ 1543=4	[2] InstrumentScopeProduct=Currency	
→→→ 1547=FXSWAP	[2] InstrumentScopeSecurityType=FXSWAP	Identifies that all currency products, in this case, FX spot, forwards and swaps, are to be enabled.
→→→ end <InstrumentScope>		
→→end <InstrumentScopeGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<RootParties>		Identifies intended receiving party.
1116=1	NoRootPartyIDs=1	

PartyEntitlementsUpdateReport(35=CZ)		
Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
→ 1117=BGD6	RootPartyID=BGD6	Broker code of intended receiving broker.
→ 1118=D	RootPartyIDSource=Proprietary	
→ 1119=1	RootPartyRole=Executing firm	
<i>end &lt;RootParties&gt;</i>		
<StandardTrailer>		

### 7.3.2 Maker provides client alias account mappings

Maker provides client account mappings for the on-boarded funds/accounts.

Sent by Maker to Bloomberg.

Counterparty A...	Description	PB Alias	PB Legal N...	Mapped Ac...	Blocked	Creation...	Last Up...	Last Up...
ABCD1234				FUND1		05/08/20		
ABCD1234		UBS	UBS AG	FUND1A		05/08/20		
ABCD1234		MS	MORGAN STA			05/08/20		
TESTTANIA2				FUND2		05/25/20	TANIA MI	12/29/2
TESTTANIA2		JPM	JPMorgan Ch			05/25/20		
TESTTANIA2		GS	GOLDMAN SA			05/25/20		
TESTTANIA3				FUND3		05/25/20	TANIA MI	12/29/2

Note that in this example where there are multiple mappings, each row on the UI is sent as separate instances of the PartyEntitlementUpdateGrp component.

**Table 49: Maker provides client account alias mapping**

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
		code.
→ 1658=<UUID>	RequestingPartyID=UUID of operator/administrator at BGD6	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		
1772=7	NoPartyEntitlements=7	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	[1] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[1] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[1]	
→ 1671=1	NoPartyDetails=1	
→→ 1691=ABCD1234	PartyDetailID=ABCD1234	Client account being mapped
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563=FUND1	RelatedPartyDetailID=FUND1	
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6015	RelatedPartyDetailRole=Client account mapping	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[2] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[2] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[2]	
→ 1671=1	NoPartyDetails=1	
→→ 1691=ABCD1234	PartyDetailID=ABCD1234	Example instance showing client account ABCD1234 mapped to a prime broker and the account mapping for that PB, which is in the RelatedPartyDetailGrp component.
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
→→ 1562=2	NoRelatedPartyDetailID=2	2 instance of related party
→→→ 1563="FUND1A"	RelatedPartyDetailID="FUND1A"	The account mapping associated with prime broker "UBS" for client account ABCD1234.
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6015	RelatedPartyDetailRole=Client account mapping	
→→→ 1563="UBS"	RelatedPartyDetailID=UBS	"UBS" is the prime broker
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=79	RelatedPartyDetailRole=Prime broker	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[3] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[3] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[3]	
→ 1671=1	NoPartyDetails=1	
→→ 1691=ABCD1234	PartyDetailID=ABCD1234	Example instance showing client account ABCD1234 mapped to a prime broker which is in the RelatedPartyDetailGrp component.
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563="MS"	RelatedPartyDetailID=MS	"MS" is the prime broker
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=79	RelatedPartyDetailRole=Prime broker	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[4] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[4] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[4]	
→ 1671=1	NoPartyDetails=1	
→→ 1691= TESTTANIA2	PartyDetailID=TESTTANIA2	
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563=FUND2	RelatedPartyDetailID=FUND2	
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6015	RelatedPartyDetailRole=Client account mapping	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[5] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[5] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[5]	
→ 1671=1	NoPartyDetails=1	
→→ 1691=TESTTANIA2	PartyDetailID=TESTTANIA2	Example instance showing client account TESTTANIA2 mapped to a prime broker which is in the RelatedPartyDetailGrp component.
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563="JPM"	RelatedPartyDetailID=JPM	"JPM" is the prime broker
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=79	RelatedPartyDetailRole=Prime broker	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[6] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[6] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[6]	
→ 1671=1	NoPartyDetails=1	
→→ 1691=TESTTANIA2	PartyDetailID=TESTTANIA2	Example instance showing client account TESTTANIA2 mapped to a prime broker which is in the RelatedPartyDetailGrp component.
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563="GS"	RelatedPartyDetailID=GS	"GS" is the prime broker
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary	

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
	/ Custom)	
→→→ 1565=79	RelatedPartyDetailRole=Prime broker	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1324=A	[7] ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	[7] EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>	[7]	
→ 1671=1	NoPartyDetails=1	
→→ 1691= TESTTANIA3	PartyDetailID=TESTTANIA3	
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=Client account	Identifies that the party is a client account
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563=FUND3	RelatedPartyDetailID=FUND3	
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6015	RelatedPartyDetailRole=Client account mapping	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.3.3 Maker sets trader's or deal code's spread profile

Maker updates/assigns trader's (or deal code's) spread bucket profile enablement.

Sent by Maker to Bloomberg.

Action	Enab Setup	Import/Export	FXGO Privileging: Counterparty Enablement										
Last Updated By A. PROGNIMAK at 18:40 11/21/2024										Enablement view		Both (compact)	
Cpty	User Name	Crdt Bkt	Profile	RFQ	Trading Grid	Batch	Orders	Post	Salesperson				
BGAU	TANIA MIKELLIDES	TESTCREDIT	Gold	2/7 Selected	3/7 Selected	4/7 Selected	Spot	BGD6					
BGTB		TESTCREDIT	Gold	All Selected	3/7 Selected	3/7 Selected	4/7 Selected	BGD6					

Table 50: Maker assigns trader or deal code to a spread profile

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID for operator>	RequestingPartyID=Operator UUID	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=3	EntitlementIntention=Spread bucket profile assignment	Business intent of the request
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=<UUID for trader> or →→ 1691=BGAU	PartyDetailID=trader UUID or PartyDetailID=deal code	Here we put the UUID of the trader or a deal code
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11 or →→ 1693=13	PartyDetailRole=11 (Order origination trader) or PartyDetailRole=13 (Order origination firm)	Identifies that the party is a person/trader or party is the counterparty firm
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		Identifies the entitlement being enabled.

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
→ 1773=1	NoEntitlements=1	1 instance of entitlement being requested, example is for 1 trader or deal code
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=1014	EntitlementType=Profile setting	Profile setting enablement
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib	1 instance of entitlement attribute
→→→ 1778=5062	[1] EntitlementAttribType=Profile	
→→→ 1779=14	[1] EntitlementAttribDatatype=String	
→→→ 1780=GOLD	[1] EntitlementAttribValue=GOLD	"GOLD" is sample name
→→ end <EntitlementAttribGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.3.4 Maker assigns a spread bucket for a currency in a profile

Maker assigns spread bucket per currency pair within a spread profile. A spread profile typically has multiple currency pairs under it. Note that as there is no trader or deal code involved the PartyDetailGrp component is omitted from this request.

Sent by Maker to Bloomberg.



**Table 51: Maker assigns spread bucket for a currency in a profile**

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID>	RequestingPartyID=UUID of operator	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
		code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=M	ListUpdateAction=M (Modify)	Modify an existing profile setting
→ 22936=3	EntitlementIntention=Spread bucket profile assignment	Business intent of the request
→ <EntitlementGrp>		Identifies the entitlement being enabled.
→ 1773=2	NoEntitlements=2	2 instance of entitlement being requested, example is for 1 trader or deal code
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=1014	EntitlementType=Profile setting	
→→ <EntitlementAttribGrp>		
→→ 1777=2	NoEntitlementAttrib	2 instance of entitlement attribute
→→→ 1778=5062	[1] EntitlementAttribType=Profile	
→→→ 1779=14	[1] EntitlementAttribDatatype=String	
→→→ 1780=GOLD	[1] EntitlementAttribValue=GOLD	"GOLD" is sample spread bucket name
→→→ 1778=5060	[2] EntitlementAttribType=Spread bucket name	
→→→ 1779=14	[2] EntitlementAttribDatatype=String	
→→→ 1780=GOLD	[2] EntitlementAttribValue=GOLD	"GOLD" is sample spread bucket name
→→ <i>end &lt;EntitlementAttribGrp&gt;</i>		
→→ 1784= FXStreaming	[1] EntitlementPlatform=FXStreaming	
→→ <InstrumentScopeGrp>		
→→ 1656=1	NoInstrumentScopes=1	1 instance of FX security types to enable for the indicated FX platform
→→→ 1535=1	[1] InstrumentScopeOperator=Include	
→→→ <InstrumentScope>		
→→→ 1536=EUR/USD	[1] InstrumentScopeSymbol=EUR/USD	
→→→ <i>end &lt;InstrumentScope&gt;</i>		
→ <i>end &lt;EntitlementGrp&gt;</i>		
<i>end &lt;PartyEntitlementUpdateGrp&gt;</i>		
<StandardTrailer>		

### 7.3.5 Maker provides client ID mappings

Maker maps client IDs to be used to identify clients within FIX messages - Bloomberg provides up to four IDs.

Sent by Maker to Bloomberg.

Update	Export	FXGO Privileging: Account Enablement
Identifier 1		
Identifier 2		
Identifier 3	TANIAUSER	
Identifier 4	BGTBACCT	

Table 52: Maker provides FXPV account mappings

PartyEntitlementsRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD3	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<operator UUID>	RequestingPartyID=Operator's UUID	UUID of broker/deal code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=1	EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>		

PartyEntitlementsRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
→ 1671=4	NoPartyDetails=4	4 party is being specified
→→ 1691=BGD6	[1] PartyDetailID=BGD6	Deal code
→→ 1692=D	[1] PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=13	[1] PartyDetailRole=Order origination firm	
→→ 1691=<UUID of trader>	[2] PartyDetailID=trader UUID	Trader UUID
→→ 1692=D	[2] PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	[2] PartyDetailRole=Order origination trader	
→→ 1691=TANIAUSER	[3] PartyDetailID=TANIAUSER client account	
→→ 1692=D	[3] PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	[3] PartyDetailRole=Client account	
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	[3] NoRelatedPartyDetailID=1	1 instances of related party mapping client account TANIAUSER to FXPV3
→→→ 1563=FXPV3	[3.1] RelatedPartyDetailID=FXPV3	
→→→ 1564=D	[3.1] RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6014	[3.1] RelatedPartyDetailRole=FXPV account mapping	
→→ end <RelatedPartyDetailGrp>		
→→ 1691=BGTBAcc	[4] PartyDetailID=BGTBAcc client account	
→→ 1692=D	[4] PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	[4] PartyDetailRole=Client account	
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	[4] NoRelatedPartyDetailID=1	1 instances of related party mapping client account BGTBAcc to FXPV4
→→→ 1563=FXPV4	[4.1] RelatedPartyDetailID=FXPV4	
→→→ 1564=D	[4.1] RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=6014	[4.1] RelatedPartyDetailRole=FXPV account mapping	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.3.6 Maker assigns credit bucket

Maker updates/assigns trader's (or deal code's) credit bucket enablement.

Sent by Maker to Bloomberg.

Action	Enab Setup	Import/Export	Enablement view
Last Updated By A. PROGNIMAK at 18:40 11/21/2024			
Enabled	Requested		
Cpty	User Name	Crdt Bkt	Profile
BGAU		TESTCREDIT	Gold
BGBTB	TANIA MIKELLIDES	TESTCREDIT unlimited	All Selected

Table 53: Maker assigns credit bucket

PartyEntitlementsDefinitionsRequest (35=DA) Entitlement Request Notification from Bank to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID>	RequestingPartyID=Operator's UUID	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this

PartyEntitlementsDefinitionsRequest (35=DA) Entitlement Request Notification from Bank to Bloomberg		
FIX tag #	Field name	Comments
		message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=3	EntitlementIntention=Spread bucket profile assignment	Business intent of the request
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=BGAU	PartyDetailID=BGAU deal code	Firm deal code
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=13	PartyDetailRole=13 (Order origination firm)	Identifies that the party is a firm
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		Identifies the entitlement being enabled.
→ 1773=1	NoEntitlements=1	1 instance of entitlement being requested, example is for 1 trader or deal code
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ <EntitlementAttribGrp>		
→→ 1777=1	NoEntitlementAttrib	1 instance of entitlement attribute
→→→ 1778=5061	[1] EntitlementAttribType=Credit bucket	
→→→ 1779=14	[1] EntitlementAttribDatatype=String	
→→→ 1780=TESTCREDIT	[1] EntitlementAttribValue=TESTCREDIT	Credit bucket called TESTCREDIT
→→ end <EntitlementAttribGrp>		
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.3.7 Maker assigns post-trade deal code

Maker assigns deal code to be used for post-trade actions for a given enablement.

