

# Ovation Platform – LOPR Reference Guide for Firms

**OCC**

**THE FOUNDATION  
FOR SECURE  
MARKETS®**

# Ovation Platform – LOPR Reference Guide for Firms

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# Overview

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## About This Document

This *Ovation Platform – LOPR Reference Guide for Firms* is intended to provide a detailed description of the OCC Large Options Positions Reporting (LOPR) system from a LOPR firm's perspective. OCC uses the LOPR system to communicate large options positions as reported by firms to subscribing exchanges and regulators.

This guide is organized according to the messages involved in LOPR processing.

Messages sent to OCC:

- LOPR Submission
- In Concert Group Submission

Messages from OCC:

- Rejected LOPR Submission
- LOPR File Acknowledgement
- LOPR Snapshot
- In Concert Group Snapshot

The first few chapters of this reference guide discuss the purpose, expectations, and overall description of each respective message type.

The remaining chapters provide detailed layouts, terminology, and processing tips related to each message type.

A firm that sends LOPR Submissions to OCC may or may not be an OCC Clearing Member. Therefore, the submitting firm may be referred to as a LOPR firm, a submitting firm, or firm.

The Self-Regulatory Organizations (SROs) that receive LOPR information include the United States listed options exchanges and Financial Industry Regulatory Authority (FINRA).

OCC Clearing Members who are required to submit LOPRs should contact their Clearing Member representative to coordinate connectivity testing and LOPR submission testing.

Non-Clearing Members who are required to submit LOPRs should contact Member Services. Member Services subsequently coordinates connectivity testing and LOPR submission testing.

## Contacts

If you have questions or comments, please contact Member Services at one of the following:

- 800-621-6072 (U.S.)
- [memberservices@theocc.com](mailto:memberservices@theocc.com)

## Connectivity Mechanism

In the future, information on production connectivity will be available in the following documents:

- *Ovation Platform – FIXML Input Connectivity Setup Guide*
- *Ovation Platform – DDS Output Connectivity Setup Guide*

## What's New With the Ovation Platform?

The following table lists DDS output changes.

DDS Output Changes		
Transmission	Change	Description
Outbound transmissions	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.

## Implementation Considerations

General implementation considerations include:

- All Clearing Member numbers must be submitted with five digits. For example, Clearing Member 002 must be submitted as 00002.
- If there is no value for a given tag (or set of tags), then the tag(s) should not be present at all. For example, if there is no Position Account Number (Pty block with R=38), then the entire Pty block should be omitted.
- If a string tag on a FIXML message exceeds OCC maximum length, the message is rejected. For reference, the maximum lengths for certain string fields are shown below.

Field	Max Length
Request ID	30
Firm Number	10
Position Account Number	30
Account Number	30
Account Name	180
Account Street Address	100
Account Address City	35
Account Address Postal Code	25
Tax Number	15
Branch ID	30

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Field	Max Length
CRD Number	10
Correction Text	255
In Concert Group ID	30
In Concert Controlling Entity Name	70

# Large Options Positions Reporting Submissions

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Firms send Large Options Positions Reporting (LOPR) Submissions to OCC. This chapter describes the purpose, expectations, and overall description of LOPR Submissions:

- Firm sends LOPR data to OCC
- Firm adds, modifies, and deletes LOPRs
- Firm updates previously reported LOPR data below contract threshold
- Firm sends LOPR data by reporting threshold
- Firm resolves LOPR Submissions sent in error and rejected submissions from prior day
- OCC performs basic validations of LOPR Submissions
- OCC applies product-related validations for LOPR Submissions
- OCC determines duplicate LOPR Submissions
- OCC purges LOPRs with expired series
- OCC purges LOPRs impacted by corporate actions that changed a symbol or strike price
- Firm reports OTC Reference Data impacted by corporate actions

For specific information about the message layout and selected data fields, see the “LOPR Submission Message Layout” chapter in this document.

## Firm Sends LOPR Data to OCC

SROs require that firms file a LOPR position if an aggregate same side of the market position exceeds a threshold number of contracts. Firms must report any changes in quantity while the position exceeds the threshold of contracts. Firms must report a single time (effective for one day) if the position dips below the threshold. If the position remains below the threshold, no updates are required of the firm.

OCC collects and processes LOPR data from each firm. OCC then generates a comprehensive snapshot of that day’s LOPR data to the SROs.

Firms transmit LOPR data to OCC using the LOPR Submission message. For more information, see the “LOPR Submission Layout” chapter in this document.

OCC performs format and content validations. Messages that do not pass the validations are returned to the submitting firm so that the messages may be resubmitted correctly in a future processing cycle. In addition, the rejected LOPR Submissions are sent to the SROs.



At the end of each trading date, prior to 9 p.m. CT, firms send OCC their LOPR Submissions in a batch file. Firms only need to send a LOPR Submission when they have:

- Entered into a reportable position (Add)
- A change in a previously reported position (Modify)
- Closed a previously reported position (Delete)

Note that a firm may use Delete for purposes of correcting an error. If so, the correction text field should be populated.

## Firm Adds, Modifies, and Deletes LOPRs

Firms are allowed to add new LOPRs, modify existing LOPRs and delete existing LOPRs using the LOPR Submission layout. Firms are also allowed to report LOPR activity that has taken place within the T-5 business days period. Note the following processing scenarios, assuming that the LOPR effective date is within the T-5 business days period.

Scenario	Expected Result
Add submitted, LOPR already exists	Add rejects
Multiple Adds for same LOPR/same effective date	All Adds reject
Three Adds for same LOPR/three different effective dates	Earliest Add accepts; Latter two Adds reject
Three Adds for same LOPR/two earliest effective dates are the same	All three Adds reject
Modify submitted, LOPR does not exist	Modify rejects
Modify submitted, effective date < than the most recent LOPR effective date	Modify rejects
Modify submitted, position quantities are all zero	Modify rejects
Multiple Modifies with different quantities for same LOPR/same effective date	All Modifies reject
Two Modifies for same LOPR/same effective date/same quantity	One Modify accepts; one Modify rejects
Delete submitted, LOPR does not exist	Delete rejects
Delete submitted, any position quantity not zero	Delete rejects
Delete submitted, effective date < than the most recent LOPR effective date	Delete rejects
Two Deletes for same LOPR/different effective dates/no correction text used	Earlier delete accepts; Latter delete rejects
Multiple Deletes for same LOPR/same effective dates/correction text used on one of the Deletes	Delete w/correction text accepts, others reject
Multiple Deletes for same LOPR/same effective dates/all have correction text used	One Delete accepts; all others reject
Multiple Deletes for same LOPR/same effective dates/ none have correction text used	One Delete accepts; all others reject

Any change to a Unique Field requires a Delete of the old LOPR and an Add with the updated field. A Modify cannot be submitted for a change in Unique Field. The purpose of the Modify is to update position quantities. Note that a Modify or Delete must have an effective date that is equal or subsequent to the effective date of the most recent effective date for that LOPR.

If there is a change to a non-unique field, the change can be accomplished using a Modify that also contains a change to one or more of the position quantities. If the position quantities remain the same, and a non-unique field change is attempted using a Modify, the message is rejected.

