

Sequence III Surveillance Panel Meeting

Teams

Wednesday March 18, 2026 3:00 – 4:00 PM EST

Agenda

1.0) Attendance

2.0) Approval of minutes

3.1) Minutes from 2/18/2026 Meeting

No objections, approved

3.0) Executive Summary

- The first IMTS IIIH rebuilt engine test was aborted 2nd week of March at IAR
- IMTS is building a second engine to run at IAR in late March
- T. Dvorak presented lab hone data as function of time as requested during previous SP meeting

4.0) IIIH Action Items

4.1) IMTS update – S. Clark

- S. Clark has been on site at IAR for the past 2 weeks
- The first engine built by IMTS ran 66 hours before being shutdown at the request of S. Clark due to high oil consumption
- Upon engine disassembly it was discover that,
 - The engine was assembled with 0.010” oversized rings to allow gap tailoring hone for blowby flow rate adjustment
 - The oil rails were not properly gapped which resulted in butting and damaging the rings
- IMTS is building a second engine 0.008” piston-oversize engine with wider oil rail gaps, with same expander and expect to start testing 3/19/2026
 - This engine build uses a fresh rebuild block (which technically the second run) with second run heads (these are the heads off the aborted run)
- Did the block twist after the second run?
 - The mandrel gage is tighter than it was before the test, but better than after completing a IIIH test as a new engine.

4.2) IIIH hone data presentation - T. Dvorak

- The presentation showed how lab’s hone data has shifted over time to give an indication of using surface finish to influence test severity

5.0) Next Meeting

Teams Meeting March 18, 2026 at 2:00 – 3:30 PM EST

6.0) Meeting Adjourned

Meeting Adjourned 3:30 PM EST

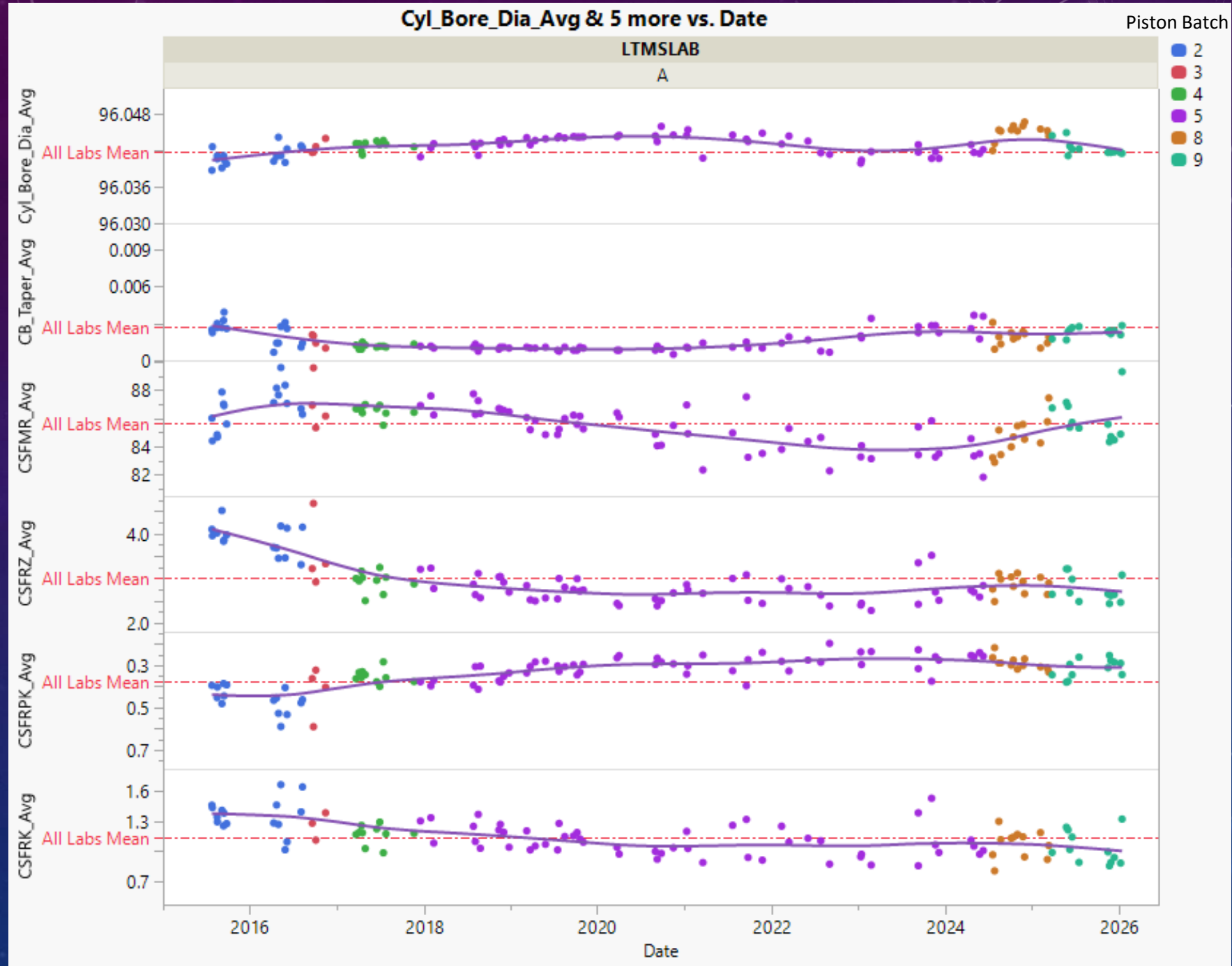
The background features a dark blue gradient with a subtle starry pattern. Overlaid on this are several semi-transparent circular gauges or dials. One large gauge on the left has a scale from 140 to 260 in increments of 10. Other smaller gauges are scattered across the scene, some with arrows indicating direction. The overall aesthetic is technical and futuristic.