Sent by Maker to Bloomberg.

Action	Enab Setup	Import/Export		FXGO Privileging: Counterparty								
Last Updated By A. PROGNIMAK at 18:40 11/21/2024		Enablement view		Both (compact)								
Enabled	Requested	Cpty	User Name	Crdt Bkt	Profile	RFQ	Trading Grid	Batch	Orders	Post	Sales	
		BGAU	TANIA MIKELLIDES	TESTCREDIT	Gold	2/7 Selected	3/7 Selected	4/7 Selected	Spot	BGD6		
		BGTB		TESTCREDIT	Gold	All Selected	3/7 Selected	3/7 Selected	4/7 Selected	BGEU		

**Table 54: Maker assigns post-trade deal code**

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID>	RequestingPartyID=Operator's UUID	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=2	EntitlementIntention=Counterparty enablement	Business intent of the request
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=<UUID>	PartyDetailID=UUID for trader	
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=Order origination trader	Identifies that the party is counterparty trader
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563=BGEU	RelatedPartyDetailID=BGEU	
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=13	RelatedPartyDetailRole=Order origination	

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
	firm	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ <EntitlementGrp>		
→ 1773=1	NoEntitlements=1	1 instance of entitlement being requested, example is for 1 trader or deal code
→→ 1774=Y	EntitlementIndicator=Enable, permit or entitle	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=1013	EntitlementType=Post-trade actions	Enablement to handle "post trade actions"
→ end <EntitlementGrp>		
end <PartyEntitlementUpdateGrp>		
<StandardTrailer>		

### 7.3.8 Maker assigns sales person

Maker updates/assigns trader's (or deal code's) sales person.

Sent by Maker to Bloomberg.

Action	Enab Setup	Import/Export	FXGO Privileging: Counterparty Enablement							
Last Updated By A. PROGNIMAK at 18:40 11/21/2024			Enablement view							
Enabled	Requested		Both (compact)							
Cpty	User Name	Crdt Bkt	Profile	RFQ	Trading Grid	Batch	Orders	Post	Salesperson	
BGAU		TESTCREDIT	Gold	2/7 Selected	3/7 Selected	4/7 Selected	Spot	BGD6		
BGTB	TANIA MIKELLIDES	TESTCREDIT	Gold	All Selected	3/7 Selected	3/7 Selected	4/7 Selected	BGEU	SABINA MUKANOVA	AXTS

Table 55: Maker assigns sales person

PartyEntitlementsDefinitionRequest (35=DA)		
Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.

PartyEntitlementsDefinitionRequest (35=DA) Entitlement Request Notification from Maker to Bloomberg		
FIX tag #	Field name	Comments
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID>	RequestingPartyID=Operator's UUID	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
<i>end &lt;RequestingPartyGrp&gt;</i>		
<PartyEntitlementUpdateGrp>		Identifies the Taker party that needs to be enabled and which entitlements need to be approved/enabled.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=2	EntitlementIntention=Counterparty enablement	Business intent of the request
→ <PartyDetailGrp>		
→ 1671=1	NoPartyDetails=1	1 party is being specified
→→ 1691=BGAU	PartyDetailID=BGAU deal code	
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	
→→ 1693=13	PartyDetailRole=Order origination firm	
→→ <RelatedPartyDetailGrp>		
→→ 1562=1	NoRelatedPartyDetailID=1	1 instance of related party
→→→ 1563=<sales person UUID>	RelatedPartyDetailID=UUID of sales person	
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	
→→→ 1565=117	RelatedPartyDetailRole=Sales person	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
<i>end &lt;PartyEntitlementUpdateGrp&gt;</i>		
<StandardTrailer>		

### 7.3.9 Maker enables user or deal code

Maker enables a trader (or deal code). The example below shows an enablement to "trade".

Sent by Maker to Bloomberg.

Action	Enab Setup	Import/Export		FXGO Privileging: Counterparty Enablement							
Last Updated By A. PROGNIMAK at 18:36 11/21/2024		Enablement view				Both (compact)					
Enabled	Requested	Cpty	User Name	Crdt Bkt	Profile	RFQ	Trading Grid	Batch	Orders	Post	Salesperson
BGAU		TESTCREDIT	Gold	5/7 Selected	2/7 Selected	3/7 Selected	2/7 Selected	BGD6	SABINA MUKANOVA		
BGTB	TANIA MIKELLIDES	TESTCREDIT	Gold	All Selected	3/7 Selected	3/7 Selected	4/7 Selected	BGEU	LEO CARDOZO		

Example response that corresponds to the PartyEntitlementsUpdateReport(35=CZ) that is requesting update on trader "TANIA MIKELLIDES". A response to update entitlements for a deal code will be similar as the below.

**Table 56: Maker enable user or deal code**

PartyEntitlementsDefinitionRequest(35=DA) Setup Entitlement Request from Maker to Bloomberg		
FIX tag #	Field name	Comments
<StandardHeader> 35=DA	MsgType=DA (PartyEntitlementsDefinitionRequest)	Standard header will contain all the necessary fields per the FIX standard.
1770=20151102-130932-010	EntitlementRequestID=20151102-130932-010	Message identifier assigned by Maker.
<RequestingPartyGrp>		Identifies the party at the Maker
1657=2	NoRequestingPartyIDs=2	Number of instances of requesting party included.
→ 1658=BGD6	RequestingPartyID=BGD6	Broker/deal code of the Maker making the request.
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=1	RequestingPartyRole=1 (Executing Firm)	Identifies that the value in RequestingPartyID is the broker/deal code.
→ 1658=<UUID>	RequestingPartyID=Operator's UUID	Broker code's administrator entering the enablement
→ 1659=D	RequestingPartyIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→ 1660=118	RequestingPartyRole=118 (Operator)	Identifies that the value in RequestingPartyID is the broker/deal code's administrator.
end <RequestingPartyGrp>		
<PartyEntitlementUpdateGrp>		Identifies the Taker being enabled and the entitlement details for them.
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message.
→ 1324=A	ListUpdateAction=A (Add)	Add a new party and their entitlement
→ 22936=2	EntitlementIntention=Counterparty enablement	Business intent of the request
><PartyDetailGrp>		
→ 1671=2	NoPartyDetails=2	2 party is being specified

PartyEntitlementsDefinitionRequest(35=DA)		
Setup Entitlement Request from Maker to Bloomberg		
FIX tag #	Field name	Comments
→→ 1691=BGTB	PartyDetailID=BGTB	Firm deal code Tania is a part of
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=13	PartyDetailRole=13 (Order origination firm)	Identifies that the party is a firm
→→ 1691=<UUID >	PartyDetailID=UUID for Tania	Here we put the UUID of the trader
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=11	PartyDetailRole=11 (Order origination trader)	Identifies that the party is a person/trader
→→ <RelatedPartyDetailGrp>		
→→ 1562=2	NoRelatedPartyDetails=2	2 parties is being specified in this example.
→→→ 1563=BGEU	[1] RelatedPartyDetailID="BGEU" deal code	The deal code the trader Tania has "post trade actions" entitlements for (entitlement setting is identified in EntitlementGrp)
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=13	RelatedPartyDetailRole= 13 (Order origination firm)	
→→→ 1563=<UUID>	[2] RelatedPartyDetailID=Sales person UUID	The sales person assigned to trader Tania
→→→ 1564=D	RelatedPartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→→ 1565=117	RelatedPartyDetailRole= 117 (Sales person)	
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
→ 1883=0	EntitlementStatus=Accepted	
→ <EntitlementGrp>		
→ 1773=1	NoEntitlements=1	Number of entitlements being specified
→→ 1774=Y	[1] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=0	[1] EntitlementType=0 (Trade)	Entitled to trade.
→→ 1784=FXOrder	[1] EntitlementPlatform=FXOrder	Party in PartyDetailID is requesting to be entitled on specified trading platform
→→ <InstrumentScopeGrp>		
→→ 1656=2	NoInstrumentScopes=2	2 instance of FX security types to enable for the indicated FX platform
→→→ 1535=1	[1] InstrumentScopeOperator=Include	
→→→ <InstrumentScope>		
→→→ 1543=4	[1] InstrumentScopeProduct=Currency	
→→→ 1547=FXSPOT	[1] InstrumentScopeSecurityType=FXSPOT	Identifies that all currency products, in

PartyEntitlementsDefinitionRequest(35=DA) Setup Entitlement Request from Maker to Bloomberg		
FIX tag #	Field name	Comments
		this case, FX spot, forwards and swaps, are to be enabled.
→→→ end < <i>InstrumentScope</i> >		
→→→1535=1	[2] InstrumentScopeOperator=Include	
→→→< <i>InstrumentScope</i> >		
→→→1543=4	[2] InstrumentScopeProduct=Currency	
→→→1547=FXFWD	[2] InstrumentScopeSecurityType=FXFWD	Identifies that all currency products, in this case, FX spot, forwards and swaps, are to be enabled.
→→→ end < <i>InstrumentScope</i> >		
→→end < <i>InstrumentScopeGrp</i> >		
→→ 1774=Y	[2] EntitlementIndicator=Y	Indicates that the party in PartyDetailID is requesting to be entitled/permited/allowed for the following entitlements
→→ 1775=1013	EntitlementType=Post trade action	Entitled for post-trade actions for the party identified in RelatedPartyDetailGrp above.
→→ 1774=Y	[3] EntitlementIndicator=Y	
→→ 1775=1014	EntitlementType=Profile setting	Profile setting enablement
→→ < <i>EntitlementAttribGrp</i> >		
→→ 1777=2	NoEntitlementAttrib	2 instances of entitlement attribute for "profile setting" entitlement type.
→→→ 1778=5062	[1] EntitlementAttribType=Profile	
→→→ 1779=14	EntitlementAttribDatatype=String	
→→→ 1780=GOLD	EntitlementAttribValue=GOLD	"GOLD" is sample name
→→→ 1778=5061	[2] EntitlementAttribType=Credit bucket name	
→→→ 1779=14	EntitlementAttribDatatype=String	
→→→ 1780="unlimited"	EntitlementAttribValue=unlimited	"GOLD" is sample spread bucket name
→→end < <i>EntitlementAttribGrp</i> >		
→ end < <i>EntitlementGrp</i> >		
end < <i>PartyEntitlementUpdateGrp</i> >		
<StandardTrailer>		

### 7.3.10 Taker request for an account to be mapped

User/Taker request for an account to be mapped. Sample information that would be included:

Account : ABCD1234 //alphanumeric

Account Description : ABCD HIGH YIELD FUND //alphanumeric

Account LEI : 2NLH3N52267634VG2654 //alphanumeric

Account LEI name: ABCD FUND // alphanumeric

Custodian : BANK 1 //alphanumeric  
 Prime Broker : BANK 2 //alphanumeric  
 Prime Broker LEI Name : BANK 2 //alphanumeric  
 Prime Broker LEI : 7L2WFZ1CNS38D621K86 //alphanumeric  
 US Person : No (or Yes) // boolean

Sent by Bloomberg to Maker.