## **Firm Updates Previously Reported LOPR Data Below Contract Threshold**

When a previously reported position is reduced below the reporting threshold, the actual position must be reported one final time. After this final update, firms may perform one of the following:

- Delete the positions from the LOPR, with an effective date of at least one day subsequent to the effective date of the modify that reduced the position below the threshold.
- Take no action and allow the position to remain.
- Continue to maintain the position until the positions expire or are closed. If the firm chooses to maintain the positions below the reporting threshold, the firm must follow the guidelines set forth in this guide and related documents.

Regardless of the method employed by the firm relating to positions below the reporting threshold, firms are required to report all positions on the same side of the market when the account (or accounts acting in concert) once again exceeds the reporting threshold.

If multiple files of LOPR Submissions are transmitted on a particular day from the same LOPR firm, the latest file submission is processed and prior files are ignored.

## **Firm Sends LOPR Data by Reporting Threshold**

Based on SRO rules, firms are allowed a certain number of days to report LOPR data. The threshold is currently set at five business days.

The date that a LOPR position is established, modified or closed is known as the Effective Date (sometimes referred to as Trade Date) and must be supplied by the firm on each LOPR Submission. The Effective Date supplied on a LOPR Submission must be greater than or equal to the submission date minus the threshold of five business days (T-5). If a LOPR Submission has an Effective Date older than five business days, the system rejects that LOPR Submission.

Unchanged LOPRs should not be reported to OCC. OCC carries over previously reported LOPRs and transmits them to the SROs in a nightly “snapshot” file. For more information, see the “LOPR Snapshot Layout” chapter in this document. If a LOPR Submission is identical to one that already exists, the submission is rejected as a duplicate, even if the Effective Date supplied is different than the one attached to the LOPR.

## Firm Resolves LOPR Submissions Sent in Error and Rejected Submissions from Prior Day

If a LOPR Submission is sent in error, the firm must send OCC a Delete instruction to close out the LOPR. Firms must use the Correction Text field to notify the SROs that the original LOPR was sent in error. Additionally, the Delete submission should be submitted with the same effective date as the message sent in error, when possible.

LOPR Submissions that fail validation by OCC are returned to the submitting firm as a Rejected LOPR Submission. For more information, see the “Rejected LOPR Submission Layout” chapter in this document. Firms receive their Rejected LOPR Submissions in a FIXML format and are also available in a print image report. The individual message contains the reason(s) for rejection. Firms have an opportunity to resubmit their Rejected LOPR Submissions the following business day if the T-5 business days period is not exceeded.

OCC does not verify that each participating firm has transmitted their file for a given day. The LOPR firm is responsible for ensuring that its file is transmitted to OCC.

In the instance that the file or message received from a LOPR firm has been corrupted or contains fundamental errors preventing OCC from opening, reading, or parsing the information, then the file or messages will not be processed. In these instances, OCC does not produce LOPR Reject messages back to the submitting firm.

A LOPR File Acknowledgement is also made available to submitting firms. Subscribers to this file receive a message count of the number of LOPR/In Concert submissions received. For more information, see the “LOPR File Acknowledgement Layout” chapter in this document. This message informs the firm that OCC received its file, but the message does not acknowledge whether the file was processed or if any LOPR submissions were rejected.

Although firms are required by SROs to supply the following regulatory data elements on each LOPR Submission, the absence or inaccuracy of any of these elements does not cause the LOPR to reject.

- Tax Purposes Number/Type
- CRD Number
- Aggregation Unit
- Branch

## OCC Performs Basic Validations of LOPR Submissions

The accuracy of the data sent to OCC is the responsibility of the submitting firms. Some basic validations are performed by the LOPR system upon receiving the LOPR Submissions:

- Data Type and FIXML values must match the layout.
- All required fields must be populated for each message. Required fields differ according to the product being reported. These differences are described in the “LOPR Submission Layout” chapter in this document, which also includes the “Explanation of Selected Data Fields – LOPR Submission” section.

- If the reporting firm is an OCC Clearing Member, the firm number must be a valid Clearing Member number at OCC.
- If the reporting firm is not an OCC Clearing Member, the firm number must be a valid Non-Clearing Organization known by OCC.
- The Quantity Date tag must be used to represent the Position Effective Date on the LOPR Submission message. The date value submitted must be equal to current business date or within the last five business dates. These validations are driven from the OCC Business Date calendar, and exchange holidays are excluded. If a LOPR Submission's trade date is older than five business days, that message is rejected. The firm is responsible for providing this data to the SROs directly if the T-5 business days period is exceeded.

## OCC Applies Product-Related Validations for LOPR Submissions

In addition to the basic validations listed above, the LOPR system applies product-related validations. An individual LOPR Submission is rejected if it fails any of the following:

- All listed options, warrants and hedge instrument-futures must exist in the OCC Reference Data.
- OCC does not maintain Reference Data of non-listed OTC option products. For this reason, the underlying symbol and underlying quantity of the OTC option must be supplied.
- The series supplied for a listed option must match an active series in the OCC Reference Data, with one exception. Since firms have up to T-5 business days to report a LOPR, recently inactivated or expired series are allowed if the series was active on the effective date.
- The expiration date supplied for an OTC series must be either subsequent to or within the previous T-5 business days and equal or subsequent to the position effective date.
- The expiration date supplied for a hedge instrument-future must be equal to or subsequent to today's business date. Past expiration dates, even if within the T-5 business days period, are not accepted.

## OCC Determines Duplicate LOPR Submissions

To determine duplicate LOPR Submissions, the LOPR system groups incoming messages from the LOPR firms by the following fields:

- Firm (CM #)
- Account Type
- Branch
- Tax #
- Account Number
- Instrument Symbol
- Security Type
- Put/Call
- Strike Price
- Contract Date (Expiration Day/Month/Year)

- Exercise Style (on OTC options only)
- Underlying Symbol (on OTC options / hedges only)
- Underlying Quantity (on OTC options / hedges only)

These fields are known as the Unique Fields and collectively define the Unique Record ID for a LOPR.

## **OCC Purges LOPRs with Expired Series**

When a listed option series, OTC series, or future contract expires, the LOPR system purges all LOPRs that have expired series. Therefore, LOPR firms should not submit Delete messages for expired LOPRs.

## **OCC Purges LOPRs Impacted by Corporate Actions That Change a Symbol or Strike Price**

In LOPRs for listed option series where the option symbol or strike price change due to a corporate action, OCC purges any previously reported LOPRs on the ex-date of the corporate action. Firms must transmit new LOPR Submissions as Adds to replace the LOPRs purged due to corporate actions, with an effective date equal to the ex-date.

## **Firm Reports OTC Reference Data Impacted by Corporate Actions**

OCC does not maintain a series Reference Data for OTC option series. Therefore, any changes to the terms of an OTC series are the responsibility of the LOPR firms to report. Firms need to submit a Delete and an Add for any OTC series where any of the unique fields change due to a corporate action, regardless of whether the position itself changes.

# Reporting of Accounts Acting In Concert

Firms report accounts acting in concert to OCC. This chapter describes the purpose, expectations, and overall description of reporting accounts acting in concert:

- Firm reports a group of In Concert accounts holding in aggregate a reportable position
- Firm uses required data elements on an Add message
- Firm updates an In Concert Group
- Firm and service providers can subscribe to the In Concert Group Snapshot file
- Firm and SROs Can View Rejected In Concert Submissions Report

For specific information about the message layout and selected data fields, see the “In Concert Group Submission Layout” chapter in this document.