IIH HONING DATA PLOTS BY LAB AND DATE

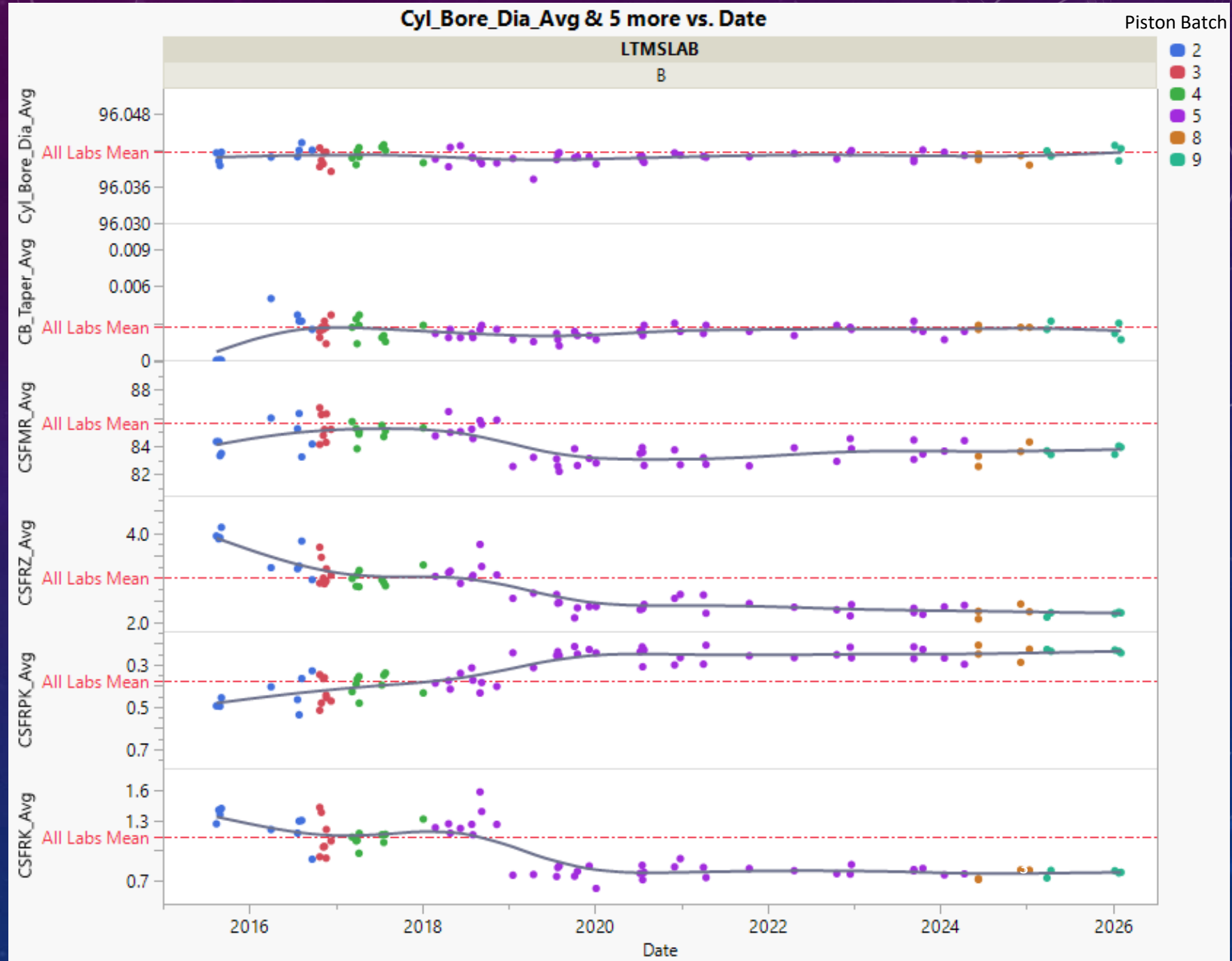
BY: TODD DVORAK