**Table 57: Taker request for an account to be mapped**

PartyEntitlementsUpdateReport(35=CZ) Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
<StandardHeader> 35=CZ	MsgType=CZ (PartyEntitlementsUpdateReport)	Standard header will contain all the necessary fields per the FIX standard.
1771=20151101-105231-001	EntitlementReportID=20151101-105231-001	Message identifier assigned by Bloomberg.
<PartyEntitlementUpdateGrp>		Identifies the client account mapping
1772=1	NoPartyEntitlements=1	Specifies the number of instances of party entitlement being included in this message. In this example it is 1 instance.
→ 1324=A	ListUpdateAction=A (Add)	
→ 22936=1	EntitlementIntention=Account mapping	Business intent of the request
→ <PartyDetailGrp>		At least 1 party is specified.
→ 1671=1	NoPartyDetails=1	1 party is being specified in this example.
→→ 1691=ABCD1234	PartyDetailID=ABCD1234 client account to be mapped	
→→ 1692=D	PartyDetailIDSource=D (Proprietary / Custom)	The identifier value follows a proprietary source scheme
→→ 1693=24	PartyDetailRole=24 (Client account)	Identifies that the party is a client account.
→→ <PartyDetailSubGrp>		
→→ 1694=4	NoPartyDetailSubIDs=4	Three instances of party sub-ID information for the client account in this example.
→→→ 1695= ABCD HIGH YIELD FUND	PartyDetailSubID= ABCD HIGH YIELD FUND	
→→→ 1696=19	PartyDetailSubIDType=Fund account name	Indicates the account name of the party identified in PartyDetailID if the party is a fund account.
→→→ 1695=N   Y	PartyDetailSubID=N   Y	
→→→ 1696=48	PartyDetailSubIDType=U.S. person (Boolean)	Indicates whether the identified party in PartyDetailID is a US Person or not under US law.
→→→ 1695= 2NLH3N52267634VG2654	PartyDetailSubID=2NLH3N52267634VG2654	
→→→ 1696=84	PartyDetailSubIDType=Legal Entity	LEI of the party specified in

PartyEntitlementsUpdateReport(35=CZ) Entitlement Request Notification from Bloomberg to Maker		
FIX tag #	Field name	Comments
	Identifier (LEI)	PartyDetailID
→→→ 1695= ABCD FUND	PartyDetailSubID=ABCD FUND	
→→→ 1696=4110	PartyDetailSubIDType=Legal Entity Identifier (LEI) record name	Name associated to the LEI in the LEI record.
→→ end <PartyDetailSubGrp>		
→→ <RelatedPartyDetailGrp>		
→→ 1562=2	NoRelatedPartyDetailID=2	
→→→ 1563=BANK 1	RelatedPartyDetailID=Bank 1	
→→→ 1564=D	RelatedPartyDetailIDSource=Proprietary	
→→→ 1565=28	RelatedPartyDetailRole=Custodian	
→→→ 1563=BANK 2	RelatedPartyDetailID=Bank 2	
→→→ 1564=D	RelatedPartyDetailIDSource=Proprietary	
→→→ 1565=79	RelatedPartyDetailRole=Prime broker providing general trade services	
→→→ <RelatedPartyDetailSubGrp>		
→→→ 1566=2	NoRelatedPartyDetailSubIDs=2	2 instances of party sub-ID information for the Prime broker in this example
→→→→ 1567=BANK 2	RelatedPartyDetailSubID=Bank 2	
→→→→ 1568=5	RelatedPartyDetailSubIDType=Full legal name of firm	
→→→→ 1567=7L2WFZ1ICNS38D621K86	RelatedPartyDetailSubID=7L2WFZ1ICNS38 D621K86	
→→→→ 1568=84	RelatedPartyDetailSubIDType=Legal Entity Identifier (LEI)	
→→→ end <RelatedPartyDetailSubGrp>		
→→ end <RelatedPartyDetailGrp>		
→ end <PartyDetailGrp>		
end <PartyEntitlementUpdateGrp>		
<RootParties>		Identifies intended receiving party.
1116=1	NoRootPartyIDs=1	
→ 1117=BGD6	RootPartyID=BGD6	Broker code of intended receiving broker.
→ 1118=D	RootPartyIDSource=Proprietary	
→ 1119=1	RootPartyRole=Executing firm	
end <RootParties>		
<RootParties>		
<StandardTrailer>		

# **8 Appendix B – ENAB**

## **Entitlement Mappings**

The following table details the ENAB entitlements and how each entitlement is expressed in the FIX messages.

**Table 58: ENAB Entitlement Mappings**

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
1	Account 1	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6201 (Account 1)	ENAB allows the sell-side to configure up to 50 accounts for a given client.
2	Account 2	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6202 (Account 2)	
3	Account 3	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6203 (Account 3)	
4	Account 4	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6204 (Account 4)	
5	Account 5	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6205 (Account 5)	
6	Account 6	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6206 (Account 6)	
7	Account 7	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6207 (Account 7)	
8	Account 8	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6208 (Account 8)	
9	Account 9	RelatedPartyDetailID(1563) = <broker's acct code for client>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6209 (Account 9)	
10	Account 10	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6210 (Account 10)	
11	Account 11	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6211 (Account 11)	
12	Account 12	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6212 (Account 12)	
13	Account 13	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6213 (Account 13)	
14	Account 14	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6214 (Account 14)	
15	Account 15	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6215 (Account 15)	
16	Account 16	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6216 (Account 16)	
17	Account 17	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6217 (Account 17)	
18	Account 18	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6218 (Account 18)	
19	Account 19	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6219 (Account 19)	
20	Account 20	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6220 (Account 20)	
21	Account 21	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6221 (Account 21)	
22	Account 22	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6222 (Account 22)	
23	Account 23	RelatedPartyDetailID(1565) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6223 (Account 23)	
24	Account 24	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6224 (Account 24)	
25	Account 25	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6225 (Account 25)	
26	Account 26	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6226 (Account 26)	
26	Account 27	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code)	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		RelatedPartyDetailRole(1565) = 6227 (Account 27)	
28	Account 28	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6228 (Account 28)	
29	Account 29	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6229 (Account 29)	
30	Account 30	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6230 (Account 30)	
31	Account 31	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6231 (Account 31)	
32	Account 32	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6232 (Account 32)	
33	Account 33	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6233 (Account 33)	
34	Account 34	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6234 (Account 34)	
35	Account 35	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6235 (Account 35)	
36	Account 36	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6236 (Account 36)	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
37	Account 37	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6237 (Account 37)	
38	Account 38	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6238 (Account 38)	
39	Account 39	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6239 (Account 39)	
40	Account 40	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6240 (Account 40)	
41	Account 41	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6241 (Account 41)	
42	Account 42	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6242 (Account 42)	
43	Account 43	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6243 (Account 43)	
44	Account 44	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6244 (Account 44)	
45	Account 45	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6245 (Account 45)	
46	Account 46	RelatedPartyDetailID(1563) = <broker's acct code for client>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6246 (Account 46)	
47	Account 47	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6247 (Account 47)	
48	Account 48	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6248 (Account 48)	
49	Account 49	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6249 (Account 49)	
50	Account 50	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Customer code) RelatedPartyDetailRole(1565) = 6250 (Account 50)	
51	Allow Butterfly	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5000 (Butterfly) EntitlementAttribValue(1780) = Y   N	For Government bonds
52	Allow Cross Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5001 (Cross trading) EntitlementAttribValue(1780) = Y   N	For cash products
53	Allow Direct Orders	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5002 (Direct orders) EntitlementAttribValue(1780) = Y   N	Allow trading through DOR platform
54	Allow EFP Inquiry	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5003 (EFP Inquiry) EntitlementAttribValue(1780) = Y   N	Allow Exchange for Physical of Australian debt trading function
55	Allow EM List Execution	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5004 (EM List Execution) EntitlementAttribValue(1780) = Y   N	Allow emerging market list trading via BOLT
56	Allow List Execution	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5005 (List Execution) EntitlementAttribValue(1780) = Y   N	Allow list trading via BOLT for credit (excluding emerging market).

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
57	Allow Multidealer Price Request	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 7 (Submit quote requests) EntitlementSubType(2402) = 8 (Multi brokers)	Multi-dealer RFQ
58	Allow Outright	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5006 (Outright trading) EntitlementAttribValue(1780) = Y   N	Applicable for IRS trading only
59	Allow Price Request	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 7 (Submit quote requests) EntitlementSubType(2402) = 7 (Single broker)	Single dealer RFQ
60	Allow Priced Order	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 2 (Hit/Lift)	Hit/lift model where customer sends order within specified size/price offered
61	Allow RUNZ Execution	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 1001 (Receive executable quotes / prices) EntitlementPlatform(1784) = EURO EntitlementSubPlatform(22237) = RUNZ	Dealer's RUNZ prices become executable prices for the customer.
62	Allow Salesperson Override	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5041 (Salesperson override of submitted order) EntitlementAttribValue(1780) = Y   N	Munis only via BOLT. Allows sales person to override the client's submitted order's price/size.
63	Allow Spread Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5007 (Basis spread trading) EntitlementAttribValue(1780) = Y   N	Allow basis spread trading
64	Allow Swap/Switch	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5008 (Swap/switch) EntitlementAttribValue(1780) = Y   N	Cash products only - allow swap/switch
65	Allow Target Price Orders	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5009 (Single dealer target priced orders) EntitlementAttribValue(1780) = Y   N	Cash products only - allow clients to send RFQ with target price to single dealer
66	Allow Target Price RFQ	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 7 (Submit quote requests) EntitlementSubType(2402) = 8 (Multi broker) EntitlementAttribType(1778) = 5009 (Target priced)	Cash products only - allow clients to send RFQ with target price to multiple dealers
67	Allow U.S. Spread	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5012 (US spread trading) EntitlementAttribValue(1780) = Y   N	Allow US Corporate spread trading

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
68	Allow Zero-Sized Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5011 (Zero-quantity) EntitlementAttribValue(1780) = Y   N	Allow clients to send RFQ to dealer even if the dealer is not showing any sizes for the security
69	Application	EntitlementIndicator(1774) = Y   N EntitlementPlatform(1784) = <application code>	Application code values: AUCT CDS CMDTY CP EBND EDS EQTY EURO GOVT IDX IRS MBS MMF MUNI NEWI OILX PRFD REPO TBA
70	Assigned Country	PartyDetailID(1691) = <trader UUID   firm identifier> PartyDetailIDSource(1692) = D (Proprietary / Custom code) PartyDetailRole(1693) = 11 (Order origination trader)   13 (Order origination firm) PartyDetailSubID(1695) = <ISO country code> PartyDetailSubIDType(1696) = 38 (Country)	Applicable for MMF only.
71	Bid Ticket Superuser	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5042 (Superuser auction bid entry) EntitlementAttribValue(1780) = Y   N	For AUCT application only. Allows superusers to enter bids on behalf of other auction participants.
72	Block PostTradeDate Allocations	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5043 (Block allocation after trade date) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients from sending allocations after trade date.
73	Block All Inventory	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5051 (Block all inventory) EntitlementAttribValue(1780) = Y   N	CP only. Allows dealer to block client from trading and viewing all of the dealer's secondary offerings.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementPlatform(1784) = CP	
74	Block All Primaries	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5052 (Block all primary offerings) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = CP	CP only. Allows dealer to block client from trading and viewing all of the dealer's primary offerings.
75	Block Bilateral - All Securities	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5053 (Block all bilateral orders or RFQ) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = CDS   IRS	For CDS and IRS only. Blocks client from submitting bilateral orders/RFQ.
76	Block Bilateral Mandatory Clearing	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5012 (Block mandatory-to-clear) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = IRS   CDS	For CDS and IRS only. Blocks client from submitting bilateral orders/RFQ on mandatory cleared instruments
77	Block Non-Listed Inquiries	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5054 (Block non-listed inquiries) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = CP	CP only. Allows dealers the ability to receive sell back RFQ on BOOM from those clients that they enable this function for.
78	Block BGL Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5013 (Block BGL Trading) EntitlementAttribValue(1780) = Y   N	CDS and IRS. Allows dealer to block clients from trading on BGL - non-regulated CDS/IRS (non-SEF trading).
79	Block Unseasoned Securities	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5014 (Block Unseasoned security) EntitlementAttribValue(1780) = Y   N	Euro (cash) and government (UST) applications. Block clients from submitting a trade for non-seasoned instrument (40 days after issuance of security).
80	Block VRDN TOBS	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5055 (Block VRDN tender option bonds) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1780) = MUNI	MUNI only. Block user from trading variable rate demand note "tender option bond" on BOOM.
81	Broker	In the PartyEntitlementsUpdateReport(35=CZ) message that Bloomberg sends to the dealer: RelatedPartyDetailID(1562) = <broker code> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 1 (Executing firm)  In the PartyEntitlementsDefinitionRequest(35=DA) message that the dealer sends to Bloomberg:	Broker code will be required as this is the part of what makes up the unique identifier of an enablement record (UUID + Broker code + Application)