## Firm Reports a Group of In Concert Accounts Holding in Aggregate a Reportable Position

All accounts under common control by the same individual(s) or entity must be aggregated for regulatory purposes. Accordingly, when accounts that act in concert hold in the aggregate a reportable position, LOPR firms must report each account’s position (whether individually reportable or not) to OCC for LOPR purposes.

Further, the first time a group of In Concert accounts holds in the aggregate a reportable position, the LOPR firm carrying the accounts must submit a listing of the In Concert accounts to OCC. The accounts must include the full account name, account number, Social Security number or tax identification number and the identity of the individual(s) who control the accounts.

Firms reporting a group of In Concert accounts to OCC must use the In Concert Submission layout. The layout uses the Registration Instructions message. For more information, see the “In Concert Group Submission Layout” chapter in this document.

At the end of each trading date, no later than 9 p.m. CT, LOPR firms send OCC their In Concert group messages in the same file as their LOPR Submissions. Firms send an In Concert Group Submission to:

- Report a new In Concert Group or account within an In Concert Group (Add)
- Eliminate an existing In Concert Group or eliminate an account within an existing In Concert Group (Delete)

If an In Concert Submission-Add is sent for an existing In Concert Group, the Add is rejected. Likewise, if an In Concert Submission-Delete is sent and an existing In Concert Group cannot be found, the Delete is rejected.

In Concert Group Submissions received prior to the 9 p.m. CT cut-off time and which pass validation are applied to OCC’s In Concert database for that evening’s processing. Subsequent to processing current date LOPR Submissions, any LOPRs affected by the addition or deletion of In Concert Group Submissions are updated.

## Firm Uses Required Data Elements on an Add Message

Each In Concert Group Submission requires the following data elements on an add message. The absence of one or more of these elements causes the In Concert Group Submission to reject.

- Registration ID
- Clearing Business Date
- Registration Transaction Type
- Reference ID
- Firm Number/Party Role
- Account Number/Party Role
- In Concert Group ID/Party Role – (Role 87)
- In Concert Controlling Entity – (Role 88)

Although firms are required by the SROs to supply the following regulatory data elements on each submitted In Concert Group Submission, the absence or inaccuracy of these elements does not cause the In Concert Group Submission to reject.

- Tax Number/Tax Number Type/Party Role
- Branch ID/Location

All required fields must be populated for each message. Required fields differ according to the product being reported. These differences are described in the “In Concert Group Submission Layout” chapter in this document, which also includes the “Explanation of Selected Data Fields – In Concert Group Submission” section.

## Firm Updates an In Concert Group

Firms updating an In Concert Group must submit a Delete for the existing group and submit an Add for the new group. OCC processes Delete requests prior to Add requests.

## Firm and Service Providers Can Subscribe to In Concert Group Snapshot

Firms and service providers can subscribe to a “snapshot” file containing in concert accounts held at OCC. For more information, see the “In Concert Group Snapshot Layout” chapter in this document.

## Firm and SROs Can View Rejected In Concert Submissions Report

Rejected In Concert Submissions are available to the submitter and to the SROs in the form of a report. Firms can resubmit In Concert Group Submissions, with appropriate corrections, on the following business day for the next LOPR processing cycle. OCC Clearing Members can have the report transmitted to them or can view the report online in the Ovation platform.

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# Rejected LOPR Submissions

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OCC sends Rejected LOPR Submissions to the firm and to SROs. This chapter describes the purpose, expectations, and overall description of OCC sending Rejected LOPR Submissions back to the submitting firm and to the SROs:

- OCC sends Rejected LOPR Submissions “as is” to the firm and SROs
- Message flows:
  - LOPR message flow
  - In Concert message flow

For specific information about the message layout and selected data fields, see the “Rejected LOPR Submission Layout” chapter in this document.



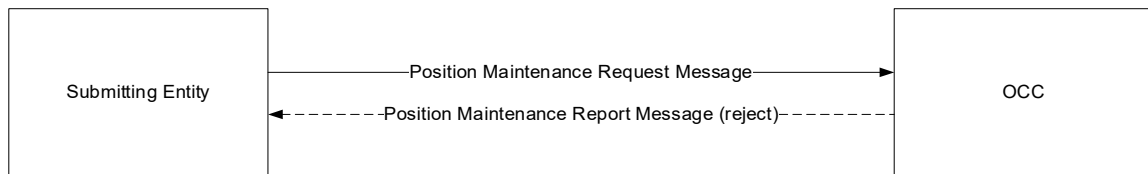
## OCC Sends Rejected LOPR Submissions “As Is” to the Firm and SROs

The Position Maintenance Report is used as the layout for providing Rejected LOPR Submissions to the submitting firm. All rejects for a given day are also transmitted to the SROs.

Rejected LOPR Submissions are returned to the firm “as-is”, meaning the data submitted is returned as it was sent to help determine the source of the error. In addition to the data submitted, an error field containing the reason(s) for rejection is supplied. The submitting firm is responsible for determining the source of error(s) and for resubmitting corrected data the following business day if desired.

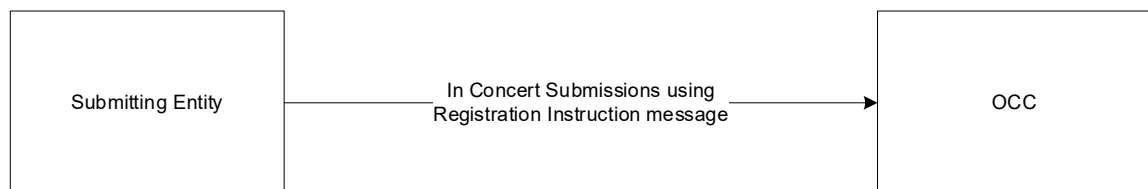
## Message Flows

### LOPR Message Flow



Users report LOPRs to OCC using Position Maintenance Request messages.  
If a message rejects, OCC sends a reject message back to the submitter.

### In Concert Message Flow



Users report In Concert Groups to OCC using Registration Instruction messages.  
If a message rejects, OCC sends a report back to the submitter and exchanges, not another FIXML message.

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# LOPR Submission Layout

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Firms must use the Position Maintenance Request message to send a LOPR Submission to OCC. This chapter provides the layout to use when creating a LOPR Submission:

- Message Layout – LOPR Submission
- Explanation of Selected Data Fields – LOPR Submission

For general information about the LOPR Submission, see the “Large Options Positions Reporting Submissions” chapter in this document.

## Message Layout – LOPR Submission

This layout uses 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.