02-20-2026

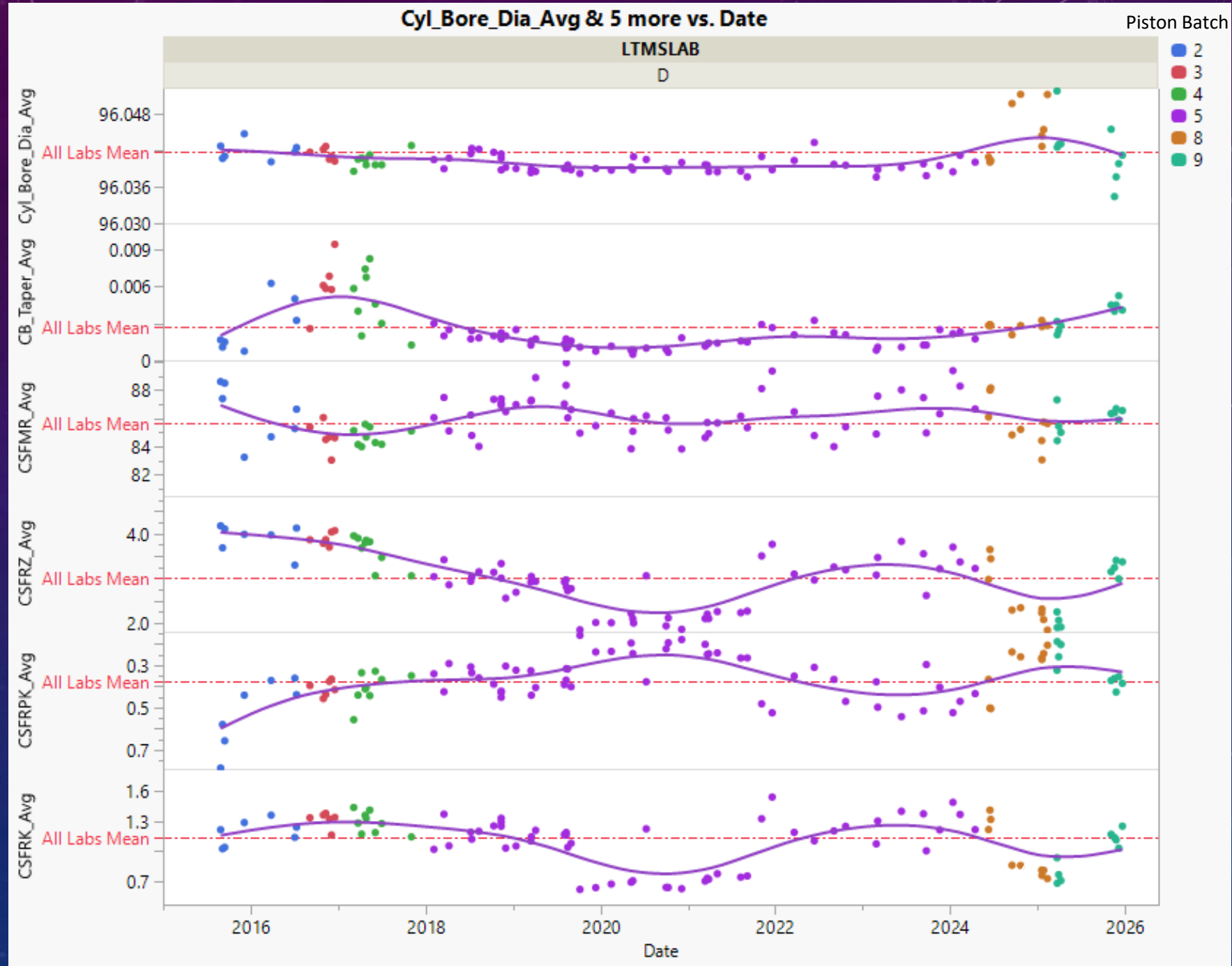
Lab A - Honing Data (Chart = "Y")