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		RequestingPartyID(1658) = <broker code> RequestingPartyIDSource(1659) = D (Proprietary / Custom code) RequestingPartyRole(1660) = 1 (Executing firm)	
82	Buy/Sell Back	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = BUYSELL	Repo only. Allows client to trade buy/sell backs.
83	Buy VRDNs Daily/2-Day	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) = BUY InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = DAILY	Muni only. Allows client to be able to buy Daily/2-day VRDNs
84	Buy VRDNs Monthly	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) =BUY InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = MTHLY	Muni only. Allows client to be able to buy monthly VRDNs
85	Buy VRDNs Weekly	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) = BUY InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = WKLY	Muni only. Allows client to be able to buy weekly VRDNs
86	Regulatory Type Other	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22204) = 99 (Other)	CP only. Allows client to trade/view other regulatory types on BOOM.
87	Markitwire CHF Dealer Group ID	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5029 (Markitwire Dealer Group ID) EntitlementAttribValue(1780) = <string>	IRS only. Dealer over ride of currency specific Markitwire settlement information.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribCurrency(1781) = CHF	
88	Class 1	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5028 (Class) EntitlementAttribValue(1780) = 1 EntitlementPlatform(1748) = CP	CP only. Enables users to trade dealer's Class 1 CP.
89	Class 2	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5028 (Class) EntitlementAttribValue(1780) = 2 EntitlementPlatform(1748) = CP	CP only. Enables users to trade dealer's Class 2 CP.
90	Class 3	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5028 (Class) EntitlementAttribValue(1780) = 3 EntitlementPlatform(1748) = CP	CP only. Enables users to trade dealer's Class 3 CP.
91	Class 4	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5028 (Class) EntitlementAttribValue(1780) = 4 EntitlementPlatform(1748) = CP	CP only. Enables users to trade dealer's Class 4 CP.
92	Clearing - ASX	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = ASX	Dealer is prepared to trade and clear through this CCP with this client.
93	Clearing - CME	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = CME	Dealer is prepared to trade and clear through this CCP with this client.
94	Clearing - CME Europe	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = CMECE	Dealer is prepared to trade and clear through this CCP with this client.
95	Clearing - EUREX	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = EUREX	Dealer is prepared to trade and clear through this CCP with this client.
96	Clearing - HKEX	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = HKEX	Dealer is prepared to trade and clear through this CCP with this client.
97	Clearing - ICE	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = ICE	Dealer is prepared to trade and clear through this CCP with this client.
98	Clearing - ICE Europe	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = ICEE	Dealer is prepared to trade and clear through this CCP with this client.
99	Clearing - JSCC	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse)	Dealer is prepared to trade and clear through this CCP with this client.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribValue(1780) = JSCC	CCP with this client.
100	Clearing - LCH	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = LCH	Dealer is prepared to trade and clear through this CCP with this client.
101	Clearing - LCH Swapclear US	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = LCHUS	Dealer is prepared to trade and clear through this CCP with this client.
102	Clearing - SGX	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5024 (Clearinghouse) EntitlementAttribValue(1780) = SGX	Dealer is prepared to trade and clear through this CCP with this client.
103	Convertible Long/Short Sell	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5016 (Convertible Long/Short sell strategy) EntitlementAttribValue(1780) = Y   N	Applicable for convertible bond. Enabling a client for long / shortsell strategy.
104	Corporate EUR	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1748) = LEAV InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CORP InstrumentScopeSecurityCurrency(22236) = EUR	LEAV application. Enables user to trade EUR Corporate bonds.
105	Corporate GBP	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1748) = LEAV InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CORP InstrumentScopeSecurityCurrency(22236) = GBP	LEAV application. Enables user to trade GBP Corporate bonds.
106	Corporate Other	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1748) = LEAV InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CORP InstrumentScopeSecurityCurrency(22236) = CORP	LEAV application. Enables user to trade Other Corporate bonds.
107	Corporate USD	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1748) = LEAV InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CORP InstrumentScopeSecurityCurrency(22236) = USD	LEAV application. Enables user to trade USD Corporate bonds.
108	Regulatory Type 144A	EntitlementIndicator(1774) = Y   N	CP only. Enables client to trade/view Regulatory

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPRegType(22204) = "144A"	Type 144A on BOOM.
109	Regulatory Type 3(a)2	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 3 (3(a)(2))	CP only. Enables user to trade/view Regulatory Type 3(a)2 on BOOM.
110	Regulatory Type 3(a)2 Tax Exempt	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 3 (3(a)(2)) InstrumentScopeCPRegType(22204) = "Tax Exempt"	CP only. Enables user to trade/view Regulatory Type 3(a)2 Tax Exempt on BOOM.
111	Regulatory Type 3(a)3	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 3 (3(a)(2))	CP only. Enables user to trade/view Regulatory Type 3(a)3 on BOOM.
112	Regulatory Type 3(a)3 3c7	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 4 (3(a)(3) & 3(c)(7))	CP only. Enables user to trade/view Regulatory Type 3(a)3 3c7 on BOOM.
113	Regulatory Type 3(a)3 Tax Exempt	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 1 (3(a)(3)) InstrumentScopeCPRegType(22204) = "Tax Exempt"	CP only. Enables user to trade/view Regulatory Type 3(a)3 Tax Exempt on BOOM.
114	Regulatory Type 3(a)4	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 5 (3(a)(4))	CP only. Enables user to trade/view Regulatory Type 3(a)4 on BOOM.
115	Regulatory Type 3(a)4 Tax Exempt	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 5 (3(a)(4)) InstrumentScopeCPRegType(22204) = "Tax Exempt"	CP only. Enables user to trade/view Regulatory Type 3(a)4 Tax Exempt on BOOM.
116	Regulatory Type 3(a)5	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 6 (3(a)(5))	CP only. Enables user to trade/view Regulatory Type 3(a)5 on BOOM.
117	Regulatory Type 3(a)7	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude)	CP only. Enables user to trade/view Regulatory

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 7 (3(a)(7))	Type 3(a)7 on BOOM.
118	Regulatory Type 3(a)7 144A	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 7 (3(a)(7)) InstrumentScopeCPRegType(22204) = "144A"	CP only. Enables user to trade/view Regulatory Type 3(a)7 144A on BOOM.
119	Regulatory Type 3(c)7 REG. S	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 8 (3(c)(7)) InstrumentScopeCPRegType(22204) = "Reg. S"	CP only. Enables user to trade/view Regulatory Type 3(a)7 REG.S on BOOM.
120	Regulatory Type 4(2)	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 2 (4(2))	CP only. Enables user to trade/view Regulatory Type 4(2) on BOOM.
121	Regulatory Type 4(2) 144A	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 2 (4(2)) InstrumentScopeCPRegType(22204) = "144A"	CP only. Enables user to trade/view Regulatory Type 4(2) 144A on BOOM.
123	Regulatory Type 4(2) Tax Exempt	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 2 (4(2)) InstrumentScopeCPRegType(22204) = "Tax Exempt"	CP only. Enables user to trade/view Regulatory Type 4(2) Tax Exempt on BOOM.
124	Regulatory Type All	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPPProgram(22203) = 100 (All) InstrumentScopeCPRegType(22204) = "All"	CP only. Enables user to trade/view Regulatory Type All on BOOM.
125	Regulatory Type Global	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPRegType(22204) = "Global"	CP only. Enables user to trade/view Regulatory Type Global on BOOM.
126	Regulatory Type Registered	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPRegType(22204) = "Registered"	CP only. Enables user to trade/view Regulatory Type Registered on BOOM.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
127	Regulatory Type REG. S	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPRegType(22204) = "Reg. S"	CP only. Enables user to trade/view Regulatory Type REG.S on BOOM.
128	Regulatory Type REG. S 144A	EntitlementIndicator(1774) = Y   N InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = CP InstrumentScopeCPRegType(22204) = "Reg. S 144A"	CP only. Enables user to trade/view Regulatory Type REG.S 144A on BOOM.
129	Ticker Restriction 1	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 1	CP only. Level of restriction on "Restricted ticker 1" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
130	Ticker Restriction 2	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 2	CP only. Level of restriction on "Restricted ticker 2" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
131	Ticker Restriction 3	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 3	CP only. Level of restriction on "Restricted ticker 3" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
132	Ticker Restriction 4	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 4	CP only. Level of restriction on "Restricted ticker 4" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
133	Ticker Restriction 5	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 5	CP only. Level of restriction on "Restricted ticker 5" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
134	Ticker Restriction 6	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade)	CP only. Level of restriction on "Restricted ticker 6" trading of Primary and Secondary blocked,

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 6	Secondary Only blocked, or Primary only blocked.
135	Ticker Restriction 7	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 7	CP only. Level of restriction on "Restricted ticker 7" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
136	Ticker Restriction 8	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 8	CP only. Level of restriction on "Restricted ticker 8" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
137	Ticker Restriction 9	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 9	CP only. Level of restriction on "Restricted ticker 9" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
138	Ticker Restriction 10	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 10	CP only. Level of restriction on "Restricted ticker 10" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
139	Ticker Restriction 11	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 11	CP only. Level of restriction on "Restricted ticker 11" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
140	Ticker Restriction 12	E EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 12	CP only. Level of restriction on "Restricted ticker 12" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
141	Ticker Restriction 13	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 13	CP only. Level of restriction on "Restricted ticker 13" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
142	Ticker Restriction 14	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 14	CP only. Level of restriction on "Restricted ticker 14" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
143	Ticker Restriction 15	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 15	CP only. Level of restriction on "Restricted ticker 15" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
144	Ticker Restriction 16	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 16	CP only. Level of restriction on "Restricted ticker 16" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
145	Ticker Restriction 17	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 17	CP only. Level of restriction on "Restricted ticker 17" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
146	Ticker Restriction 18	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 18	CP only. Level of restriction on "Restricted ticker 18" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
147	Ticker Restriction 19	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets)	CP only. Level of restriction on "Restricted ticker 19" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 19	
148	Ticker Restriction 20	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 20	CP only. Level of restriction on "Restricted ticker 20" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
149	Ticker Restriction 21	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 21	CP only. Level of restriction on "Restricted ticker 21" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
150	Ticker Restriction 22	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 22	CP only. Level of restriction on "Restricted ticker 22" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
151	Ticker Restriction 23	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 23	CP only. Level of restriction on "Restricted ticker 23" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
152	Ticker Restriction 24	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 24	CP only. Level of restriction on "Restricted ticker 24" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
153	Ticker Restriction 25	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) = 1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 25	CP only. Level of restriction on "Restricted ticker 25" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
154	Ticker Restriction 26	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade)	CP only. Level of restriction on "Restricted ticker 26" trading of Primary and Secondary blocked,