Position Maintenance Request – Large Options Positions Report Submission					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type (Max Length)	Sample
PosMntReq					
	ReqID	Request ID – Unique identifier supplied by submitter	710	String (30)	0000012345
	TxnTyp	Transaction type: <ul style="list-style-type: none"> <li>7 – Large Options Positions Report Submission</li> </ul>	709	Integer (1)	7
	Actn	Action code: <ul style="list-style-type: none"> <li>1 – New (Add)</li> <li>2 – Replace (Modify)</li> <li>3 – Cancel (Delete)</li> </ul>	712	Integer (1)	1
	BizDt	Clearing business date	715	LocalMktDate (10)	2024-09-12
	Txt	Correction text – Used for Delete requests to indicate LOPR is being zeroed out due to a correction	58	String (255)	Incorrect Acct Type
→ Pty					
	ID	Firm number (reporting the LOPR)	448	String (10)	09019
	R	Party role: <ul style="list-style-type: none"> <li>4 – OCC clearing firm</li> <li>7 – Entering firm (non-OCC clearing firm)</li> </ul>	452	Integer (1)	7
→ → Sub					
	ID	Account type: <ul style="list-style-type: none"> <li>C – Customer (non-OCC submitting firm must use C only)</li> <li>F – Firm</li> <li>M – Market maker</li> </ul>	523	String (1)	C

## Position Maintenance Request – Large Options Positions Report Submission

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type (Max Length)	Sample
	Typ	Type: ■ 26 – Position account type	803	Integer (2)	26
→ Pty					
	ID	Position account number (aggregation unit)	448	String (30)	AGGU
	R	Party role: ■ 38 – Position account	452	Integer (2)	38
→ Pty					
	ID	Firm number If a listed option position is submitted by a non-OCC firm, the OCC CM# where position is held must be provided.	448	String (10)	00773
	R	Party role: ■ 4 – OCC clearing firm	452	Integer (1)	4
→ Pty					
	ID	Account number	448	String (30)	1234512345
	R	Party role: ■ 89 – Large Options Positions Reporting account	452	Integer (2)	89
→ → Sub					
	ID	Account name (firm or customer)	523	String (180)	ABC Clearing, LLC
	Typ	■ 5 – Full legal name of firm	803	Integer (1)	5
→ → Sub					
	ID	Account street address	523	String (100)	17 State Street
	Typ	Type: ■ 37 – Street address	803	Integer (2)	37
→ → Sub					
	ID	Account address city	523	String (35)	New York
	Typ	Type: ■ 34 – Account address city	803	Integer (2)	34
→ → Sub					

## Position Maintenance Request – Large Options Positions Report Submission

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type (Max Length)	Sample
	ID	Account address state	523	String (2)	NY
	Typ	Type: <ul style="list-style-type: none"> <li>■ 35 – Account address state</li> </ul>	803	Integer (2)	35
<b>→ → Sub</b>					
	ID	Account address postal code	523	String (25)	10333
	Typ	Type: <ul style="list-style-type: none"> <li>■ 36 – Account address postal code</li> </ul>	803	Integer (2)	36
<b>→ Pty</b>					
	ID	Tax number	448	String (15)	555-55-1234
	Src	Tax number type: <ul style="list-style-type: none"> <li>■ 7 – Social Security number</li> <li>■ 8 – Employer tax ID</li> <li>■ J – Foreign tax ID</li> </ul>	447	Char (1)	7
	R	Party role: <ul style="list-style-type: none"> <li>■ 5 – Investor ID</li> </ul>	452	Integer (1)	5
<b>→ → Sub</b>					
	ID	Branch ID	523	String (30)	0313
	Typ	Type: <ul style="list-style-type: none"> <li>■ 31 – Location</li> </ul>	803	Integer (2)	31
<b>→ Pty</b>					
	ID	Country of origin	448	String (5)	US
	Src	Source: <ul style="list-style-type: none"> <li>■ E – International Organization for Standardization (ISO) country code (<a href="https://www.iso.org/obp/ui/#search">https://www.iso.org/obp/ui/#search</a>)</li> </ul>	447	Char (1)	E
	R	Party role: <ul style="list-style-type: none"> <li>■ 75 – Location ID</li> </ul>	452	Integer (2)	75
<b>→ Pty</b>					
	ID	CRD number	448	String (10)	987654
	R	Party role: <ul style="list-style-type: none"> <li>■ 82 – Central Registration Depository</li> </ul>	452	Integer (2)	82
<b>→ Instrmt</b>					

## Position Maintenance Request – Large Options Positions Report Submission

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type (Max Length)	Sample
	Sym	Symbol	55	String (6)	IBM
	SecTyp	Security type: <ul style="list-style-type: none"> <li>■ OPT – Option</li> <li>■ WAR – Warrant</li> </ul>	167	String (3)	OPT
	SubTyp	Security subtype (used with security type OPT): <ul style="list-style-type: none"> <li>■ ETO – Exchange Traded Option</li> <li>■ OTC – Over the counter</li> </ul>	762	String (3)	ETO
	Prod	Product: <ul style="list-style-type: none"> <li>■ 4 – Currency</li> <li>■ 5 – Equity</li> <li>■ 6 – Government (Debt)</li> <li>■ 7 – Index</li> </ul>	460	Integer (1)	5
	MMY	Maturity Month Year of the original expiration date (YYYYMMDD), used with security type OPT	200	MonthYear (8)	20241122
	StrkPx	Strike price (used with Security type OPT)	202	Price (15.5)	22.5
	PutCall	Put or call: <ul style="list-style-type: none"> <li>■ 0 – Put</li> <li>■ 1 – Call</li> </ul>	201	Integer (1)	1
	ExerStyle	Exercise style (used with security type OPT): <ul style="list-style-type: none"> <li>■ 0 – European</li> <li>■ 1 – American</li> </ul>	1194	Integer (1)	1
<b>→ HedgeInst</b>	<i>The HedgeInst block is only included to represent a Hedge Instrument on a listed option or OTC option. If the HedgeInst block is used to report a Hedge Instrument, the above MMY, StrkPx and PutCall tags are excluded.</i>				
	Sym	Hedge Instrument symbol	55	String (6)	IBM
	SecTyp	Security type: <ul style="list-style-type: none"> <li>■ CS – Equity (common stock)</li> <li>■ FUT – Future</li> </ul>	167	String (4)	CS
	MMY	Maturity Month Year of the original expiration date (YYYYMMDD), required for futures only	200	MonthYear (8)	20241121
<b>→ Undly</b>	<i>The Underlying block is used for OTC options only.</i>				

## Position Maintenance Request – Large Options Positions Report Submission

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type (Max Length)	Sample
	Sym	Underlying symbol (of the OTC option)	311	String (6)	ETTO
	Qty	Underlying quantity (shares per contract)	879	Qty (10)	100
<b>→ Qty</b>					
	Typ	Quantity type: ■ FIN – End of day	703	String (3)	FIN
	Long	Long contract quantity (share quantity if Hedge Equity)	704	Qty (10)	0
	Short	Short contract quantity (share quantity if Hedge Equity)	705	Qty (10)	250
	CvrdQty	Covered quantity (used for options only)	1654	Qty (10)	120
	QtyDt	Effective date of position	976	LocalMktDate (10)	2024-09-10
<b>→ Qty</b>	<i>Qty block for the Intraday Qty is used for OTC options only.</i>				
	Typ	Quantity type: ■ ITD – Intraday	703	String (3)	ITD
	Long	Long contract quantity	704	Qty (10)	0
	Short	Short contract quantity	705	Qty (10)	300
	CvrdQty	Covered quantity	1654	Qty (10)	120