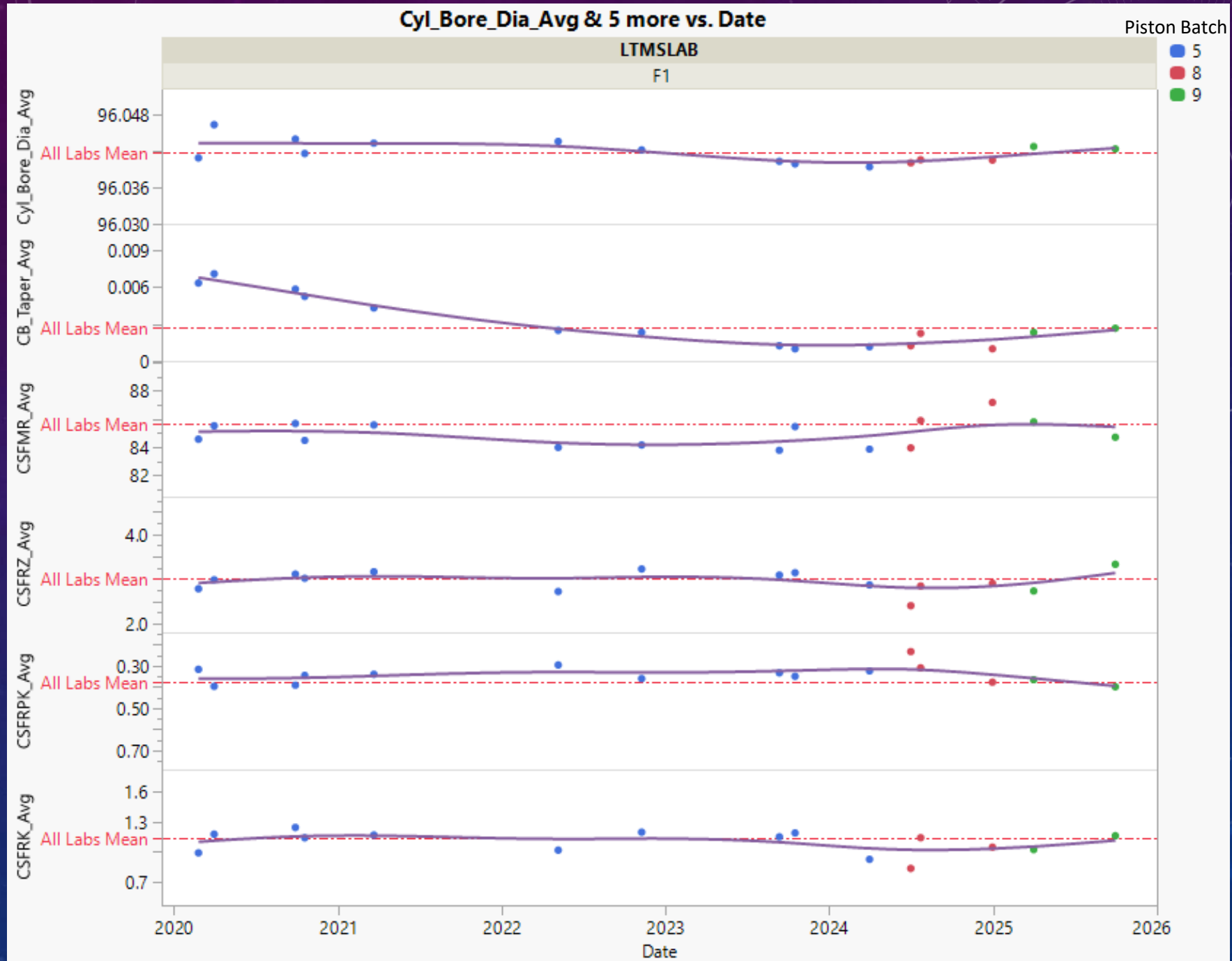
Lab B - Honing Data (Chart = "Y")



