

Sequence III Surveillance Panel Meeting

Teams

Wednesday July 22, 2026 1:00 – 2:30 PM CST

Agenda

1.0) Attendance

2.0) Chairman Comments

Need an update for AOAP, timeline, checklist, etc.

- Robert to write something up and distribute for review

3.0) Approval of minutes

3.1) Minutes from 5/20/2026 Meeting

3.2) Minutes from 6/17/2026 Meeting

- Minutes approved

4.0) IIII Action Items

4.1) Fuel Update – Haltermann

- New fuel batch started July 20. 87,232 gallons in the tank with 43,000 gallons of it drawable. About 6 loads worth.

4.2) CPD Update - OHT

- No known issues
- Awaiting an ETA from supplier on ring hardware, pistons have been received.

4.3) Hardware Contract Team – Andrew

- When pistons, rings and other parts arrive the prove-out testing can begin
- Stats group has previously presented on prove-out testing matrix for this hardware to the contracts team
- Work has started on RFQ2
- Venkat asked about the piston prove-out and Andrew explained that it will be for multiple piston sizes from multiple suppliers.

4.4) IMTS update including machining timing – Dave

- All components ready for prove-out matrix with the exception of some Mopar parts
- Currently no definitive ETA on Mopar parts. More information should be known within the next week
- Specific issue is the torque-to-yield fasteners are needed
- Dave said IMTS will need 1-week to finish the machine work after the fasteners are received
- Will asked about torque plates and Dave said that IMTS could supply additional torque plates

4.5) The Surveillance Panel allowed the use of TMC reference oils for rebuild research testing with the agreement that the data would be shared. Does any lab have data they wish to share? – All

- No updates

4.6) Piston and Ring prove out testing discussion - All

- Andrew explained the following stats group recommended initial prove-out matrix:

The O&H panel discussed running a matrix something like the table below and we wanted to get feedback from Stats group. This would occur after IMTS finishes their own block prove-out at Intertek. (please note the lab letters are just for general discussion, they aren't reflecting the actual lab letters from TMC).

		Piston X						Piston Y					
		Lab A			Lab B			Lab C			Lab D		
Mandatory Tests	Test 1	RO 436	IMTS Block 1	1st Rebuild	RO 434-3	RO 436	IMTS Block 1	1st Rebuild	RO 436	IMTS Block 1	1st Rebuild	RO 434-3	1st Rebuild
	Test 2	RO 434-3		2nd Rebuild	RO 436		2nd Rebuild	RO 434-3		2nd Rebuild	RO 436		2nd Rebuild
PAUSE TO REVIEW DATA, SEE IF THERE IS OBVIOUS PISTON CHOICE AT THIS TIME OR IF MORE TESTS ARE NEEDED.													
Optional Additional Tests	Test 3	RO 434-3	IMTS Block 2	1st Rebuild	RO 436	IMTS Block 2	1st Rebuild	RO 434-3	IMTS Block 2	1st Rebuild	RO 436	IMTS Block 2	1st Rebuild
	Test 4	RO 436		2nd Rebuild	RO 434-3		2nd Rebuild	RO 436		2nd Rebuild	RO 434-3		2nd Rebuild

The goal is to look at 2 different piston/engine bore sizes and 2 different piston suppliers.

- It was explained that after the first two rows there would be a pause to review data and determine next steps. For example, a change might be for each lab to run each piston.
- Bob summarized that we will need to pick a piston, then have the large batch of pistons and rings produced, then determine the process for introducing the rebuilt engine and parts.
- Robert suggested that if the rebuilt engines perform very similarly to the current test we might be able to introduce the parts with a reference. The larger the difference the larger the precision matrix is likely to be.

4.7) Other Topics – All

- Will asked to have an independent source check engine burn rates and inventory to better understand the industry status.

5.0) Old Business

5.1) TBD

6.0) New Business

6.1) TBD

7.0) Review / Update Scope and Objectives

8.0) Next Meeting

August 19, 2026

9.0) Meeting Adjourned

ASTM Sequence III Surveillance Panel (19 Voting members)

date: 7-22-2026

Name

Email

Signature: R T Stockwell

Present - Voting Members:

Votes:

☐ Jorge Agudelo	jorge.agudelo@bp.com	☐	☐	☐	☐
☐ Joseph Anthony	Joseph.Anthony@Infineum.com	☐	☐	☐	☐
☒ Dylan Beck	djb@astmtmc.org	☐	☐	☐	☐
☒ Jason Bowden	jhbowden@ohtech.com	☐	☐	☐	☐
☐ Michael Deegan	mdeegan@ford.com	☐	☐	☐	☐
☒ Seth Demel	samuel.demel@shell.com	☐	☐	☐	☐
☒ Venkat Deshpande	venkat.deshpande@toyota.com	☐	☐	☐	☐
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☒ Dan Lanctot	dlanctot@tei-net.com	☐	☐	☐	☐
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ASTM Sequence III Surveillance Panel (19 Voting members)

date:

Name

Email

Signature:

Present - Members:

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ASTM Sequence III Surveillance Panel (19 Voting members)

date:

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Other Attendees:

☒ Andrew Mather

☒ 894 Glen

☒ Michael Lo