## Explanation of Selected Data Fields – LOPR Submission

- **Request ID** – The request ID is required for the Position Maintenance Request message. The value should be unique per submission for each Clearing Business Date. If a LOPR Submission is rejected, the Request ID is passed through to the respective LOPR Reject and should be used by the submitter as a reference to track the original LOPR Submission. If a Request ID is not unique per submission, all messages with the non-unique Request ID are rejected.
- **Action Code** – For LOPR Submissions, this code identifies the submitting firm’s instruction to Add a new LOPR, Modify an existing LOPR, or Delete an existing LOPR.
- **Clearing Business Date** – The OCC business date.
- **Effective Date of the Position** – The business date that the position was affected due to trade, post trade, exercise, assignment, etc. For LOPR Submissions, the Effective Date must be within the T-5 business days period. When submitting a Modify or Delete, OCC only accepts a position with an effective date equal to or greater than the latest effective date that was previously reported for that unique position. OCC rejects a position if it has an effective date earlier than the latest effective date for that unique position.
- **Correction Text** – If the LOPR Submission Delete is being submitted for correction purposes, the submitting firm should use this field to provide a reason for the correction.
- **Firm Number** – If a non-OCC firm is submitting the LOPR, the OCC Clearing Member number where the position is held must be provided in an additional party block. If an OCC Clearing Member is submitting the LOPR, a second firm number is not required.
- **Account Type** – Account where the position is held. If a non-OCC firm is submitting the LOPR, the account type must be “C” for Customer.
- **Aggregation Unit** – The means to distinguish between different approved aggregation units within a firm. The value provided is not validated. If an Aggregation Unit exists for a particular account, the Aggregation Unit is required and should be included in the LOPR Submission. However, if no Aggregation Unit exists for a particular account, it should not be included on the LOPR Submission.
- **Account Number, Name, Address, City, State, and Postal Code** – These are all string values that are attached to the particular LOPR. If the address relates to a foreign country (outside the U.S.) and the State and Postal Code are not applicable, the fields may be excluded.
- **Country of Origin** – The country where the account address is located. For the United States, US should be used. For foreign countries (outside the U.S.), refer to this site, and use the Alpha-2 code listed: [Online Browsing Platform \(OBP\) \(iso.org\)](https://www.iso.org)
- **CRD (Central Registration Depository)** – If a CRD exists for a particular account, it is required and should be included in the LOPR Submission. However, if no CRD exists for a particular account, it should be excluded on the LOPR Submission.
- **Security SubType** – This field is required when the Security Type is options (OPT). Security SubType is not required for warrants (WAR).
- **Maturity Month Year/Strike Price** – These fields are the series/contract date and strike of the option. OCC validates the series/contract date and strike against its series Reference Data for listed exchange traded options (ETO). OCC does not have OTC option series/contract information and therefore OCC only validates that the series/contract date is not older than the T-5 business days period on OTC option series. These fields are supplied by OCC for warrants (WAR).



- **Underlying Symbol/Quantity** – The underlying block is only required for OTC options and hedges. The underlying block must be excluded for listed options and warrants.
- **Hedge Symbol/Security Type/Maturity Month Year** – The Hedge fields are only required if the submitting firm is reporting a Hedge Instrument. If the Hedge Instrument is a future (FUT), then the contract expiration date is required in the Maturity Month Year field. If the Hedge Instrument is an equity, the Maturity Month Year field must be excluded. Additionally, when a firm is reporting a Hedge Instrument, specific series information (strike, put/call, expiration date) should be omitted.
- **End of Day Quantity Long/Short** – The submitting firm must include the final Long and Short quantity for each LOPR Submission. If the LOPR Submission is an Add or Modify at least a non-zero long or a non-zero short quantity must be provided. If the submitting firm has a long and a short position in the same series, both non-zero quantities must be provided.

If the LOPR Submission is a Delete, a zero long quantity and a zero short quantity for the position being closed is required. For example, if a submitting firm is long and short in the same series and wants to instruct OCC to close the short, a LOPR Submission Modify with a short quantity equal to zero and a non-zero long quantity must be sent to OCC. In this instance a Modify is needed since both a zero long and a zero short quantity are required for Delete submissions.

- **Covered Quantity** – This field is required for listed options and OTC options. Covered Short Quantity identifies the portion of the short position that is covered as per SRO rules. The amount may be equal to or less than the total short quantity. If the entire short position is uncovered, a zero quantity should be supplied for the Covered Short Quantity. For warrants, hedge future, and hedge equity, this field should be excluded. A zero must also be supplied for the Delete of an option.
- **Intraday Quantity Long/Short** – The submitting firm must include the intraday Long and Short quantities for each LOPR Submission on OTC options with an action code of Add or Modify. Intraday Quantity Long/Short is not required for Delete requests. For OTC options, the Covered Quantity for the intraday short must also be included. OCC replaces the intraday position quantity with zero on any OTC carry-over positions to indicate that the intraday position reported did not occur on that day. If the LOPR Submission is not for an OTC option, this Quantity block must be excluded.

# In Concert Group Submission Layout

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Firms must use the Registration Instructions message to send an In Concert Group Submission to OCC. This chapter provides the layout to use when creating an In Concert Group Submission:

- Message Layout – In Concert Group Submission
- Explanation of Selected Data Fields – In Concert Group Submission

For general information about the In Concert Group Submission, see the “Reporting of Accounts Acting In Concert” chapter in this document.

## Message Layout – In Concert Group Submission

This layout uses 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.

Registration Instructions – In Concert Group Submission					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
RgstInstrctns					
	ID	Registration ID (unique identifier supplied by firm)	513	String (25)	000123
	BizDt	Clearing business date	715	LocalMktDate (10)	2024-09-12
	TransTyp	Registration transaction type: <ul style="list-style-type: none"> <li>■ 0 – New (Add)</li> <li>■ 2 – Cancel (Delete)</li> </ul>	514	Char (1)	0
	RefID	Reference ID (used for Delete requests and must match the Ref ID used for the original Add)	508	String (30)	000012
→ Pty					
	ID	Firm number (reporting the In Concert Group)	448	String (10)	00773
	R	Party role: <ul style="list-style-type: none"> <li>■ 4 – OCC clearing firm</li> <li>■ 7 – Entering firm (non-OCC clearing firm)</li> </ul>	452	Integer (1)	4
→ Pty	<i>The following information is only required for Adds.</i>				
	ID	Tax number	448	String (15)	555-55-1234
	Src	Tax number type: <ul style="list-style-type: none"> <li>■ 7 – Social Security number</li> <li>■ 8 – Employer tax ID</li> <li>■ J – Foreign tax ID</li> </ul>	447	Char (1)	7

Registration Instructions – In Concert Group Submission					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	R	Party role: ■ 5 – Investor ID	452	Integer (1)	5
<b>→ → Sub</b>					
	ID	Branch ID	523	String (30)	0313
	Typ	Type: ■ 31 – Location	803	Integer (2)	31
<b>→ Pty</b>					
	ID	Account number	448	String (30)	123451234A
	R	Party role: ■ 89 – Large Options Positions Reporting account	452	Integer (2)	89
<b>→ Pty</b>					
	ID	In Concert Group ID	448	String (30)	031300680
	R	Party role: ■ 87 – In Concert group	452	Integer (2)	87
<b>→ Pty</b>					
	ID	In Concert controlling entity name	448	String (70)	AAA Partners, LLC
	R	Party role: ■ 88 – In Concert Controlling Entity	452	Integer (2)	88