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 26	Secondary Only blocked, or Primary only blocked.
155	Ticker Restriction 27	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 27	CP only. Level of restriction on "Restricted ticker 27" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
156	Ticker Restriction 28	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 28	CP only. Level of restriction on "Restricted ticker 28" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
157	Ticker Restriction 29	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 29	CP only. Level of restriction on "Restricted ticker 29" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
158	Ticker Restriction 30	EntitlementIndicator(1774) = N   Y EntitlementType(1775) = 0 (trade) EntitlementSubType(2402) =1001 (Primary market)   1002 (Secondary market)   1006 (Primary and Secondary markets) EntitlementAttribType(1778) = 5034 (Ticker Restriction) EntitlementAttribValue(1780) = 30	CP only. Level of restriction on "Restricted ticker 30" trading of Primary and Secondary blocked, Secondary Only blocked, or Primary only blocked.
159	Ticker Restricted 1	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 1	CP Only. User is restricted from trading this Bloomberg ticker 1.
160	Ticker Restricted 2	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 2	CP Only. User is restricted from trading this Bloomberg ticker 2.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
161	Ticker Restricted 3	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 3	CP Only. User is restricted from trading this Bloomberg ticker 3.
162	Ticker Restricted 4	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 4	CP Only. User is restricted from trading this Bloomberg ticker 4.
163	Ticker Restricted 5	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 5	CP Only. User is restricted from trading this Bloomberg ticker 5.
164	Ticker Restricted 6	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 6	CP Only. User is restricted from trading this Bloomberg ticker 6.
165	Ticker Restricted 7	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 7	CP Only. User is restricted from trading this Bloomberg ticker 7.
166	Ticker Restricted 8	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 8	CP Only. User is restricted from trading this Bloomberg ticker 8.
167	Ticker Restricted 9	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker>	CP Only. User is restricted from trading this Bloomberg ticker 9.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 9	
168	Ticker Restricted 10	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 10	CP Only. User is restricted from trading this Bloomberg ticker 10.
169	Ticker Restricted 11	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 11	CP Only. User is restricted from trading this Bloomberg ticker 11.
170	Ticker Restricted 12	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 12	CP Only. User is restricted from trading this Bloomberg ticker 12.
171	Ticker Restricted 13	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 13	CP Only. User is restricted from trading this Bloomberg ticker 13.
172	Ticker Restricted 14	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 14	CP Only. User is restricted from trading this Bloomberg ticker 14.
173	Ticker Restricted 15	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 15	CP Only. User is restricted from trading this Bloomberg ticker 15.
174	Ticker Restricted 16	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade)	CP Only. User is restricted from trading this Bloomberg ticker 16.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 16	
175	Ticker Restricted 17	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 17	CP Only. User is restricted from trading this Bloomberg ticker 17.
176	Ticker Restricted 18	EntitlementIndicator=N EntitlementType(1775)=0 (Trade) InstrumentScopeOperator= 1 (Include)   2 (Exclude) InstrumentScopeSecurityID=<Bloomberg ticker> InstrumentScopeSecurityIDSource=A (Bloomberg symbol) InstrumentScopeID=18	CP Only. User is restricted from trading this Bloomberg ticker 18.
177	Ticker Restricted 19	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 19	CP Only. User is restricted from trading this Bloomberg ticker 19.
178	Ticker Restricted 20	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 20	CP Only. User is restricted from trading this Bloomberg ticker 20.
179	Ticker Restricted 21	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 21	CP Only. User is restricted from trading this Bloomberg ticker 21.
180	Ticker Restricted 22	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 22	CP Only. User is restricted from trading this Bloomberg ticker 22.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
181	Ticker Restricted 23	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 23	CP Only. User is restricted from trading this Bloomberg ticker 23.
182	Ticker Restricted 24	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 24	CP Only. User is restricted from trading this Bloomberg ticker 24.
183	Ticker Restricted 25	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 25	CP Only. User is restricted from trading this Bloomberg ticker 25.
184	Ticker Restricted 26	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 26	CP Only. User is restricted from trading this Bloomberg ticker 26.
185	Ticker Restricted 27	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 27	CP Only. User is restricted from trading this Bloomberg ticker 27.
186	Ticker Restricted 28	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 28	CP Only. User is restricted from trading this Bloomberg ticker 28.
187	Ticker Restricted 29	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker>	CP Only. User is restricted from trading this Bloomberg ticker 29.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 29	
188	Ticker Restricted 30	EntitlementIndicator(1774) = N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityID(1538) = <Bloomberg ticker> InstrumentScopeSecurityIDSource(1539) = A (Bloomberg symbol) InstrumentScopeID(22325) = 30	CP Only. User is restricted from trading this Bloomberg ticker 30.
189	Cross Currency	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = IRS InstrumentScopeSecuritySubType(1548) = CROSSCCY	Allow client to trade cross currency IRS.
190	Sector 1 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS1"	Dealer can create their own "sectors" sub-application pages for grouping purposes. If an IRS "sector", the dealer can choose whether client can trade customizable swaps.
191	Sector 2 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS2"	
192	Sector 3 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS3"	
193	Sector 4 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS4"	
194	Sector 5 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS5"	
195	Sector 6 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS6"	
196	Sector 7 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS7"	
197	Sector 8 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS8"	
198	Sector 9 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS9"	
199	Sector 10 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS10"	
200	Sector 11 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = CS11"	
201	Sector 12 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS12"	
202	Sector 13 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS13"	
203	Sector 14 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS14"	
204	Sector 15 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS15"	
205	Sector 16 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS16"	
206	Sector 17 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS17"	
207	Sector 18 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS18"	
208	Sector 19 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS19"	
209	Sector 20 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS20"	
210	Sector 21 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS21"	
211	Sector 22 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS22"	
212	Sector 23 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS23"	
213	Sector 24 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS24"	
214	Sector 25 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS25"	
215	Sector 26 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS26"	
216	Sector 27 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS27"	
217	Sector 28 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS28"	
218	Sector 29 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS29"	
219	Sector 30 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS30"	
220	Sector 31 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS31"	
221	Sector 32 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS32"	
222	Sector 33 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS33"	
223	Sector 34 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS34"	
224	Sector 35 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS35"	
225	Sector 36 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS36"	
226	Sector 37 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value>	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS37"	
227	Sector 38 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS38"	
228	Sector 39 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS39"	
229	Sector 40 Customizable Swap	EntitlementIndicator(1774) =Y   N EntitlementPlatform(1784) = <platform value> EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "CS40"	
230	Customizable Swaps	EntitlementAttribType(1778) =5015 (Non-standard swap) EntitlementAttribValue(1780) = Y   N	Enable client for trading of non-standard swaps. This can be set without setting any of the customizable swap sectors, but sectors cannot be set without this being set to "Y".
231	Destination	EntitlementIndicator(1774) = Y   N EntitlementType(1775) =7 (Submit quote request) EntitlementAttribType(1778) = 5022 (Route to) EntitlementAttribValue(1780) = TRADER   SALES	Repos only. Destination of where the client's Repo RFQ should be routed to, salesperson or trader.
232	Direct Clearing Member	PartyDetailID(1691) = <ID of party> PartyDetailRole(1693) = 13 (Order origination firm) PartyDetailSubID(1695) = Y   N PartyDetailSubIDType(1696) = 4019 (Direct clearing member)	For CDS and IRS. Dealer may set whether the client is a direct clearing member.
233	Markitwire EUR Dealer Group ID	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1775) = 5029 (Markitwire Dealer Group ID) EntitlementAttribValue(1780) = <string> EntitlementAttribCurrency(1781) = EUR	IRS only. Dealer over ride of currency specific Markitwire settlement information.
234	Allow Voice Execution	EntitlementIndicator(1774) = Y   N EntitlementType(1775) =0 (Trade) EntitlementSubType(2402) = 1000 (Voice)	Municipal securities only. Allows the client to use the voice execution workflow on BOLT for muni bids wanted lists.
235	Firm Price	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5044 (Receive firm prices) EntitlementAttribValue(1780) = Y   N	Applicable for all applications. Allow client see dealer prices as "firm" prices or not.
236	Futures Account 1	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom	ENAB allows the sell-side to configure up to 50 accounts for a given client. These are specific to

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6251 (Futures Account 1)	futures trading only.
237	Futures Account 2	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6252 (Futures Account 2)	
238	Futures Account 3	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6253 (Futures Account 3)	
239	Futures Account 4	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6254 (Futures Account 4)	
240	Futures Account 5	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6255 (Futures Account 5)	
241	Futures Account 6	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6256 (Futures Account 6)	
242	Futures Account 7	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6257 (Futures Account 7)	
243	Futures Account 8	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6258 (Futures Account 8)	
244	Futures Account 9	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6259 (Futures Account 9)	
245	Futures Account 10	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6260 (Futures Account 10)	
246	Futures Account 11	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6261 (Futures Account 11)	
247	Futures Account 12	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6262 (Futures Account 12)	
248	Futures Account 13	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6263 (Futures Account 13)	
249	Futures Account 14	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6264 (Futures Account 14)	
250	Futures Account 15	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6265 (Futures Account 15)	
251	Futures Account 16	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6266 (Futures Account 16)	
252	Futures Account 17	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6267 (Futures Account 17)	
253	Futures Account 18	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6268 (Futures Account 18)	
254	Futures Account 19	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6269 (Futures Account 19)	
255	Futures Account 20	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6270 (Futures Account 20)	
256	Futures Account 21	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6271 (Futures Account 21)	
257	Futures Account 22	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6272 (Futures Account 22)	
258	Futures Account 23	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6273 (Futures Account 23)	
259	Futures Account 24	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6274 (Futures Account 24)	
260	Futures Account 25	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6275 (Futures Account 25)	
261	Futures Account 26	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6276 (Futures Account 26)	
262	Futures Account 27	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6277 (Futures Account 27)	
263	Futures Account 28	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6278 (Futures Account 28)	
264	Futures Account 29	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6279 (Futures Account 29)	
265	Futures Account 30	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6280 (Futures Account 30)	
266	Futures Account 31	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6281 (Futures Account 31)	
267	Futures Account 32	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6282 (Futures Account 32)	
268	Futures Account 33	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6283 (Futures Account 33)	
269	Futures Account 34	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6284 (Futures Account 34)	
270	Futures Account 35	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6285 (Futures Account 35)	
271	Futures Account 36	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6286 (Futures Account 36)	
272	Futures Account 37	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6287 (Futures Account 37)	
273	Futures Account 38	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6288 (Futures Account 38)	
274	Futures Account 39	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6289 (Futures Account 39)	
275	Futures Account 40	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6290 (Futures Account 40)	
276	Futures Account 41	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom	

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		code) RelatedPartyDetailRole(1565) = 6291 (Futures Account 41)	
277	Futures Account 42	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6292 (Futures Account 42)	
278	Futures Account 43	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6293 (Futures Account 43)	
279	Futures Account 44	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6294 (Futures Account 44)	
280	Futures Account 45	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6295 (Futures Account 45)	
281	Futures Account 46	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6296 (Futures Account 46)	
282	Futures Account 47	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6297 (Futures Account 47)	
283	Futures Account 48	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6298 (Futures Account 48)	
284	Futures Account 49	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6299 (Futures Account 49)	
285	Futures Account 50	RelatedPartyDetailID(1563) = <broker's acct code for client> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom code) RelatedPartyDetailRole(1565) = 6300 (Futures Account 50)	
286	Markitwire GBP Dealer Group ID	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5029 (Markitwire Dealer Group)	IRS only. Dealer over ride of currency specific

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		ID) EntitlementAttribValue(1780) = <string> EntitlementAttribCurrency(1781) = GBP	Markitwire settlement information.
287	GCET	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = REPO InstrumentScopeSecuritySubType(1548) = GC	Repos only. Allow client to trade general collateral repos electronically.
288	Government EUR	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = EUSOV	LEAV application. Enables user to trade European Government bonds.
289	Government GBP	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = SOV InstrumentScopeIssuer(22201) = GB	LEAV application. Enables user to trade UK Government bonds.
290	Government JPY	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = SOV InstrumentScopeIssuer(22201) = JP	LEAV application. Enables user to trade Japanese Government bonds.
291	Government Other	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = SOV	LEAV application. Enables user to trade other Government bonds.
292	Government USD	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = TBOND	LEAV application. Enables user to trade US Treasury bonds.
293	Hold in custody	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5017 (Delivery type) EntitlementAttribValue(1780) = HOLDCUST (Hold in custody)	Repos only. This is a delivery instruction that this client's trades should be held in custody.
294	Include in AXEM Mail List	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5045 (include in AXEM list) EntitlementAttribValue(1780) = Y   N	For all applications. AXEM setting allows dealers to mail out to all clients. Indicates whether client is to be included on the dealer's AXEM mail list.
295	JGB Tax Status	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5018 (JGB Tax Status) EntitlementAttribValue(1780) = CLEANREG   DIRTYREG	This field defines whether or not the client executes their Japanese government bond trades with the dealer on a clean or dirty basis.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
296	Markitwire JPY Dealer Group ID	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5029 (Markitwire Dealer Group ID) EntitlementAttribValue(1780) = <string> EntitlementAttribCurrency(1781) = JPY	IRS only. Dealer override of currency specific Markitwire settlement information.
297	LCH Clearing Model	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5045 (Clearing Model) EntitlementAttribValue(1780) = Agency   Principal	IRS trading. Client is using agency or principal model for clearing. Determines how the trade will be sent to Markitwire for clearing.
298	Limit	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5019 (Order Type) EntitlementAttribValue(1780) = LMT (Limit order type)	LEAV application. Enables user to trade limit orders on LEAV.
299	Market	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5019 (Order Type) EntitlementAttribValue(1780) = MKT (Market order type)	LEAV application. Enables user to trade market orders on LEAV.
300	MBS	EntitlementIndicator(1774) = Y   N InstrumentScopeOpertor(1535) = 1 (Include_)   2 (Exclude) InstrumentScopeSecurityType(1547) = MBS	LEAV application. Enables user to trade mortgage backed securities.
301	MOC	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5019 (Order Type) EntitlementAttribValue(1780) = MOC (Market on Close order type)	LEAV application. Enables user to trade market on close orders on LEAV.
302	MOO	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5019 (Order Type) EntitlementAttribValue(1780) = MOO (Market on Open order type)	LEAV application. Enables user to trade market on open orders on LEAV.
303	Other (LEAV)	EntitlementIndicator(1774) = Y   N InstrumentScopeOpertor(1535) = 1 (Include_)   2 (Exclude) InstrumentScopeSecurityType(1547) = OTHER EnablementPlatform(1784) = LEAV	LEAV application. Enables user to trade other products.
304	Maximum Size	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementAttribType(1778) = 5050 (Maximum order size)	Maximum notional order size in '000 enabled. For all apps
305	Message Filter	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5020 (Salesperson notification message filter) EntitlementAttribValue(1780) = <int> (1..6)	EntitlementAttribValue(1780) takes a value from 1 to 6 only.  Sales person at the dealer who will be notified when their client is trading.
306	Minimum Order Size	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5021 (minimum order size) EntitlementAttribValue(1780) = <qty>	For Money Market only.  Minimum notional order size in '000.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
307	Modify from PICK/GDCO Concession	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5047 (Modify concession) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = MUNI	MUNI application only. This flag allows clients to modify the MUNI concession from the PICK and GDCO trading screens
308	Modify from PICK/GDCO Px/Yld	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5048 (Modify price/yield) EntitlementAttribValue(1780) = Y   N EntitlementPlatform(1784) = MUNI	MUNI application only. This flag allows clients to modify the MUNI price and yield from the PICK and GDCO trading screens
309	Monetary Variance	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5032 (Monetary Variance) EntitlementAttribValue(1780) = <percent value> EntitlementPlatform(1784) = REPO	REPO application only.
310	MUNI	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1784) = LEAV InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = MUNI	LEAV application. Enables client trade muni on LEAV.
311	Non-Inventory Trading	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) or 7 (Submit quote request) EntitlementSubType(2402) = 1005 (Non-inventory)	For all applications. Whether client can submit order/RFQ to dealer even if the dealer is not showing a price on the security
312	Open	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5023 (Termination type) EntitlementAttribValue(1780) = OPEN	REPO application only. Controls whether or not user can trade "open" tenor repo trades.
313	Overnight	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5023 (Termination type) EntitlementAttribValue(1780) = ONITE	REPO application only. Controls whether or not user can trade "overnight" tenor repo trades.
314	Pre-couponed Swaps	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = MAC	IRS application only. Whether client can trade MAC swaps
315	Price Level	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5030 (TOM Price level) EntitlementAttribValue(1780) = DFA   L1   L2   L3	For TOMS. Maps the client to a price tier in the TOMS (dealer side) platform.
316	Primary Dealer	PartyDetailID(1691) = <party ID> PartyDetailIDSource(1692) = D (Proprietary / Custom code) PartyDetailRole(1693) = 13 (order origination firm) PartyDetailSubID(1695) = Y   N PartyDetailSubIDType(1696) = 4050 (Primary dealer)	Auction application only Denotes whether the client is a primary dealer.
317	Put VRDNs Daily/2-Day	EntitlementIndicator(1774) = Y   N	Muni only. This flag is used by the dealer to permit