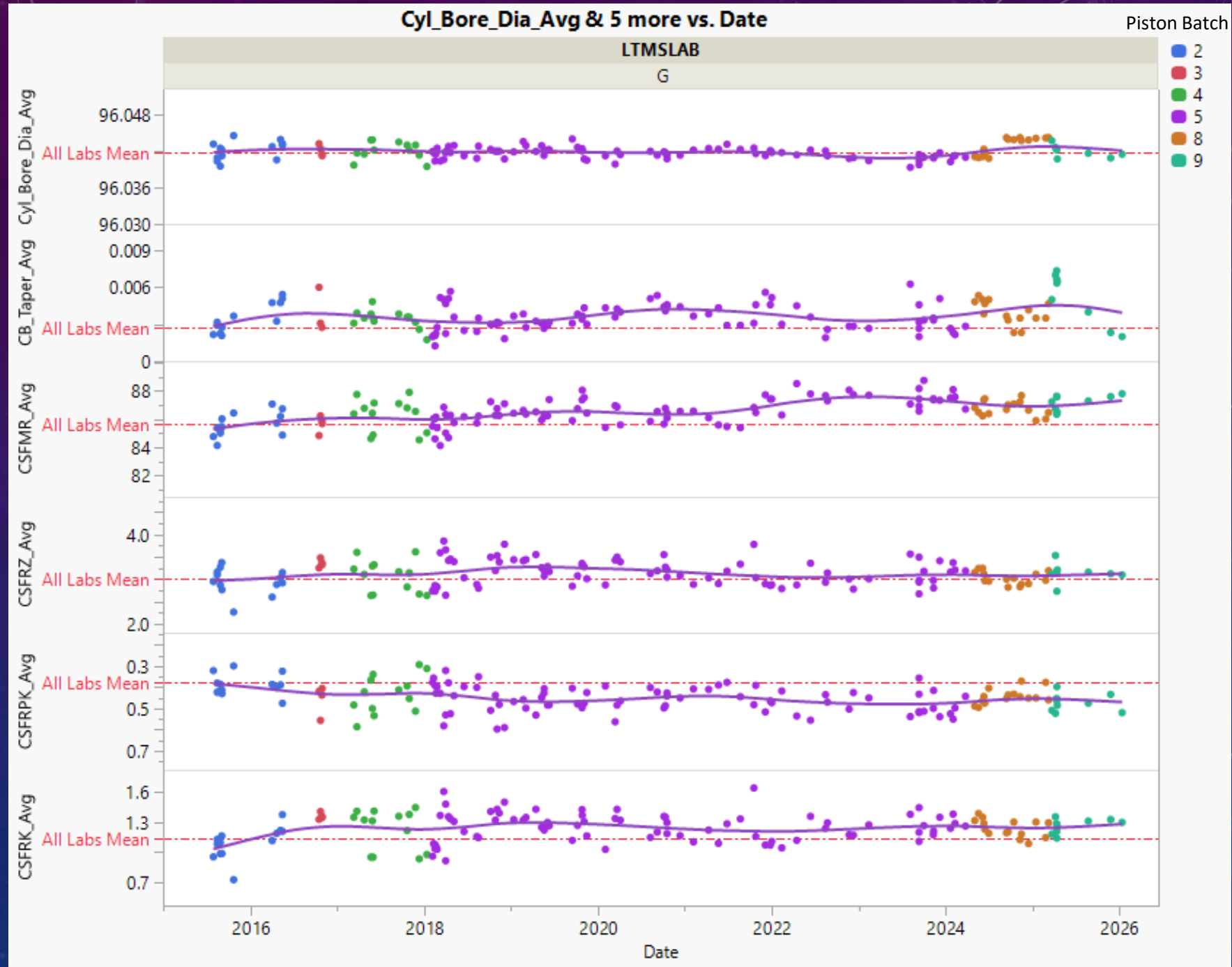
Lab D - Honing Data (Chart = "Y")



Lab F1 - Honing Data (Chart = "Y")



Lab G - Honing Data (Chart = "Y")



Name Email

Present - Voting Members:

Votes:

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Other Attendees:

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~~ROBERT H~~

Annamuelle Noye