## Explanation of Selected Data Fields – In Concert Group Submission

- **Registration ID** – The registration identifier is unique per submission for each Clearing Business Date.
- **Reference ID** – The reference identifier is used for Delete requests. Along with the submitting Firm Number, the Reference ID must match the Reference ID supplied on the original In Concert Group Add. This value must be unique.
- **Clearing Business Date** – The OCC business date.
- **Registration Transaction Type** – For In Concert Group Submissions, this code identifies the submitting firm's instruction to report a new In Concert Group or account within an In Concert Group (Add) or to eliminate an existing In Concert Group, or to eliminate an account within an existing In Concert Group (Delete).
- **In Concert Group ID** – In Concert Group IDs are added to the appropriate LOPRs to indicate accounts acting In Concert. Every LOPR has a Firm Number/Submitter/Account Number combination. If the Firm Number/Submitter/Account Number combination on a LOPR matches that of an existing In Concert Group on file at OCC, then OCC attaches the In Concert Group ID to that LOPR.
- **In Concert Controlling Entity** – The name of the party that controls the In Concert Group.

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# Rejected LOPR Submission Layout

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OCC uses the Position Maintenance Report message to send Rejected LOPR Submissions back to firms. This chapter provides the layout to use when reading a Rejected LOPR Submission:

- Message Layout – Rejected LOPR Submissions

For general information about the Rejected LOPR Submissions, see the “Rejected LOPR Submissions” chapter in this document.

## Message Layout – Rejected LOPR Submission

This layout uses 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.

**Note** Because the Rejected LOPR Submission (Position Maintenance Report) is very similar to the LOPR Submission (Position Maintenance Request), this chapter includes only the first block of the Rejected LOPR Submission. After the first block of the Rejected LOPR Submission (below), refer to the LOPR Submission, starting with the Pty block, in the “LOPR Submission Layout” chapter of this document.

Position Maintenance Report – Rejected LOPR Submissions					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
PosMntRpt					
	RptID	Report ID is the request ID supplied on the original PosMntReq	721	String	0000012345
	TxnTyp	Transaction type: <ul style="list-style-type: none"> <li>7 – Large Options Positions Report Submission</li> </ul>	709	Integer	7
	Stat	Position Maintenance Request status: <ul style="list-style-type: none"> <li>2 – Reject</li> </ul>	722	Integer	2
	Actn	Action code: <ul style="list-style-type: none"> <li>1 – New (Add)</li> <li>2 – Replace (Modify)</li> <li>3 – Cancel (Delete)</li> </ul>	712	Integer	1
	BizDt	Clearing business date	715	LocalMktDate	2024-09-12
	Txt	Correction text is supplied for Delete requests only to indicate that the LOPR is being zeroed out due to a correction	58	String	Incorrect Acct Type
	RejTxt	Reject text (all reasons are included)	1328	String	Effective Date is older than T-5 business days

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# LOPR File Acknowledgement Layout

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OCC uses the DDS End of Day message to send the LOPR File Acknowledgement to firms. The LOPR Acknowledgement provides the total number of LOPR Submissions and In Concert Submissions that were received and passed FIXML validations, excluding the header and footer.

During nightly LOPR processing, messages may be accepted or rejected.

This chapter provides the layout to use when reading a LOPR File Acknowledgement:

- Message Layout – LOPR File Acknowledgement

For general information about the LOPR File Acknowledgement, see the “Large Options Positions Reporting Submissions” chapter in this document.



## Message Layout – LOPR File Acknowledgement

This layout uses 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.

DDS End of Day – LOPR File Acknowledgement					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
DDSEODMessage					
	BizDt	Clearing business date	715	LocalMktDate	2024-09-11
	MsgTypeCode	Message type code: <ul style="list-style-type: none"> <li>■ LOPR – Large Option Position Reporting</li> </ul>		Char	LOPR
	SchemaVer	Schema version: <ul style="list-style-type: none"> <li>■ FIX 4.4 – Version of FIX</li> </ul>		String	FIX 4.4
	NoMessagesRecvd	Number of valid FIXML messages received		Integer	177966

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# LOPR Snapshot Layout

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OCC uses the Position Report message to send the LOPR Snapshot to firms or submitters. A file of LOPRs is a “snapshot” of all LOPRs on the OCC LOPR database for the specific firm. The LOPR Snapshot is a comprehensive file of all LOPRs known to OCC for a specific firm or submitter.

This chapter provides the layout to use when reading a LOPR Snapshot:

- Message Layout – LOPR Snapshot
- Explanation of Selected Data Fields – LOPR Snapshot

For general information about the LOPR Snapshot, see the “Large Options Positions Reporting Submissions” chapter in this document.

## Message Layout – LOPR Snapshot

This layout uses 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.

Position Report – Large Options Positions Report Snapshot					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
PosRpt					
	RptID	Unique identifier for the LOPR (generated by OCC)	721	String	444555666
	ReqTyp	Request Type <ul style="list-style-type: none"> <li>8 – Large Options Positions Report</li> </ul>	724	Integer	8
	BizDt	Clearing business date	715	LocalMktDate	2024-09-12
→ Pty					
	ID	Firm number (reporting the LOPR)	448	String	00773
	R	Party role: <ul style="list-style-type: none"> <li>4 – OCC clearing firm</li> <li>7 – Entering firm (non-OCC clearing firm)</li> </ul>	452	Integer	4
→ → Sub					
	ID	Account type: <ul style="list-style-type: none"> <li>C – Customer (non-OCC firm will use C only)</li> <li>F – Firm</li> <li>M – Market Maker</li> </ul>	523	String	C
	Typ	<ul style="list-style-type: none"> <li>26 – Position Account Type</li> </ul>	803	Integer	26
→ Pty					
	ID	Position account number (aggregation unit)	448	String	AGGU
	R	Party role: <ul style="list-style-type: none"> <li>38 – Position Account</li> </ul>	452	Integer	38
→ Pty					

## Position Report – Large Options Positions Report Snapshot

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	ID	Firm number <i>If a listed option position is submitted by a non-OCC firm, the OCC CM# where the position is held will be provided.</i>	448	String	00773
	R	Party role: ■ 4 – OCC clearing firm	452	Integer	4
<b>→ Pty</b>					
	ID	Account number	448	String	1234512345
	R	Party role: ■ 89 – Large Options Positions Reporting account	452	Integer	89
<b>→ → Sub</b>					
	ID	Account name (firm or customer)	523	String	ABC Clearing, LLC
	Typ	Type: ■ 5 – Full legal name of firm	803	Integer	5
<b>→ → Sub</b>					
	ID	Account street address	523	String	17 State Street
	Typ	Type: ■ 37 – Street address	803	Integer	37
<b>→ → Sub</b>					
	ID	Account address city	523	String	New York
	Typ	Type: ■ 34 – Account address city	803	Integer	34
<b>→ → Sub</b>					
	ID	Account address state	523	String	NY
	Typ	Type: ■ 35 – Account address state	803	Integer	35
<b>→ → Sub</b>					
	ID	Account address postal code	523	String	10333
	Typ	Type: ■ 36 – Account address postal code	803	Integer	36
<b>→ Pty</b>					