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) = SELL InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = DAILY	the client to "put" VRDNs on a daily/2-day basis.
318	Put VRDNs Monthly	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) = SELL InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = MTHLY	Muni only. This flag is used by the dealer to permit the client to "put" VRDNs on a monthly basis.
319	Put VRDNs Weekly	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 1 (Order entry) EntitlementAttribType(1778) = 5027 (Side) EntitlementAttribValue(1780) = SELL InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = VRND InstrumentScopeSecuritySubType(1548) = WKLY	Muni only. This flag is used by the dealer to permit the client to "put" VRDNs on a weekly basis.
320	Repo/Reverse	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1548) = RVREPO	repo app only, whether client can trade reverse repos
321	Request for Market	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementSubType(2402) = 6 (Streaming quotes) EntitlementPlatform(1784) = IRS	whether client can use the RFM workflow
322	RPOQ	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 7 (submit quote request) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType=REPO	repo only. Whether client can send an rfq for repos
323	RUNZ Firm Price	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 1009 (Receive firm price) EntitlementPlatform(1784) = RUNZ	if "y" then the client gets firm executable prices from RUNZ
324	UUID(Salesperson 1)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom)	Dealer's primary sales coverage for the client,

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		RelatedPartyDetailRole(1565) = 117 (Sales person) - for Primary only RelatedPartyDetailSubID(1567) = <sales person name> RelatedPartyDetailSubIDType(1568) = 2 (Person)	
325	UUID(Salesperson 2)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6000 (Sales person 2) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
326	UUID(Salesperson 3)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6001 (Sales person 3) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
327	UUID(Salesperson 4)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6002 (Sales person 4) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
328	UUID(Salesperson 5)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6003 (Sales person 5) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
329	UUID(Salesperson 6)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6004 (Sales person 6) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
330	UUID(Salesperson 7)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6005 (Sales person 7) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
331	UUID(Salesperson 8)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6006 (Sales person 8) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
332	UUID(Salesperson 9)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6007 (Sales person 9) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
333	UUID(Salesperson 10)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6008 (Sales person 10) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
334	UUID(Salesperson 11)	RelatedPartyDetailID(1563) = <UUID> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6009 (Sales person 11) RelatedPartyDetailSubIDType(1568) = 2 (Person)	Dealer's additional sales coverage for the client,
335	Sector Haircut Borrow 1	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S1" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
336	Sector Haircut Borrow 2	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S2" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
337	Sector Haircut Borrow 3	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S3" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
338	Sector Haircut Borrow 4	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S4" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
339	Sector Haircut Borrow 5	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S5" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
340	Sector Haircut Borrow 6	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S6" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
341	Sector Haircut Borrow 7	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S7" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
342	Sector Haircut Borrow 8	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S8" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
343	Sector Haircut Borrow 9	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S9" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
344	Sector Haircut Borrow 10	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S10" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
345	Sector Haircut Borrow 11	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S11" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
346	Sector Haircut Borrow 12	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S12" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
347	Sector Haircut Borrow 13	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S13" EntitlementSubAttribType(22240) = 1 (Haircut Borrow)	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	
348	Sector Haircut Borrow 14	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S14" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
349	Sector Haircut Borrow 15	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S15" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
350	Sector Haircut Borrow 16	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S16" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
351	Sector Haircut Borrow 17	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S17" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
352	Sector Haircut Borrow 18	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S18" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
353	Sector Haircut Borrow 19	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S19" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
354	Sector Haircut Borrow 20	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector)	Repo only. This field can be used to configure client permitted haircut when borrowing an

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribValue(1780) = "S20" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	instrument linked to sector 1
355	Sector Haircut Borrow 21	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S21" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
356	Sector Haircut Borrow 22	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S22" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
357	Sector Haircut Borrow 23	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S23" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
358	Sector Haircut Borrow 24	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S24" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
359	Sector Haircut Borrow 25	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S25" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
360	Sector Haircut Borrow 26	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S26" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
361	Sector Haircut Borrow 27	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S27" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
362	Sector Haircut Borrow 28	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S28" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
363	Sector Haircut Borrow 29	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S29" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
364	Sector Haircut Borrow 30	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S30" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
365	Sector Haircut Borrow 31	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S31" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
366	Sector Haircut Borrow 32	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S32" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
367	Sector Haircut Borrow 33	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S33" EntitlementSubAttribType(22240) = 1 (Haircut Borrow)	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	
368	Sector Haircut Borrow 34	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S34" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
369	Sector Haircut Borrow 35	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S35" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
370	Sector Haircut Borrow 36	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S36" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
371	Sector Haircut Borrow 37	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S37" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
372	Sector Haircut Borrow 38	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S38" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
373	Sector Haircut Borrow 39	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S39" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when borrowing an instrument linked to sector 1
374	Sector Haircut Borrow 40	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector)	Repo only. This field can be used to configure client permitted haircut when borrowing an

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribValue(1780) = "S40" EntitlementSubAttribType(22240) = 1 (Haircut Borrow) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	instrument linked to sector 1
375	Sector Haircut Lend 1	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S1" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
376	Sector Haircut Lend 2	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S2" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
377	Sector Haircut Lend 3	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S3" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
378	Sector Haircut Lend 4	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S4" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
379	Sector Haircut Lend 5	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S5" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
380	Sector Haircut Lend 6	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S6" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
381	Sector Haircut Lend 7	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S7" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
382	Sector Haircut Lend 8	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S8" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
383	Sector Haircut Lend 9	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S9" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
384	Sector Haircut Lend 10	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S10" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
385	Sector Haircut Lend 11	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S11" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
386	Sector Haircut Lend 12	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S12" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
387	Sector Haircut Lend 13	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S13" EntitlementSubAttribType(22240) = 2 (Haircut Lend)	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	
388	Sector Haircut Lend 14	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S14" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
389	Sector Haircut Lend 15	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S15" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
390	Sector Haircut Lend 16	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S16" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
391	Sector Haircut Lend 17	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S17" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
392	Sector Haircut Lend 18	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S18" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
393	Sector Haircut Lend 19	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S19" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
394	Sector Haircut Lend 20	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector)	Repo only. This field can be used to configure client permitted haircut when lending an

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribValue(1780) = "S20" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	instrument linked to sector 1
395	Sector Haircut Lend 21	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S21" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
396	Sector Haircut Lend 22	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S22" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
397	Sector Haircut Lend 23	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S23" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
398	Sector Haircut Lend 24	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S24" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
399	Sector Haircut Lend 25	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S25" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
400	Sector Haircut Lend 26	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S26" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
401	Sector Haircut Lend 27	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S27" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
402	Sector Haircut Lend 28	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S28" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
403	Sector Haircut Lend 29	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S29" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
404	Sector Haircut Lend 30	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S30" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
405	Sector Haircut Lend 31	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S31" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
406	Sector Haircut Lend 32	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S32" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
407	Sector Haircut Lend 33	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S33" EntitlementSubAttribType(22240) = 2 (Haircut Lend)	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	
408	Sector Haircut Lend 34	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S34" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
409	Sector Haircut Lend 35	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S35" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
410	Sector Haircut Lend 36	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S36" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
411	Sector Haircut Lend 37	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S37" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
412	Sector Haircut Lend 38	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S38" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
413	Sector Haircut Lend 39	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S39" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	Repo only. This field can be used to configure client permitted haircut when lending an instrument linked to sector 1
414	Sector Haircut Lend 40	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector)	Repo only. This field can be used to configure client permitted haircut when lending an

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribValue(1780) = "S40" EntitlementSubAttribType(22240) = 2 (Haircut Lend) EntitlementSubAttribValue(22242) = <haircut value> EntitlementPlatform(1784) = <REPO or other platform value>	instrument linked to sector 1
415	Sector 1	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S1" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
416	Sector 2	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S2" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
417	Sector 3	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S3" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
418	Sector 4	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S4" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
419	Sector 5	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S5" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
420	Sector 6	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S6" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
421	Sector 7	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S7"	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementPlatform(1784) = <platform value>	outside of the API. Allows dealer to switch client's trader on based on the sector and application.
422	Sector 8	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S8" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
423	Sector 9	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S9" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
424	Sector 10	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S10" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
425	Sector 11	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S11" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
426	Sector 12	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S12" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
427	Sector 13	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S13" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API. Allows dealer to switch client's trader on based on the sector and application.
428	Sector 14	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S14"	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementPlatform(1784) = <platform value>	Allows dealer to switch client's trader on based on the sector and application.
429	Sector 15	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S15" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
430	Sector 16	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S16" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
431	Sector 17	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S17" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
432	Sector 18	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S18" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
433	Sector 19	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S19" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
434	Sector 20	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S20" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
435	Sector 21	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S21" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
			the sector and application.
436	Sector 22	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S22" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
437	Sector 23	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S23" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
438	Sector 24	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S24" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
439	Sector 25	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S25" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
440	Sector 26	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S26" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
441	Sector 27	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S27" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
442	Sector 28	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S28" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
443	Sector 29	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S29" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
444	Sector 30	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S30" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
445	Sector 31	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S31" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
446	Sector 32	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S32" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
447	Sector 33	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S33" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
448	Sector 34	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S34" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
449	Sector 35	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S35" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
450	Sector 36	EntitlementIndicator(1774) = Y   N	Dealer's grouping of securities into "sector page" -

