



MVT Member Trade Data File

Interface Specification

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Document History

Version	Date	Change Description
1.0	20/02/2026	Initial version
1.1	10/04/2026	General updates regarding Inbound folder details. Footnote added regarding IP addresses and ports. Field delimiter details added to section 4.

Legal Disclaimer

This Interface Specification is a technical document that defines the technical standards, file structure, and delivery mechanism for the outbound MVT Member Trade Data file and should be read in conjunction with Consultation Notice 25/083 and Decision Notice 25/149. It does not form part of the LME Rules and Regulations. In the event of any inconsistency, the LME Rules and Regulations and any applicable Notices prevail.

The LME is not responsible for the accuracy, completeness, formatting, or integrity of any data submitted or uploaded by Members via the MVT trade data interface. Members remain solely responsible for validating, maintaining, and controlling all such data. The LME may update or amend this document at any time.

1 Introduction

This Interface Specification defines the technical standards, file structure, and delivery mechanism for the MVT Member Trade Data files issued by the London Metal Exchange (LME) as part of the Minimum Volume Threshold (MVT) monitoring framework. It explains how the outbound file is generated, delivered, and structured, enabling Members to correctly retrieve and interpret the data contained within it, and how to return a populated file via the inbound response process.

This document should be read in conjunction with the Adhering to Block Rules: Post-Trade Monitoring, Blocks Guidance, and Examples to Support the Blocks Guidance, available [here](#) on LME.com. This Interface Specification focuses strictly on the technical aspects of file delivery, structure, and usage.

2 How to Use This Specification

This specification provides Members with the technical information required to receive, identify, and process the outbound MVT Trade Data file made available via SFTP and respond via the inbound response process. It outlines the file naming conventions, folder structure, attribute definitions, and the Member-response fields included for completion.

An MVT Trade Data file will be made available to Members during the first week of each month—or on an ad-hoc basis—whenever a sample of their inter-office trading activity is selected for review. When a file is published, an e-mail notification will be sent to the Member's compliance team, advising that the file is available for download.

Using this specification, Members should:

1. Locate and download the MVT Trade Data file from the designated SFTP directory (the outbound process).
2. Interpret the file format and attributes using the definitions provided in the CSV Format section.
3. Populate the Member-response fields included in the file (left blank in outbound files), following the separate rule-based guidance published by the LME (see *Section 1* for links to documents).
4. Prepare the completed file for submission depositing the file in the designated SFTP directory (the inbound process).

3 SFTP Location

The MVT Member Trade data file will be made available to all members in the following public SFTP location¹:

MVT/outbound

The completed MVT Member Trade data file should then be placed in the following public SFTP location:

MVT/inbound

3.1 Naming Convention

3.1.1 MVT Trade Data Report File - Outbound Process.

The CSV files will have the following naming convention:

MNEMONIC_MVT_Trade_Data_Report_DDMMYYYY_HHMMSS.csv

Where:

Member Mnemonic = 3 letter Member Mnemonic

File Description = MVT_Trade_Data_Report

Creation Date = DDMMYYYY (Business date on which the file has been created)

Creation Timestamp = HHMMSS (Time when the file has been created)

Extension type = CSV

For example:

Monthly Report File: *ABC_MVT_Trade_Data_Report_06012025_091245.csv*

¹ Details of the necessary IP addresses and Ports for the above SFTP services can be found in the latest LME Systems Connectivity Guide, which is available on the LME website <https://www.lme.com/Trading/Systems> (login details required)

3.1.2 MVT Trade Data Report File - Inbound Process.

The inbound file name should be the same format as the file received during the outbound process but with an incrementing version appended before the file extension.

For example:

Monthly Report Response File: *ABC_MVT_Trade_Data_Report_06012025_091245_v1.csv*

The regex for the expected response file name is:

```
^[A-Za-z]{3}_MVT_Trade_Data_Report_\d{8}_\d{6}_v\d+\.csv$
```

3.1.2.1 Ack / Nack

If either the file name is in the wrong format, or any rows within the file are deemed invalid, then the Member will receive a .nack file, named identically to the response file, but with .nack appended.