## Position Report – Large Options Positions Report Snapshot

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	ID	Tax number	448	String	555-55-1234
	Src	Tax number type: <ul style="list-style-type: none"> <li>■ 7 – Social Security number</li> <li>■ 8 – Employer tax ID</li> <li>■ J – Foreign tax ID</li> </ul>	447	Char	7
	R	Party role: <ul style="list-style-type: none"> <li>■ 5 – Investor ID</li> </ul>	452	Integer	5
<b>→ → Sub</b>					
	ID	Branch ID	523	String	0313
	Typ	Type: <ul style="list-style-type: none"> <li>■ 31 – Location</li> </ul>	803	Integer	31
<b>→ Pty</b>					
	ID	Country of origin	448	String	US
	Src	<ul style="list-style-type: none"> <li>■ E – ISO country code (<a href="https://www.iso.org/obp/ui/#search">https://www.iso.org/obp/ui/#search</a>)</li> </ul>	447	Char	E
	R	Party role: <ul style="list-style-type: none"> <li>■ 75 – Location ID</li> </ul>	452	Integer	75
<b>→ Pty</b>					
	ID	CRD number	448	String	987654
	R	Party role: <ul style="list-style-type: none"> <li>■ 82 – Central Registration Depository</li> </ul>	452	Integer	82
<b>→ Pty</b>					
	ID	In Concert Group ID	448	String	031300680
	R	Party role: <ul style="list-style-type: none"> <li>■ 87 – In Concert Group</li> </ul>	452	Integer	87
<b>→ Pty</b>					
	ID	In Concert controlling entity name	448	String	AAA Partners, LLC
	R	Party role: <ul style="list-style-type: none"> <li>■ 88 – In Concert controlling entity</li> </ul>	452	Integer	88
<b>→ Instrmt</b>					
	Sym	Symbol	55	String	IBM

## Position Report – Large Options Positions Report Snapshot

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
	SecTyp	Security type: <ul style="list-style-type: none"> <li>■ OPT – Option</li> <li>■ WAR – Warrant</li> </ul>	167	String	OPT
	SubTyp	Security subtype: <ul style="list-style-type: none"> <li>■ ETO – Exchange traded option</li> <li>■ OTC – Over the counter</li> </ul>	762	String	ETO
	Prod	Product: <ul style="list-style-type: none"> <li>■ 4 – Currency</li> <li>■ 5 – Equity</li> <li>■ 6 – Government (debt)</li> <li>■ 7 – Index</li> </ul>	460	Integer	5
	MMY	Maturity Month Year of the original expiration date (YYYYMMDD)	200	MonthYear	20241122
	StrkPx	Strike price	202	Price	22.5
	PutCall	Put or call: <ul style="list-style-type: none"> <li>■ 0 – Put</li> <li>■ 1 – Call</li> </ul>	201	Integer	1
	ExerStyle	Exercise style: <ul style="list-style-type: none"> <li>■ 0 – European</li> <li>■ 1 – American</li> </ul>	1194	Integer	1
<b>→ → Evt</b>					
	EventTyp	Event type: <ul style="list-style-type: none"> <li>■ 5 – Activation date / original effective date</li> </ul>	865	Integer	5
	Dt	Activation date	866	LocalMktDate	2024-03-24
<b>→ HedgeInst</b>					
<i>The Hedge Instrument block is only included to represent a Hedge Instrument on a listed option or OTC option. If the Hedge Instrument block is used to report a Hedge Instrument, the above MMY, StrkPx and PutCall tags are excluded.</i>					
	Sym	Hedge Instrument symbol	55	String	IBM
	SecTyp	Security type: <ul style="list-style-type: none"> <li>■ CS – Equity (common stock)</li> <li>■ FUT – Future</li> </ul>	167	String	CS
	MMY	Maturity Month Year of the original expiration date (YYYYMMDD), required for futures only	200	MonthYear	20241121
<b>→ PosUnd</b>					
<i>The Underlying block represents information for the primary deliverable of the listed option or OTC option.</i>					

## Position Report – Large Options Positions Report Snapshot

Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
<b>→ → Undly</b>					
	Sym	Underlying symbol	311	String	IBM
	Qty	Underlying quantity (shares per contract)	879	Qty	100
<b>→ Qty</b>					
	Typ	Quantity type: ■ FIN – End of day	703	String	FIN
	Long	Long contract quantity (share quantity if Hedge Equity)	704	Qty	0
	Short	Short contract quantity (share quantity if Hedge Equity)	705	Qty	250
	CvrdQty	Covered quantity (included for options only)	1654	Qty	120
	QtyDt	Effective date of position	976	LocalMktDate	2024-09-10
<b>→ Qty</b> <i>Qty block for Intraday Qty is present for OTC options only.</i>					
	Typ	Quantity type: ■ ITD – Intraday	703	String	ITD
	Long	Long contract quantity	704	Qty	0
	Short	Short contract quantity	705	Qty	300
	CvrdQty	Covered quantity (included for options only)	1654	Qty	120
	Txt	Correction text supplied only for Delete requests to indicate the LOPR was zeroed out for correction purposes	58	String	Incorrect Acct Type

## Explanation of Selected Data Fields – LOPR Snapshot

- **Report ID** – The report ID is required by FIX for the Position message. OCC supplies the value, which is unique per message for each Clearing Business Date.
- **Request Type** – Identifies the Position Report as a Large Options Positions Report. Value is always “8” for LOPR.
- **Clearing Business Date** – The OCC business date.
- **Firm Number** – The firm reporting the LOPR to OCC is shown in this field. If the firm reporting the LOPR is a non-OCC Clearing Member, the OCC Clearing Member number where the position is held is provided in another party block. If an OCC Clearing Member reported the LOPR, only one firm number is present. OCC Clearing Member numbers are all numeric and described with a Party Role value of “4”, while Non-OCC firm values are alphanumeric and described with a Party Role of “7”.
- **Account Type** – Account where the position is held. If a non-OCC firm submitted the LOPR, the account type is “C” for Customer. Other values are “F” for Firm and “M” for Market Maker.
- **Aggregation Unit** – The means to distinguish between different approved aggregation units within a firm. The value provided is not validated. If an Aggregation Unit exists for a particular account, the Aggregation Unit is required and should be included in the LOPR Submission. However, if no Aggregation Unit exists for a particular account, do not include it on the LOPR Submission.
- **Account Number, Name, Address, City, State, and Postal Code** – These are all string values that are attached to the particular LOPR. If the address relates to a foreign country (outside the U.S.) and the State and Postal Code are not applicable, the fields may be excluded.
- **Country of Origin** – The country where the account address is located. For the United States, US should be used. For foreign countries (outside the U.S.) refer to this site, and use the Alpha-2 code listed: [Online Browsing Platform \(OBP\) \(iso.org\)](https://www.iso.org/online-browsing-platform)
- **Tax Number/Type** – The number used on the account for tax purposes, whether foreign or domestic, and the value used to describe it.
- **Branch ID** – The branch of the account.
- **CRD (Central Registration Depository)** – If a CRD exists for a particular account, it is required. However, if no CRD exists for a particular account, it should be excluded on the LOPR Submission. This field may not be present.
- **In Concert Group ID/In Concert Controlling Entity** – If an account within an In Concert Group is found on OCC’s In Concert database, this ID and respective controlling entity are attached to the LOPR. If no account is found, these fields are excluded on the LOPR message.
- **Security SubType** – This field is present when the Security Type is options (OPT). Security SubType is not present for warrants (WAR).
- **Maturity Month Year/Strike Price** – These fields are the series/contract date and strike of the option. OCC validates the series/contract date and strike against its series Reference Data for listed exchange traded options (ETO). OCC does not have OTC option series/contract information and therefore OCC only validates that the series/contract date is not older than the T-5 business days period on OTC option series. These fields are supplied by OCC for warrants (WAR).



