



To: All Members, warehouse companies and their London agents and other interested parties

Ref: 25/145 (LME Notice Reference)  
25-029 (LME Clear Circular Reference)

Classification: Technical

Date: 12 August 2025

Subject: **LME AND LME CLEAR SYSTEMS DATA CENTRE FAILOVER AND CONNECTIVITY TEST SCHEDULE**

## Summary

1. This notice (the “**Notice**”) advises members and other market participants of the planned Data Centre (“DC”) Failover and connectivity test of LME and LME Clear production services, scheduled on 6 and 7 September 2025.

## Background

2. The London Metal Exchange (“LME”) is scheduling a failover and connectivity test of LME and LME Clear production services in the primary data centre (“DC 1”) and secondary data centre (“DC 2”) on **Saturday 6 September** and **Sunday 7 September 2025**. The failover test is designed to simulate a full outage of DC 1 with all services temporarily switched to operate from the DC 2 to ensure resilience of key services and verifies participants connectivity during a disaster recovery scenario.

## Data Centre Failover and Connectivity Test

3. On the scheduled dates, production services will be available for participants to conduct connectivity tests at the respective data centres, as outlined in section 8. Following these tests, production services will continue to operate from DC 1 until further notice (as per current state).
4. During the **DC 2 connectivity test window** on **Saturday, 6 September 2025**, members and market participants **must use their LME net connections** to access LME systems and perform connectivity tests. **Access via CDC cross connect connections will not be available during this period.** Additionally, participants connected to our DC 1 facility will experience a temporary loss of connectivity (both CDC and LME net) during the scheduled failover window. Please disregard any monitoring or connectivity alerts during this time, as they are expected and part of the test.
5. During the **DC 1 connectivity test window** on **Sunday, 7 September 2025**, members and market participants may use **either LME net or CDC cross connect connections** to access LME systems and conduct their tests.
6. Participants should ensure that connectivity to both data centres is provisioned within their LAN environments (e.g., appropriate routing and firewall rules) and can successfully connect to both data centres. For clarity, participants using the LME Domain Name Service (DNS) and accessing systems via Fully Qualified Domain Names (FQDNs) do not need to make any changes, provided firewall permissions allow access to both data centres.



7. As highlighted in LME Notice 23/084, the LME is considering a future approach where all production services are periodically operated from DC2. The LME will engage further with market participants on this proposal in due course.

## Schedule

8. The DC failover test and changeover schedule is as follows:

### 8.1 Saturday, 6 September 2025

System	Data Centre switch	Connectivity Test Window	Test Window	Test Support Contact Details
LMEselect	DC 1 – DC 2	Yes	16:00 until 18:00 (UK time)	<a href="mailto:itservicedesk@lme.com">itservicedesk@lme.com</a>
LMEsource	DC 1 – DC 2	Yes		
LMEsmart	DC 1 – DC 2	Yes		
LMEsword	DC 1 – DC 2	Yes		
LME – SFTP	DC 1 – DC 2	Yes		
LMEclear – SFTP	DC 1 – DC 2	Yes		
LME – SFTP (Public)	DC 1 – DC 2	Yes		
LME SFTP (UDG)	DC 1 – DC 2	Yes		
LMEprism (GUI and SFTP)	DC 1 – DC 2	Yes	N/A	
LMEtrader GUI	DC 1 – DC 2	No		see para 11
LMEptrm GUI	DC 1 – DC 2	No		see para 11
LMEmercury	DC 1 – DC 2	No		see para 16
LMEbullion	DC 1 – DC 2	No		see para 17

