

Sequence III Surveillance Panel
Teleconference Meeting Minutes
Wednesday July 24, 2019 10:00 – 12:00 EST

“As the host, I have not in the past and will not in the future record any ASTM meeting and there are no “authorized persons” that may record an ASTM meeting. As a reminder to everyone the recording of ASTM meetings is prohibited.”

1.0) Attendance



Attendance.pdf

2.0) Chairman Comments

None.

3.0) Approval of minutes

3.1) Minutes from 5/22/2019 Meeting

Approved as issued.

4.0) IIIH Action Items

4.1) IIIH Hardware Update (Batch 7 rings) – Bowden

Jason Bowden reported that Batch 7 rings are being inspected and will be released upon completion of full inspection. OHT will donate a single test's worth (full engine kit) to each lab for the approval process. Batch code 6 is estimated to last through October 2019.

4.2) IIIH Fuel Supply Update – Tumati

P. Tumati was not available during meeting; summary shown below was provided prior to the meeting.

- We roughly have 450,000 gallons of HF003
- This fuel is used in tests for Sequence III, IX and X.
- This fuel is also used in producing many other HF products.
- Based on the last year's consumption rate, this would likely last for three and half months or so.
- It takes 3-4 weeks to produce a new batch of fuel.

4.3) IIIH Reference Oil Update - Grundza

Rich Grundza reported that the last of 438-1 was shipped in June and 438-2 will be shipped soon. Current TMC inventory shown below should last 5 – 10 years based on recent activity levels:

- 438-2: ~ 500 gallons
- 436: ~750 gallons
- 434-3: ~800 gallons



4.4) Oil 434-3 data review – Dvorak

Todd Dvorak presented his analysis. No change is recommended to the current targets for PVIS or WPD at this time. Additional data may warrant future analysis but the panel agreed no action is necessary at this time.

Action Item: The TMC to look into reference oil viscosity inconsistencies showing up on oil 436.

4.5) 70-h interpolation review, was SA data used, is an SA needed – Chadwick

Jo Martinez summarized that SA data was not used in deriving the 70-h interpolated PVIS limits. For consistency, this would indicate that SAs should not be applied to candidates.

4.6) IIIH60 and IIIH70 timing recommendation to PAPTG passed – FYI Only

Robert Stockwell noted that this action had been completed.

4.7) Alternate fuel supplier qualification update - Chaudry

Ankit Chaudry reported that the task force has held two meetings so far. There is general consensus that a matrix (or mini-matrix) would be needed to introduce a new supplier – the details have not been finalized. The next meeting is scheduled for later this week.

4.8) 438-1 depleted at TMC, reblend available – Introduction? - Grundza

Covered in 4.3 above. No special panel action was decided upon and the oil will be introduced.

4.9) Oxidation and nitration methods (E168?) – Grundza

The oxidation and nitration methods in the current IIIH method are not correct (T-12 method); all labs are using E168, IIIG method. After discussion, it was decided that the TMC will summarize the method and test labs' analytical labs will verify. Once settled on it will be brought to the panel for review and eventual Information Letter issuing.

Action Items:

- TMC to draft method wording
- Test Labs to review
- Surveillance Panel to review for formal vote at next meeting

4.10) Other Topics

LED Lighting for Deposit Ratings

Bob Campbell had previously distributed results of an LED lighting deposit rating study to surveillance panel chairs. The results of the study were very positive towards allowing LED lighting. Surveillance Panel's need to concur so that the rating manuals can be updated to allow LED lighting as an option. Chair Stockwell will forward the data to the panel for review and the issue will be brought for a vote at the next meeting. The Stats Group was asked to review data as well.

Action Items:

- Stockwell to distribute study results*
- Stats Group to review and report*
- Surveillance Panel to review study and Stats Group report for formal vote at next meeting*

MTAC for IIH 60 and 70 Hour Test

Jo Martinez mentioned that MTAC is being developed for the 60 and 70 hour versions of the IIH test and asked for the panel's endorsement. There were no objections, however, it was noted that the panel did not review or endorse a specific proposal, but only agreed to the concept of MTAC being used for the IIH60 and IIH70.

5.0) Old Business

None.

6.0) New Business

None.

7.0) Review / Update Scope and Objectives

Not reviewed.

8.0) Next Meeting

Thursday, August 29, 2019 at 10:00 am EDT.

9.0) Meeting Adjourned

Meeting adjourned at 11:00 am EDT.