- **Underlying Symbol/Quantity** – The underlying block is present for listed options and OTC options. The underlying block represents the primary deliverable symbol of the option. For Debt Options, the underlying symbol defaults to a predefined value, “TRSYXX”.
- **Put or Call/Exercise Style** – These fields are present when the Security Type is options (OPT). These fields are not present for warrants (WAR) or an equity hedge (CS).
- **Activation Date** – The date provided in this field, described by the Event Type of “5”, is the Original Effective Date that was supplied by the submitting firm when the LOPR was first added to the database. Although the Effective Date itself may change due to quantity modifications, this date remains the same as long as the LOPR is on OCC’s database.
- **Hedge Symbol/Security Type/Maturity Month Year** – The Hedge Instrument block fields are only present if the submitting firm is reporting a Hedge Instrument. If the Hedge Instrument is a future (FUT), then the contract expiration date is present in the Hedge Instrument Maturity Month Year field. If the Hedge Instrument is an equity (CS), the Maturity Month Year field is excluded. Additionally, if the firm is reporting a Hedge Instrument, only the option class should be reported in the Instrument block. Specific series information (strike, put/call, expiration date) are omitted.
- **Effective Date of the Position** – The business date that the position was affected due to trade, post trade, exercise, assignment, etc. For LOPR Submissions, the Effective Date must be within the T-5 business days period.
- **End of Day Quantity Long/Short** – There are final Long and Short quantities for each LOPR, even if the values are zero. If both Long and Short quantities are zero, that indicates the firm is closing the position. The position may be closed for correction purposes (Correction Text is present in the message) or simply closed out (Correction Text is not present).
- **Covered Short Quantity** – This field is present for short positions in listed options and OTC options. The Covered Short Quantity identifies the portion of the short position that is covered by the underlying security. The amount is equal to or less than the total short quantity. If the entire short position is uncovered, the Covered Short Quantity is zero. For warrants, hedge future and hedge equity this field is not present. For OTC options, the Covered Quantity for the intraday short is also included.
- **Intraday Quantity Long/Short** – There are intraday Long and Short quantities for each LOPR on OTC options. OCC replaces the intraday position quantity with zero on any OTC carry-over positions to indicate that the intraday position reported did not occur on that day. If the LOPR Submission is not for an OTC option, this Quantity block is not present.
- **Correction Text** – If the LOPR is deleted for correction purposes, the submitting firm uses this field to provide a reason for the correction. The value provided by the submitting firm is passed on to this field.

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# In Concert Group Snapshot Layout

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A file of In Concert Group messages is a “snapshot” of all In Concert accounts known to OCC for a specific firm. The file is available to clearing firms, non-member submitters, and service providers. The snapshot contains In Concert accounts specific to the firm or submitter and does not include rejected submissions.

OCC uses the Registration Instructions Response message to send the In Concert Group Snapshot to firms. This chapter provides the layout to use when creating an In Concert Group Snapshot:

- Message Layout – In Concert Group Snapshot
- Explanation of Selected Data Fields – LOPR Snapshot

For general information about the In Concert Group Snapshot, see the “Reporting of Accounts Acting In Concert” chapter in this document.

## Message Layout – In Concert Group Snapshot

This layout uses 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.

Registration Instructions Response – In Concert Group Snapshot					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
RgstInstrctnsRsp					
	ID	Registration ID	513	String	000123
	TransTyp	Registration transaction type: <ul style="list-style-type: none"> <li>0 – New (Add)</li> </ul>	514	Char	0
	RefID	Reference ID	508	String	000012
	RegStat	Registration status: <ul style="list-style-type: none"> <li>H – Held</li> </ul>	506	Char	H
→ Pty					
	ID	Firm number	448	String	00773
	R	Party role: <ul style="list-style-type: none"> <li>4 – OCC clearing firm</li> <li>7 – Entering firm (non-OCC clearing firm)</li> </ul>	452	Integer	4
→ Pty					
	ID	Tax number	448	String	555-55-1234
	Src	Tax number type: <ul style="list-style-type: none"> <li>7 – Social Security number</li> <li>8 – Employer tax ID</li> <li>J – Foreign tax ID</li> </ul>	447	Char	7
	R	Party role: <ul style="list-style-type: none"> <li>5 – Investor ID</li> </ul>	452	Integer	5
→ → Sub					
	ID	Branch ID	523	String	0313
	Typ	Type: <ul style="list-style-type: none"> <li>31 – Location</li> </ul>	803	Integer	31

Registration Instructions Response – In Concert Group Snapshot					
Report/Component Block	Field Name	Data/Enumerations	FIX Tag	Data Type	Sample
→ Pty					
	ID	Account number	448	String	123451234A
	R	Party role: <ul style="list-style-type: none"> <li>89 – Large Options Positions Reporting account</li> </ul>	452	Integer	89
→ Pty					
	ID	In Concert group ID	448	String	031300680
	R	Party role: <ul style="list-style-type: none"> <li>87 – In Concert group</li> </ul>	452	Integer	87
→ Pty					
	ID	In Concert controlling entity name	448	String	AAA Partners, LLC
	R	Party Role <ul style="list-style-type: none"> <li>88 – In Concert controlling entity</li> </ul>	452	Integer	88

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## Explanation of Selected Data Fields – In Concert Group Snapshot

- **Registration ID** – The registration identifier is unique per submission for each Clearing Business Date.
- **Firm Number** – The firm reporting the LOPR to OCC. OCC Clearing Member numbers are all numeric and described with a Party Role value of “4”, while non-OCC firm values are alphanumeric and described with a Party Role of “7”.
- **In Concert Group ID** – In Concert Group IDs are added to the appropriate LOPR to indicate accounts acting In Concert. Every LOPR has a Firm Number/Submitter/Account Number combination. If the Firm Number/Submitter/Account Number combination on a LOPR matches that of an existing In Concert Group on file at OCC, then OCC attaches the In Concert Group ID to that LOPR.
- **In Concert Controlling Entity Name** – Name of the controlling entity for an In Concert Group.

# Revision History

Edition	Date	Edition Updates
1.0	11/29/2022	Initial edition.
1.1	2/16/2024	<ul style="list-style-type: none"><li data-bbox="641 432 1442 485">■ In the "What's New With the Ovation Platform?" section, updated the DDS Output Changes table as follows:<ul style="list-style-type: none"><li data-bbox="667 499 1442 552">● Removed reference to treatment of insignificant white space characters.</li><li data-bbox="667 567 1442 619">● Removed descriptions of LOPR submission changes for corporate actions.</li></ul></li><li data-bbox="641 634 1442 709">■ In the "Large Options Positions Reporting Submissions" section, updated the description of information OCC purges for LOPRs impacted by corporate actions.</li></ul>