### 8.2 Sunday, 7 September 2025

System	Data Centre switch	Connectivity Test Window	Test Window	Test Support Contact Details
LMEselect	DC 2 – DC 1	Yes	14:00 until 16:00 (UK time)	<a href="mailto:itservicedesk@lme.com">itservicedesk@lme.com</a>
LMEsource	DC 2 – DC 1	Yes		
LMEsmart	DC 2 – DC 1	Yes		
LMEsword	DC 2 – DC 1	Yes		
LME – SFTP	DC 2 – DC 1	Yes		
LMEclear – SFTP	DC 2 – DC 1	Yes		
LME – SFTP (Public)	DC 2 – DC 1	Yes		
LME SFTP (UDG)	DC 2 – DC 1	Yes		
LMEprism (GUI and SFTP)	DC 2 – DC 1	Yes	N/A	
LMEtrader GUI	DC 2 – DC 1	No		see para 11
LMEptrm GUI	DC 2 – DC 1	No		see para 11
LMEmercury	DC 2 – DC 1	No		see para 16
LMEbullion	DC 2 – DC 1	No		see para 17

## Trading platform Failover Test Schedule

9. On **Saturday, 6 September 2025** from 16:00 until 18:00 (UK time), a two-hour connectivity test window will be provided for all **LMEselect** and **LMEsource** participants to connect to DC 2.
10. On **Sunday, 7 September 2025**, **LMEselect** and **LMEsource** will be switched back to **DC 1**, and a two-hour connectivity test window will be provided from **14:00 to 16:00 UK time** for all participants to verify connectivity in preparation for the start of trading on Monday, 8 September 2025.



11. No connectivity testing will be taking place for **LMEtrader** and **LMEptrm GUI**. In the event of any connectivity issues on Monday 8 September 2025, participants should contact Trading Technologies (TT) via the TT in application help support menu or support portal <https://www.tradingtechnologies.com/resources/support/>.
12. The LME requires all members to participate in the testing of LMEselect and LMEsource to validate their ability to connect to these systems and associated services when operating in a single data centre configuration. Failure to participate may result in an inability to access LMEselect and LMEsource in the unlikely event of a data centre failover.
13. Non-member market participants of LMEselect, and LMEsource are also strongly encouraged to take part in this scheduled failover test.

#### **Other LME and LME Clear services Failover Test Schedule**

14. On **Saturday, 6 September 2025**, from 16:00 to 18:00 UK time, a two-hour connectivity test window will be available for participants to connect to **LMESmart, LMESword, LME – SFTP, LMEclear – SFTP, LME – SFTP (Public), LME SFTP (UDG)** and **LMEprism** following services in DC 2, as outlined in Section 8.
15. On **Sunday, 7 September 2025**, these services will be switched back to DC 1, and a two-hour connectivity test window will be provided from 14:00 to 16:00 UK time for participants to verify connectivity ahead of market open on Monday, 8 September 2025.
16. No connectivity testing available for **LMEmercury**. In case of any connectivity issues on Monday, 8 September 2025, participants should contact the LME Clear Operations team at [imeclear.operations@lme.com](mailto:imeclear.operations@lme.com).
17. No connectivity testing available for **LMEbullion**. For any connectivity issues on Monday, 8 September 2025, participants should contact the LME Benchmark Pricing team at [Benchmark.Pricing.Function@lme.com](mailto:Benchmark.Pricing.Function@lme.com).
18. All participants using the above LME and LME Clear services are strongly encouraged to take part in the data centre failover test weekend to ensure readiness for live service on the following Monday.

#### **Action Required**

19. Members and other market participants are required to return the completed questionnaire as outlined in **Appendix 1** of this Notice, via email to [TAM@lme.com](mailto:TAM@lme.com) and [RM@lme.com](mailto:RM@lme.com), by Friday 22 August 2025.
20. Following the connectivity tests in **DC 1** and **DC 2**, all participants are required to complete and return the table on the respective test days, as outlined in **Appendix 2** of this Notice, via email to [TAM@lme.com](mailto:TAM@lme.com) and [RM@lme.com](mailto:RM@lme.com).

#### **Connectivity Test, IP Address and Support Details**

21. Details of permitted activities and expected behaviour during the connectivity test windows in DC 1 and DC 2 are provided in **Appendix 3** of this Notice. Please note that the activities and expected behaviour differ between LMEselect and LMEsource services depending on the data centre.
22. The connectivity test window in both DC 1 and DC 2 will be supported by the LME technical teams, who will be available to assist throughout the testing process. For any questions or issues during the failover test, please email [itservicedesk@lme.com](mailto:itservicedesk@lme.com).