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
		EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S36" EntitlementPlatform(1784) = <platform value>	a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
451	Sector 37	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S37" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
452	Sector 38	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S38" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
453	Sector 39	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S39" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
454	Sector 40	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5035 (Sector) EntitlementAttribValue(1780) = "S40" EntitlementPlatform(1784) = <platform value>	Dealer's grouping of securities into "sector page" - a dealer defined attribute. Sector pages are setup outside of the API.  Allows dealer to switch client's trader on based on the sector and application.
455	Securities Lending	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5049 (Securities lending) EntitlementAttribValue(1780) = Y   N	Repo application only. Enable client to conduct a security lending transaction.
456	Send To Markitwire	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5033 (Send trades to MarkitWire) EntitlementAttribValue(1780) = Y   N	IRS only. Client's trades are to be sent to MarkitWire
457	Term	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5023 (Termination type) EntitlementAttribValue(1780) = TERM	REPO app only. Controls whether or not client can trade "term" tenor repo trades.
458	Trade from MBWD	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1784) = MUNI EntitlementSubPlatform(22237) = MBWD	Muni bids wanted. Whether client can trade that workflow.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
459	Trade from PICK	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1784) = MUNI EntitlementSubPlatform(22370) = PICK	Muni offerings page. Whether the client can trade from that page.
460	Status	EntitlementIndicator(1774) =Y   N EntitlementIndicatorReasonCode(22238) = 1 (Not enabled)   2 (Rejected)   3 (Suspended) EntitlementStatus(1883) = 0 (Accepted)   2 (Rejected)   3 (Pending)   5 (Deferred)   100 (Suspended)	Status for the UUID user. Set only at user level. EntitlementIndicatorReasonCode(22238) is only present when EntitlementIndicator(1774)="N".
461	Trader / Dept / Macro	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5026 (TOMS STP Routing) EntitlementAttribValue(1780) = TRADER   DEPT   MACRO	TOMS only. TOMS STP routing option, with values "Trader" "Dept" or "Macro"
462	Trader Value	RelatedPartyDetailID(1563) = <trader book # or name> RelatedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 6301 (TOMS Trader Book)	TOMS dealer only. Assigns a client to a TOMS book. Is a string value
463	Triparty	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) InstrumentScopeOperator(1535) = 1 (Include)   2 (Exclude) InstrumentScopeSecurityType(1547) = REPO InstrumentScopeSecuritySubType(1548) = TRIPY	Repo application. Whether client can trade tri-party repos
464	Truly Firm	EntitlementIndicator(1774) = Y   N EntitlementType(1775) = 0 (Trade) EntitlementPlatform(1784) = IRS   CDS EntitlementSubPlatform(22237) = TRULY (Truly Firm workflow)	IRS / CDS only. Whether client can trade on Truly Firm
465	TS Salesperson Name	RelatedPartyDetailID(1563) = <TS salesperson name> ReltedPartyDetailIDSource(1564) = D (Proprietary / Custom) RelatedPartyDetailRole(1565) = 1013 (TOMS Sales person)	TOMS sales person assigned to client - TOMS dealers use only
466	Update Settlement Date	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5025 (Non-standard settlement) EntitlementAttribValue(1780) = Y   N	Applicable to all applications. Whether client can specify non-standard settlement for their order/trade.
467	Markitwire USD Dealer Group ID	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5029 (Markitwire Dealer Group ID) EntitlementAttribValue(1780) = <string> EntitlementAttribCurrency(1781) = USD	IRS only. Dealer over ride of currency specific Markitwire settlement information.
468	Variance	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5031(Percent Variance) EntitlementAttribValue(1780) = <percent value> EntitlementPlatform(1784) = REPO	Repo app only. Percentage by which user is able to vary size on a repo trade away from offered size.

#	ENAB Entitlement Name	Mapping to FIX	Mapping comments
469	Block MTF trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5039 (Block MTF Trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients from trading on MTF platform.
470	Block ETP trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5040 (Block ETP Trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients from trading on ETP platform.
471	Block Bilateral BSEF Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5056 (Block Bilateral BSEF Trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients for bilateral trading on BSEF (transactions under Dodd-Frank).
472	Block Bilateral BTFE Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5057 (Block Bilateral BTFE Trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients for bilateral trading on BTFE (transactions under EU EMIR).
473	Block Bilateral BMTF Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5058 (Block Bilateral BMTF Trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients for bilateral trading on BMTF (transactions under UK FCA).
474	Block Off Venue Trading	EntitlementIndicator(1774) = Y   N EntitlementAttribType(1778) = 5059 (Block off venue trading) EntitlementAttribValue(1780) = Y   N	Allows dealer to block clients for off-venue (BTBS and BTBU) trading.

# **9 Appendix C – FIX Data Types**

The following table details the standard FIX Data Type definitions used by the standard. This is provided here for convenience as the FIX Message Tables references the standard data types. Any user defined field (a.k.a. custom fields) will also use standard FIX data types as indicated in the message table where the user defined field is used.

When an enumerated field requires clarity of the data type of the correspond value field (e.g. PartySubIDType and PartySubID) for a given enumeration, the standard FIX data type will also be used and indicated in the elaboration for the enumeration.

This table is extracted from the FIX Protocol standard data dictionary.

**Table 59: FIX Data Type Descriptions**

Type Name	Base Type	Description
int		<p>Sequence of digits without commas or decimals and optional sign character (ASCII characters "-" and "0" - "9"). The sign character utilizes one byte (i.e. positive int is "99999" while negative int is "-99999"). Note that int values may contain leading zeros (e.g. "00023" = "23").</p> <p>Examples:</p> <p>723 in field 21 would be mapped int as  21=723 .</p> <p>-723 in field 12 would be mapped int as  12=-723 </p> <p>The following data types are based on int.</p>
Length	int	int field representing the length in bytes. Value must be positive.
TagNum	int	int field representing a field's tag number when using FIX "Tag=Value" syntax. Value must be positive and may not contain leading zeros.
SeqNum	int	int field representing a message sequence number. Value must be positive.
NumInGroup	int	int field representing the number of entries in a repeating group. Value must be positive.
DayOfMonth	int	int field representing a day during a particular month (values 1 to 31).
float		<p>Sequence of digits with optional decimal point and sign character (ASCII characters "-", "0" - "9" and "."); the absence of the decimal point within the string will be interpreted as the float representation of an integer value. All float fields must accommodate up to fifteen significant digits. The number of decimal places used should be a factor of business/market needs and mutual agreement between counterparties. Note that float values may contain leading zeros (e.g. "00023.23" = "23.23") and may contain or omit trailing zeros after the decimal point (e.g. "23.0" = "23.0000" = "23" = "23.").</p> <p>Note that fields which are derived from float may contain negative values unless explicitly specified otherwise. The following data types are based on float.</p>
Qty	float	float field capable of storing either a whole number (no decimal places) of "shares" (securities denominated in whole units) or a decimal value containing decimal places for non-share quantity asset classes (securities denominated in fractional units).
Price	float	float field representing a price. Note the number of decimal places may vary. For certain asset classes prices may be negative values. For example, prices for options strategies can be negative under certain market conditions. Refer to Volume 7: FIX Usage by Product for asset classes that support negative price values.
		Example(s): Strk="47.50"
PriceOffset	float	float field representing a price offset, which can be mathematically added to a "Price". Note the number of decimal places may vary and some fields such as LastForwardPoints may be

Type Name	Base Type	Description
		negative.
Amt	float	<p>Float field typically representing a Price times a Qty</p> <p>Example(s): Amt="6847.00"</p>
Percentage	float	Float field representing a percentage (e.g. 0.05 represents 5% and 0.9525 represents 95.25%). Note the number of decimal places may vary.
char		<p>Single character value, can include any alphanumeric character or punctuation except the delimiter. All char fields are case sensitive (i.e. m != M).</p> <p>The following fields are based on char.</p>
Boolean	char	<p>char field containing one of two values:</p> <p>'Y' = True/Yes 'N' = False/No</p>
String		Alpha-numeric free format string can include any character or punctuation except the delimiter. All String fields are case sensitive (i.e. morstatt != Morstatt).
MultipleCharValue	String	String field containing one or more space delimited single character values (e.g.  18=2 A F  ).
MultipleStringValue	String	String field containing one or more space delimited multiple character values (e.g.  277=AV AN A  ).
Country	String	String field representing a country using ISO 3166 Country code (2-character) values.
Currency	String	<p>String field representing a currency type using ISO 4217 Currency code (3-character) values.</p> <p>Example(s): StrkCcy="USD"</p>
Exchange	String	String field representing a market or exchange using ISO 10383 Market Identifier Code (MIC) values.
MonthYear	String	<p>String field representing month of a year. An optional day of the month can be appended or an optional week code.</p> <p>Valid formats: YYYYMM YYYYMMDD YYYYMMWW</p> <p>Valid values: YYYY = 0000-9999 MM = 01-12 DD = 01-31 WW = w1, w2, w3, w4, w5.</p> <p>Example(s): MonthYear="200303" MonthYear="20030320" MonthYear="200303w2"</p>
UTCTimestamp	String	String field representing time/date combination represented in UTC (Universal Time Coordinated, also known as "GMT") in either YYYYMMDD-HH:MM:SS (whole seconds) or YYYYMMDD-HH:MM:SS.sss* format, colons, dash, and period required.

Type Name	Base Type	Description
		<p>Valid values:</p> <p>YYYY = 0000-9999      MM = 01-12      DD = 01-31      HH = 00-23      MM = 00-59      SS = 00-60 (60 only if UTC leap second)      sss* = fractions of seconds.</p> <p>The fractions of seconds may be empty when no fractions of seconds are conveyed (in such a case the period is not conveyed), it may include 3 digits to convey milliseconds, 6 digits to convey microseconds, 9 digits to convey nanoseconds, 12 digits to convey picoseconds; Other number of digits may be used with bilateral agreement.</p> <p>Leap Seconds: Note that UTC includes corrections for leap seconds, which are inserted to account for slowing of the rotation of the earth. Leap second insertion is declared by the International Earth Rotation Service (IERS) and has, since 1972, only occurred on the night of Dec. 31 or Jun 30. The IERS considers March 31 and September 30 as secondary dates for leap second insertion, but has never utilized these dates. During a leap second insertion, a UTCTimestamp field may read "19981231-23:59:59", "19981231-23:59:60", "19990101-00:00:00". (see <a href="http://tycho.usno.navy.mil/leapsec.html">http://tycho.usno.navy.mil/leapsec.html</a>)</p> <p>Example(s):</p> <ul style="list-style-type: none"> <li>TransactTime(60)="20011217-09:30:47" seconds</li> <li>TransactTime(60)="20011217-09:30:47.123" milliseconds</li> <li>TransactTime(60)="20011217-09:30:47.123456" microseconds</li> <li>TransactTime(60)="20011217-09:30:47.123456789" nanoseconds</li> <li>TransactTime(60)="20011217-09:30:47.123456789123" picoseconds</li> </ul>
UTCTimeOnly	String	<p>String field representing time-only represented in UTC (Universal Time Coordinated, also known as "GMT") in either HH:MM:SS (whole seconds) or HH:MM:SS.sss* format, colons, and period required. This special-purpose field is paired with UTCDateOnly to form a proper UTCTimestamp for bandwidth-sensitive messages.</p> <p>Valid values:</p> <p>HH = 00-23      MM = 00-59      SS = 00-60 (60 only if UTC leap second)      sss* = fraction of seconds.</p> <p>The fractions of seconds may be empty when no fractions of seconds are conveyed (in such a case the period is not conveyed), it may include 3 digits to convey milliseconds, 6 digits to convey microseconds, 9 digits to convey nanoseconds, 12 digits to convey picoseconds; Other number of digits may be used with bilateral agreement.</p> <p>Example(s):</p> <ul style="list-style-type: none"> <li>MDEntryTime(273)="13:20:00" seconds</li> <li>MDEntryTime(273)="13:20:00.123"milliseconds</li> <li>MDEntryTime(273)="13:20:00.123456" microseconds</li> <li>MDEntryTime(273)="13:20:00.123456789" nanoseconds</li> <li>MDEntryTime(273)="13:20:00.123456789123" picoseconds</li> </ul>
UTCDateOnly	String	String field representing date-only represented in UTC (Universal Time Coordinated, also known as "GMT") in YYYYMMDD format. This special-purpose field is paired with

Type Name	Base Type	Description
		<p>UTCTimeOnly to form a proper UTCTimestamp for bandwidth-sensitive messages.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>YYYY = 0000-9999</li> <li>MM = 01-12</li> <li>DD = 01-31.</li> </ul> <p>Example(s):</p> <p>MDEntryDate="20030910"</p>
LocalMktDate	String	<p>String field representing a Date of Local Market (as opposed to UTC) in YYYYMMDD format. This is the "normal" date field used by the FIX Protocol.</p> <p>Valid values:</p> <ul style="list-style-type: none"> <li>YYYY = 0000-9999</li> <li>MM = 01-12</li> <li>DD = 01-31.</li> </ul> <p>Example(s):</p> <p>BizDate="2003-09-10"</p>
TZTimeOnly	String	<p>String field representing the time represented based on ISO 8601. This is the time with a UTC offset to allow identification of local time and timezone of that time.</p> <p>Format is HH:MM[:SS] [Z  [+ -hh[:mm]]] where</p> <ul style="list-style-type: none"> <li>HH = 00-23 hours</li> <li>MM = 00-59 minutes</li> <li>SS = 00-59 seconds</li> <li>hh = 01-12 offset hours</li> <li>mm = 00-59 offset minutes.</li> </ul> <p>Example: 07:39Z is 07:39 UTC</p> <p>Example: 02:39-05 is five hours behind UTC, thus Eastern Time</p> <p>Example: 15:39+08 is eight hours ahead of UTC, Hong Kong/Singapore time</p> <p>Example: 13:09+05:30 is 5.5 hours ahead of UTC, India time</p>
TZTimestamp	String	<p>String field representing a time/date combination representing local time with an offset to UTC to allow identification of local time and timezone offset of that time. The representation is based on ISO 8601.</p> <p>Format is YYYYMMDD-HH:MM:SS.sss* [Z  [+ -hh[:mm]]] where</p> <ul style="list-style-type: none"> <li>YYYY = 0000 to 9999</li> <li>MM = 01-12</li> <li>DD = 01-31</li> <li>HH = 00-23 hours</li> <li>MM = 00-59 minutes</li> <li>SS = 00-59 seconds</li> <li>hh = 01-12 offset hours</li> <li>mm = 00-59 offset minutes</li> <li>sss* = fraction of seconds</li> </ul> <p>Example: 20060901-07:39Z is 07:39 UTC on 1st of September 2006</p>