For example:

Monthly Report Response File NACK:

ABC_MVT_Trade_Data_Report_06012025_091245_v1.csv.nack

If both the file name and the file contents are deemed valid, then the Member will receive an .ack file, named identically to the response file, but with .ack appended

For example:

Monthly Report Response File ACK:

ABC_MVT_Trade_Data_Report_06012025_091245_v1.csv.ack

ACK/NACK files will appear in the Member's MVT/outbound directory

3.2 File Size

It is expected that the MVT Member Trade Data file size will be a 100-200KB every month.

3.3 Housekeeping

The SFTP outbound folder will accrue at least 7 months of files. Note, housekeeping uses the file date stamp and not the business date in the file name.

An empty file will be available in case no input is required for the month. This report will be available in the MVT/outbound area.

The MVT/inbound location will be polled periodically and the file ingested.

4 CSV Format

Attribute Name	Type	Description
Report Id	Big Int	Uniquely Identified Sequence Number to identify MVT reported trade (Used in both inbound & outbound file).
Business Date	string	Business Date of the Trade. YYYY-MM-DD
Trade Date	string	Trading Date. YYYY-MM-DD
Matching Reference Number	string	Unique match number assigned to the matched Trade by LMEsmart.
Venue	string	Trading Venue as populated in LMEsmart during execution.
Contract	string	A unique code to identify the contract e.g. PBDF, MCDF
Volume	int	Trading Volume.
Prompt	string	Prompt Date of the contract, YYYY-MM-DD
Price	decimal	Traded Price, 10-digit price with 6 decimal places. e.g. 0.881165
Leg Count	int	Total number of Legs on the Trade. 0 – for outright >1 – for multiple legs.
Leg Number	int	Leg number NULL – for outright >0 – for multiple legs.
Trade Time	string	Time of the trade, YYYY-MM-DD HH:MM:SS
MVT Exception Reason	string	Null for Outbound. For Inbound files, this field is mandatory and populated by the Member in accordance with the guidance issued in Adhering to Block Rules.
Response Select Order ID	string	LMeselect execution Select Order ID ² . Can contain multiple values delimited by a semicolon

² Referred to in OTP as Order ID (Fix Tag 37) and in LMEsmart as Select Order Number (Fix Tag 5939)

Attribute Name	Type	Description
		e.g. 26132010000000020; 26132010000000021 Null for Outbound. For Inbound files, this field is populated by the Member in accordance with the guidance issued in Adhering to Block Rules.
Response Matching Reference Number	string	Matching Reference Number Can contain multiple values delimited by a semicolon e.g. 2026033000054321;2026033000054322 Null for Outbound For Inbound files, this field is populated by the Member in accordance with the guidance issued in Adhering to Block Rules.
Supporting Evidence Provided	string	Possible Values – Y/N Null for Outbound For Inbound files, this field is populated by the Member in accordance with the guidance issued in Adhering to Block Rules

5 CSV Examples: Outbound Process

5.1 Outright Trade below Minimum Value Threshold

Report ID	Business Date	Trade Date	Matching Reference Number	Venue	Contract	Volume	Prompt	Price	Leg Count	Leg Number	Trade Time	Initiating Matching Reference Number	Initiating Select Order ID	MVT Exception Reason	Supporting Evidence
138321	30/03/2026	30/03/2026	2026033000123456	InterOffice	CADF	3	15/04/2026	12169.1	0		30/03/2026 15:57				

6 CSV Examples: Inbound Process

6.1 Outright Trade below Minimum Value Threshold.

Report ID	Business Date	Trade Date	Matching Reference Number	Venue	Contract	Volume	Prompt	Price	Leg Count	Leg Number	Trade Time	Initiating Matching Reference Number	Initiating Select Order ID	MVT Exception Reason	Supporting Evidence
138321	30/03/2026	30/03/2026	2026033000123456	InterOffice	CADF	3	15/04/2026	12169.1	0		30/03/2026 15:57	2026023010000320;2026023010000321		Sub-Account Split (where Client trade is above MVT and split below MVT)	N