

Ovation Platform – DDS On Demand Positions Guide

OCC

**THE FOUNDATION
FOR SECURE
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Ovation Platform – DDS On Demand Positions Guide

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Overview

About This Document

This *OCC Ovation Platform – On Demand Positions Guide* allows clearing members to request and receive batch DDS positions files on demand to aid in reconciliation and expiration processing. Clearing members can initiate requests in two ways:

- Manually through the Ovation user interface. Requests can be scheduled online to execute immediately or daily at a specific time. Refer to the Ovation online Help for more information.
- Sending a request message.

In response to an On Demand Positions Request, the DDS application generates a file containing the current positions data meeting the request criteria and transmits it to the clearing member's target destination. The DDS file also includes an acknowledgement message that summarizes the query results.

This guide includes the message layouts for the request file that clearing members send to OCC, the request acknowledgement message, and on demand position file that OCC sends to clearing members.

DDS Positions Output

The OCC Data Distribution Services (DDS) system transmits messages using the FIXML (Financial Information eXchange Markup Language) data formatting standard. Refer to the *Ovation Platform – DDS Output Overview Guide* for more information about the DDS system including product multipliers and CFI codes. The guide is available on the Theocc.com website.

For assistance, please contact your Member Services representative or the OCC Help Desk at one of the following:

- 800-621-6072 or 800-544-6091 (U.S.)
- 800-424-7320 (Canada)
- memberservices@theocc.com

What's New With the Ovation Platform?

The Request for Positions, Request for Positions Acknowledgement and On Demand Positions messages are not changing in the Ovation platform compared to the ENCORE system. The below table lists global changes for output.

Message	Change	Description
Output messages	Order of tags within a message	The ordering of tags within a message may be different in the Ovation platform. Firms should use a standard XML parser and not expect a file to be parsed with a specific order
	Timestamp offset implemented	In the Ovation platform, transaction times display in Coordinated Universal Time (UTC) with no offset. In the ENCORE system, the Request for Position Acknowledgement message has an offset of 6 hours.

Messages

The following On Demand Position messages are defined in this guide:

- Request for Positions – Request message that a clearing member sends to OCC. It allows the sender to specify certain criteria, such as account type and instrument.
- Request for Positions Acknowledgement – Message sent by OCC to a clearing member, acknowledging the request was received. The request status, criteria provided and number of positions to be returned are included in the acknowledgement.
- On Demand Position Report – Position messages sent by OCC to a clearing member to satisfy a clearing member request.

Layout Formatting

The layout tables in this document use arrows to indicate component block levels.

Message Layout Legend – Component Block Level Examples	
→ Pty	One arrow precedes a component block that is one level down.
→ → Sub	Two arrows precede a component block that is two levels down.

Implementation Considerations

Rejected On Demand Positions Requests

On Demand Positions Requests can reject for the following reasons:

- The Ovation system state is closed.
- Requestor is not authorized to request positions for a specified clearing member number.
- Required fields were not supplied.

On Demand Position Requests submitted via FIXML that are rejected result in a DDS file containing only the Request for Position Acknowledgement message. Additionally, a valid request for an account with no positions also returns the Request for Position Acknowledgement message.

Position Requests

FIX Message CM to OCC	Request for Positions
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Overview

Clearing members can submit the Request for Positions message to generate a file of DDS messages listing their current positions.

The request can include all positions within the Clearing Membership, specific account types, and a specific expiration date. If the account type is not specified in the message, the positions for all account types are included in the file. Likewise, if a specific expiration date is not included, positions for all expiration dates are included in the file. Finally, if no individual symbols are specified, all positions meeting the other criteria are returned. In addition, clearing members with multiple clearing numbers can request multiple clearing members within a message by repeating the party blocks.

Requests can be submitted via batch or real time.

Request for Positions

Request for Positions						
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample	Required
ReqForPoss						
	BizDt	Clearing business date <YYYY-MM-DD>	715	LocalMkt Date	2022-05-18	Yes
	ReqTyp	Request type: ■ 0 – Positions	724	Integer	0	Yes
	ReqID	Unique identifier for the request assigned by submitting firm	710	String	1234567	Yes
	TxnTm	Time of request <YYYY-MM-DDTHH:MM:SS>	60	UTC Timestamp	2022-05-17T07:48:13	
	SetSesID	Settlement session ID: ■ ITD – Intraday	716	String	ITD	
→ Pty	This block repeats if the request includes multiple clearing member numbers.					
	ID	Clearing member number	448	String	00123	
	R	Party role: ■ 4 – Clearing firm	452	Integer	4	Yes, if clearing member number is supplied
→ → Sub						
	ID	Account type: ■ C – Customer ■ F – Firm ■ M – Market maker	523	String	C	
	Typ	Party role: ■ 26 – Position account type	803	Integer	26	Yes, if Account Type is supplied
→ Instrmt						
	MatDt	Expiration date <YYYY-MM-DD>	541	LocalMkt Date	2022-06-17	
→ → AID	This block repeats if the request includes multiple symbols.					
	AltID	Symbol	455	String	GOOG	
	AltIDSrc	Source: ■ 8 – Symbol For futures only	456	String	8	

Implementation Considerations

Only one expiration date may be requested at a time.

An account type can be requested if the clearing member number is also included.