Type Name	Base Type	Description
		<p>Example: 20060901-02:39-05 is five hours behind UTC, thus Eastern Time on 1st of September 2006</p> <p>Example: 20060901-15:39+08 is eight hours ahead of UTC, Hong Kong/Singapore time on 1st of September 2006</p> <p>Example: 20060901-13:09+05:30 is 5.5 hours ahead of UTC, India time on 1st of September 2006</p> <p>Using decimal seconds:</p> <ul style="list-style-type: none"> <li>"20060901-13:09.123+05:30" milliseconds</li> <li>"20060901-13:09.123456+05:30" microseconds</li> <li>"20060901-13:09.123456789+05:30" nanoseconds</li> <li>"20060901-13:09.123456789123+05:30" picoseconds</li> <li>"20060901-13:09.123456789Z" nanoseconds UTC timezone</li> </ul>
data	String	<p>String field containing raw data with no format or content restrictions. Data fields are always immediately preceded by a length field. The length field should specify the number of bytes of the value of the data field (up to but not including the terminating SOH).</p> <p>Caution: the value of one of these fields may contain the delimiter (SOH) character. Note that the value specified for this field should be followed by the delimiter (SOH) character as all fields are terminated with an "SOH".</p>
Pattern		Used to build on and provide some restrictions on what is allowed as valid values in fields that uses a base FIX data type and a pattern data type. The universe of allowable valid values for the field would then be the union of the base set of valid values and what is defined by the pattern data type. The pattern data type used by the field will retain its base FIX data type (e.g. String, int, char).
Tenor	Pattern	<p>Used to allow the expression of FX standard tenors in addition to the base valid enumerations defined for the field that uses this pattern data type. This pattern data type is defined as follows:</p> <p>Dx = tenor expression for "days", e.g. "D5", where "x" is any integer &gt; 0  Mx = tenor expression for "months", e.g. "M3", where "x" is any integer &gt; 0  Wx = tenor expression for "weeks", e.g. "W13", where "x" is any integer &gt; 0  Yx = tenor expression for "years", e.g. "Y1", where "x" is any integer &gt; 0</p>
Reserved100Plus	Pattern	Values "100" and above are reserved for bilaterally agreed upon user defined enumerations.
Reserved1000Plus	Pattern	Values "1000" and above are reserved for bilaterally agreed upon user defined enumerations.
Reserved4000Plus	Pattern	Values "4000" and above are reserved for bilaterally agreed upon user defined enumerations.
XMLData	String	Contains an XML document raw data with no format or content restrictions. XMLData fields are always immediately preceded by a length field. The length field should specify the number of bytes of the value of the data field (up to but not including the terminating SOH).
Language	String	<p>Identifier for a national language - uses ISO 639-1 standard</p> <p>Example(s):  en = English)  es = Spanish)</p>
LocalMktTime	String	<p>String field representing the time local to a particular market center. Used where offset to UTC varies throughout the year and the defining market center is identified in a corresponding field.</p> <p>Format is HH:MM:SS where  HH = 00-23 hours</p>

Type Name	Base Type	Description
		<p>MM = 00-59 minutes SS = 00-59 seconds In general only the hour token is non-zero.</p> <p>Example(s): Example: 07:00:00</p>
XID	String	The purpose of the XID datatype is to define a unique identifier that is global to a FIX message. An identifier defined using this datatype uniquely identifies its containing element, whatever its type and name is. The constraint added by this datatype is that the values of all the fields that have an ID datatype in a FIX message must be unique.
XIDREF	String	The XIDREF datatype defines a reference to an identifier defined by the XID datatype.

# Document History

Revision	Date	Editor	Revision Comments
0.1	Aug. 11, 2014	Brook Path Partners, Inc., for Bloomberg L.P.	Initial version.
0.2	Sept. 1, 2014	Brook Path Partners, Inc., for Bloomberg L.P.	Updated based on feedback and added diagrams.
0.3	Sept. 11, 2014	Brook Path Partners, Inc., for Bloomberg L.P.	Updated based on feedback from Bloomberg.
0.4	March 9, 2015	Brook Path Partners, Inc., for Bloomberg L.P.	Fully revised to be FICC applicable to support FIT-ENFI, NFPV (Contributions) and FX.
0.5	March 23, 2015 March 26, 2015 April 23, 2015 May 27, 2015	Brook Path Partners, Inc., for Bloomberg L.P.	Updated based on feedback and additional information from FIT and NFPV. Removed subscription request for entitlement information - not currently supported
0.6	October 5, 2015 October 26, 2015 October 31, 2015 November 14, 2015 November 20, 2015 November 25, 2015 December 8, 2015 December 11, 2015	Brook Path Partners, Inc., for Bloomberg L.P.	Updated with complete mapping to ENAB and ENFI data requirements. Additional updates based on additional feedback. Pruned back fields and components that are not needed by initial implementation of spec by ENAB/ENFI. Additional updates to move "sectors" and "ticker restrictions" into the EntitlementAttribGrp. Clarified the mapping of ENAB/ENFI's "status" concept and mapped to EntitlementIndicator(1774) plus EntitlementIndicatorReasonCode(22238) Merge and removed previous version's Section 3 "Business Workflows" into the FIX Message Flows section. Removed previous version's sections on StreamAssignment messages. Added BusinessMessageReject(35=j). Moved clearing entitlements into EntitlementGrp as Bloomberg doesn't have the concept of party relationships. Remove PartyRelationshipGrp as a result. Clarified that PartyEntitlementsUpdateReport(35=CZ) will only support "add" notifications. Added to PartyEntitlementsUpdateReport(35=CZ) the ability to indicate Bloomberg market sector and subsectors in the "add" notifications. Updated the RequestingPartyRole(1660) supported values. Clarified that only one party can be specified in the PartyEntitlementsDefinitionRequest(35=DA). Removed unsupported party ID source value for LEI. Removed unsupported EntitlementStartDate(1782) and EntitlementEndDate(1783).

<b>Revision</b>	<b>Date</b>	<b>Editor</b>	<b>Revision Comments</b>
0.7	January 4, 2016 January 14, 2016  January 30, 2016	Brook Path Partners, Inc., for Bloomberg L.P.	Updated to support NFPV and ERQS requirements. Additional modification after feedback. Added the EntitlementIndicatorPlus(22243) and moved certain NFPV attributes to the sub-attributes as they are set only in relation to the EID. Added sample messages.
1.0	April 5, 2016	Brook Path Partners, Inc., for Bloomberg L.P.	Added EntitlementStatus(1883) to PartyEntitlementsDefinitionRequest(35=DA) to allow sell-side to convey a "defer" on setting up the entitlement. Added enum value "1" (int) to EntitlementSubAttribDatatype(22241).
1.1	May 9, 2016  July 15, 2016	Brook Path Partners, Inc., for Bloomberg L.P.	Updated Section 4.1.1 and corresponding flow diagram regarding timing of response required from the sell-side. Updated Section 4.1.1 diagram to remove the need to use EntitlementGrp in a "deferral" case; and updated verbiage regarding "resend" case. In PartyEntitlementsDefinitionRequest(35=DA) updated usage text for RequestingPartyRole(1660) that both "executing firm" and "operator" roles are required for ENFI. PartyEntitlementsDefintionRequestAck(35=DB) now does not require EntitlementGrp component in the case of EntitlementStatus(1883)=2 (Rejected). Added to EntitlementAttribType(1778) new enum values 5039 (MTF trading) and 5040 (ETP trading); and clarified usage for these values and for 5013 (BGL trading). Updated message block diagram in Section 5.2.
1.2	October 8, 2016	Brook Path Partners, Inc., for Bloomberg L.P.	Updated with additional changes based on further review of PartyEntitlementsDefinitionRequest(35=DA). Synced up PartyEntitlementsDefinitionRequestAck(35=DB) with changes made to PartyEntitlementsDefinitionRequest(35=DA), where needed.
1.3	December 1, 2016 January 4, 2017	Brook Path Partners, Inc., for Bloomberg L.P.	Updated Section 4.1.1 with additional minor clarification on ENAB's support for outgoing requests to dealers who hasn't responded to outstanding requests. Clarified Section 4.1.3 that for ENAB individual entitlements can't be deleted, and the deletion is "all or nothing". Added InstrumentScopeSecurityID(1538) and SecurityIDSource(1539). Added sales person roles to RelatedPartyDetailRole(1565). Moved Appendix B - FIX Data Types to be Appendix C, and added new Appendix B for ENAB mapping to FIX.
1.4	May 12, 2017	Brook Path Partners, Inc., for Bloomberg L.P.	Removed supported values constraints from InstrumentScopeProductComplex(1544) and InstrumentScopeSecurityGroup(1545) Updated RequestingParties component to support 2 instances and clarified the usage of the RequestingPartyRole(1660) values Added EntitlementType(1775)=1012 (View) Updated Appendix C - FIX Data Types to include updated standard FIX definitions for UTCTimestamp, UTCTimeOnly

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			and TZTimestamp data types.
1.5	May 7, 2020	Brook Path Partners, Inc., for Bloomberg L.P.	<p>Added support for LEI as a party identifier source.</p> <p>Added support to identify the Sales person as a party role.</p> <p>Updated sample in section 7.1.1.1 to include use of LEI and sales person.</p>
1.6	June 29, 2022  August 26, 2022  October 5, 2022	Brook Path Partners, Inc., for Bloomberg L.P.	<p>Clarified EntitlementStatus(1883) enumerations' equivalence in ENFI trade status.</p> <p>Corrected tag number typo for EntitlementType from 1175 to 1775 in sample messages and mapping tables.</p> <p>Removed the exception of EntitlementStatus(1883)=5 (Deferred) from the conditional requirement of EntitlementGrp in PartyEntitlementsDefinitionRequest(35=DA) message.</p> <p>Added PartyDetailSubIDType(1696)=31 (Location) and 4103 (Bloomberg Industry Code) in PartyDetailSubGrp_UpdateReport. Added appendix 'Bloomberg Industry Codes' for valid values of PartyDetailSubID(1695). Added EntitlementAttribType(1778)=5056 (Block Bilateral BSEF Trading), 5057 (Block Bilateral BTFE Trading), 5058 (Block Bilateral BTFE Trading), and 5059 (Block off venue trading), also updated Appendix ENAB Entitlement Mappings section for the same. Added LastUpdatedTime(779) and LastUpdatedBy(22870) in PartyEntitlementsDefinitionRequestAck(35=DB) message.</p>
1.7	July 30, 2023	Brook Path Partners, Inc., for Bloomberg L.P.	Enhanced to support FXGO/FXPV onboarding.
1.7.1	June 10, 2024  July 24, 2024  September 28, 2024  October 23, 2024  December 17, 2024	Brook Path Partners, Inc., for Bloomberg L.P.	<p>Added components RequestingPartyGrp_UpdateReport and RequestingPartySubGrp</p> <p>Renamed RequestingPartyGrp to RequestingPartyGrp_DefinitionRequest</p> <p>Added 19 (Fund account name), 48 (US Person), 84 (Legal Entity Identifier) to PartyDetailsSubIDType(1696)</p> <p>Added 13 (Order origination firm), 28 (Custodian), 79 (Prime broker) to RelatedPartyDetailRole(1565)</p> <p>Added 5 (Full legal name of firm), 84 (Legal Entity Identifier) to RelatedPartyDetailSubIDType(1568)</p> <p>Added sample messages for FXGO/FXPV.</p> <p>Added FXPV value to OnBehalfOfComplID(115) and DeliverToComplID(128).</p> <p>Added FXPV specific usage guidelines for PartyEntitlementsDefinitionRequest(35=DA).</p> <p>Added EntitlementRequestStatus (1882)=100 (Partially accepted) for FXPV use.</p> <p>Added EntitlementIntention(22936) and RootParties component to PartyEntitlementsUpdateReport(35=CZ) message.</p> <p>Updated FXGO/FXPV FIX message samples to include RootParties in PartyEntitlementsUpdateReport(35=CZ) sample messages.</p> <p>Additional editorial changes to samples for FX for clarity</p>

Revision	Date	Editor	Revision Comments
	January 12, 2025		including updating screenshots. Updated screenshots associated with samples. Added 4110 (LEI record name) to PartySubIDType.