23. Details of the necessary IP addresses and Ports for both data centres 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).
24. Please note that the timing of the connectivity test windows is approximate and may be subject to delays in the event of unforeseen technical issues. All participants will be kept informed of any such developments via email communication.
25. Any queries regarding this Notice should be directed to LME Technical Account Management team at [TAM@lme.com](mailto:TAM@lme.com).

**Abhinav Jain**  
**Senior Technical Account Manager**

cc: Board directors



### Appendix 1

System	Participate in Connectivity Test (Yes / No / N.A.)	Contact details of Team / Individual(s) conducting connectivity test		
		Contact Name	Email Address	Phone Number
LMEselect				
LMEsource				
LMEsmart				
LMEsword				
LME – SFTP				
LMEclear – SFTP				
LME SFTP (UDG)				
LME – SFTP (Public)				
LMEprism (GUI and SFTP)				
<b>Additional Questionnaire</b>				
Ensure IT/Network resources available for troubleshooting during connectivity test window (Yes / No)				
If using a connectivity provider, please confirm you have support from Connectivity Provider for troubleshooting during connectivity test window (Yes / No)				
If using ISV (Independent Software Vendor), please confirm whether yourself or ISV will conduct the connectivity test?				

### Appendix 2

System	Tested during Connectivity Test (Pass / Fail / N.A.)	Comments
LMEselect		
LMEsource		
LMEsmart		
LMEsword		
LME – SFTP		
LMEclear – SFTP		
LME SFTP (UDG)		
LME – SFTP (Public)		
LMEprism (GUI and SFTP)		



### Appendix 3

System	Data Centre	Permitted Activities / Expected Behaviour During Connectivity Test
LMEselect v10	DC 2	<ul style="list-style-type: none"> <li>• Login allowed to both FIX and Binary Active gateway only</li> <li>• Order entry not allowed</li> </ul>
	DC 1	<ul style="list-style-type: none"> <li>• Telnet test only to LMEselect Active and/or Standby gateway using the IP Addresses only. A “Welcome to LMEselect10” message will confirm successful Telnet test. Note, use of gateway FQDN/DNS are not allowed for Telnet test.</li> <li>• Login to gateways and order entry not allowed</li> </ul>
LMEsource v4	DC 2	<ul style="list-style-type: none"> <li>• Heartbeats received on all multicast channels</li> <li>• Login to Retransmission Service (RTS) allowed</li> <li>• List of the messages that will also be sent on Real Time and/or Refresh multicast channels:               <ul style="list-style-type: none"> <li>○ Outright Definitions (message type 301)</li> <li>○ Strategy Definitions (message type 302)</li> <li>○ Indicative Opening Price (message type 320) – No Values</li> <li>○ Order Book Clear (message type 327)</li> <li>○ Market State - Contract (message type 311)</li> <li>○ IntradayTradeStatistics (Message type 352)</li> <li>○ InstrumentState (message type 312)</li> <li>○ DR Signal (message type 105) – published every second on Real Time Channel only</li> </ul> </li> </ul>
	DC1	<ul style="list-style-type: none"> <li>• Heartbeats received only on electronic real-time multicast channels (111, 112, 113, 115, 116, 131, 132, 133, 135, 136)</li> <li>• Reference and market data not published</li> <li>• Login to Retransmission Service (RTS) not allowed</li> </ul>
LMEsmart (GUI and FIX)	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Logon screen displayed for GUI with login not allowed</li> <li>• Login allowed to FIX API with rejection response received</li> </ul>
LMEsword	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login allowed to GUI</li> </ul>
LME - SFTP	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login to SFTP allowed</li> </ul>
LMEclear – SFTP	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login to SFTP allowed</li> </ul>
LME SFTP (UDG)	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login to SFTP allowed</li> <li>• No files submissions allowed</li> </ul>
LME – SFTP (Public)	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login to SFTP allowed</li> </ul>
LMEprism (GUI and SFTP)	DC 2 and DC 1	<ul style="list-style-type: none"> <li>• Login allowed to both GUI and SFTP</li> <li>• No files submissions allowed</li> </ul>