The security alternate ID block is a repeating block that may be used to request multiple symbols. The processed symbols appear in the Request for Positions Acknowledgement message.

Request for Positions Acknowledgement

FIX Message (OCC to CM)	Request for Positions Acknowledgement
Delivery Options	Batch file

Overview

The Request for Positions Acknowledgement message includes the criteria provided in the position request, the request status, total number of position records being returned, and the request results.

Request for Positions Acknowledgement

Request for Positions Acknowledgement					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
ReqForPossAck					
	RptID	Unique identifier of the Request for Positions Acknowledgement	721	String	3342
	BizDt	Clearing business date <YYYY-MM-DD>	715	LocalMkt Date	2022-05-18
	ReqTyp	Request type: ■ 0 – Positions	724	Integer	0
	ReqID	Unique identifier for the request. (This is populated only for requests submitted by FIXML. This field contains the ReqID value from inbound FIXML request.)	710	String	1234567
	TotRpts	Total number of position records being returned	727	Integer	19
	Rslt	Position request result: ■ 0 – Valid request ■ 1 – Invalid request ■ 2 – No positions found that match criteria ■ 3 – Not authorized to request positions	728	Integer	0
	Stat	Position request result: ■ 0 – Complete ■ 2 – Rejected	729	Integer	0
	SetSesID	Settlement session ID: ■ ITD – Intraday	716	String	ITD
	TxnTm	Time request was processed <YYYY-MM-DDTHH:MM:SS>	60	UTC Timestamp	2022-05-17T07:48:13
→ Pty	This block repeats if the request includes multiple clearing member numbers				
	ID	Clearing member number	448	String	00123
	R	Party role: ■ 4 – Clearing firm	452	Integer	4
→ → Sub					
	ID	Account type: ■ C – Customer ■ F – Firm ■ M – Market maker	523	String	C

Request for Positions Acknowledgement					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	Typ	Party role: ■ 26 – Position account type	803	Integer	26
→ Instrmt					
	MatDt	Expiration date <YYYY-MM-DD>	541	LocalMkt Date	2022-06-17
→ → AID	This block repeats if the request includes multiple symbols.				
	AltID	Symbol	455	String	GOOG
	AltIDSrc	Source: ■ 8 – Symbol	456	String	8

On Demand Positions

FIX Message OCC to CM	Position Report
Delivery Options	Batch file

Overview

The On Demand Position Report lists the requesting clearing member's start of day and current positions. The current position reflects the clearing member's position quantity as of the time of the request.

On Demand Positions

On Demand Positions					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
PosRpt					
	RptID	Unique identifier for the position	721	String	326877967
	BizDt	Clearing business date <YYYY-MM-DD>	715	LocalMkt Date	2022-05-18
	ReqTyp	Request type: ■ 0 – Positions	724	Integer	0
	Ccy	Currency	15	Currency	USD
	SetSesID	Settlement session ID: ■ ITD – Intraday	716	String	ITD
→ Pty					
	ID	Clearing group name	448	String	OCC
	R	Party role: ■ 21 – Clearing organization	452	Integer	21
→ Pty					
	ID	Clearing member number	448	String	00123
	R	Party role: ■ 4 – Clearing firm	452	Integer	4
→ → Sub					
	ID	Account type: ■ C – Customer ■ F – Firm ■ M – Market maker	523	String	C
	Typ	Party role: ■ 26 – Position account type	803	Integer	26
→ Pty					
	ID	Subaccount	448	String	SPO
	R	Party role: ■ 38 – Position account type	452	Integer	38
→ Instrmt					
	Sym	Symbol	55	String	WTL
	ID	Futures symbol (not applicable for options)	48	String	

On Demand Positions					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	Src	Source: ■ 8 – Exchange symbol (not applicable for options)	22	String	
	CFI	CFI code	461	String	OCASCN
	MMY	Series/contract year, month, date <YYYYMMDD>	200	MonthYear	20220518
	MatDt	Expiration date <YYYY-MM-DD>	541	LocalMkt Date	2022-05-18
	StrkPx	Strike price (options and OOF only)	202	Price	7.500
	StrkCcy	Strike currency (options and OOF only)	947	Currency	USD
	StrkMult	Strike multiplier (options and OOF only)	967	Float	1
	StrkValu	Strike value (options and OOF only)	968	Decimal	100
	Mult	Multiplier	231	Decimal	100
→ Qty					
	Typ	Quantity type: ■ SOD – Start of day	703	String	SOD
	Long	Start long	704	Quantity	10
	Short	Start short	705	Quantity	0
→ Qty					
	Typ	Quantity type: ■ ITD – Intraday	703	String	ITD
	Long	Current long	704	Quantity	11
	Short	Current short	705	Quantity	0
→ Qty	This block is included if an excess closing buy and/or sell exists on the position.				
	Typ	Quantity type: ■ XSCB – Excess closing buy	703	String	XSCB
	Typ	Quantity type: ■ XSCS – Excess closing sell	703	String	XSCS
	Long	Increased long	704	Quantity	1
	Short	Increased short	705	Quantity	0

Revision History

Edition	Date	Edition Updates
1.0	11/15/2022	Initial edition.
1.1	2/16/2024	Removed reference to treatment of insignificant white space characters from the "What's New With the Ovation Platform?" table.