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Issued: November 10, 2015
Reply to: Dan Worcester
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These are the unapproved minutes of the 11.10.2015 Sequence VI Surveillance Panel call.

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The meeting was called to order at 8:00 AM Central Time by Chairman Nathan Moles.

Agenda

The Agenda is the included as **Attachment 1**.

1.0 Roll Call

The Attendance list is **Attachment 2**.

2.0 Approval of minutes

- 2.1 Approval of the minutes of the 10.27.2015 meeting.

MOTION: Approve the minutes from the 10.27.2015 face to face meeting

[Nathan Moles, Dan Worcester, second] Approved unanimous.

3.0 Action Item Review

- 3.1 OHT to provide update on current VIE inventory and service engine order. –OHT
There was no update on engines at this call.
- 3.2 Labs reported VID engine inventory and expected depletion date of VID engines.
-Expected life of engines range from 2016 Q1 to 2018
Lab1: 1 engines
Lab2: 1 engines Afton has one new engine left.
Lab3: 3 engines
Lab4: 1 engines

4.0 Old Business

- 4.1 List of items to be reviewed after the Precision Matrix
Do we really need to run three RO tests to establish the new engine for LTMS?
Discussion of reducing the new reference requirement to two oils, then a third oil run after a defined number of candidates.
Discussion of using FEI 2 and FEI Sum for references to match candidate pass/fail criteria.
Discussion of evaluating 80/20 ratio of BL before to after for FEI 1 and 10/90 for FEI 2.
Should the acceptance bands value of 1.96 be rounded up? Due to the rounding on FEI 1 and 2 the actual pass limit is 1.91 and 1.92.
-SP chair and test sponsor to investigate what is needed to establish VID equivalent limits for VIE.
This will be an on-going effort.
- 4.2 Discussion on start of precision matrix.
New reference oil 544 is at labs needed for the matrix start the week of 11.09.2015.
- 4.3 Update from task force, to investigate alternative test procedure Sequence “VIF” that would improve 0W-16. – Dan Worcester/Satoshi Hirano SwRI will start the Sense Check portion in one stand 11.11.2015. IAR will start their first test after stand shakedown is completed.
- 4.4 Update from task force to investigate option to prolong usable life of the available VIE engines. –Adrian Alfonso/Bill Buscher Adrian is working with Tim on details of parts for the engine builds.

5.0 New Business

- 5.1 None

6.0 Next Meeting.

The next meeting will be 11.24.2015 conference call. The meeting on 11.17 will be cancelled.

The meeting adjourned at 8:13 AM.

Sequence VI Surveillance Panel Conference Call Agenda November 10 @ 9:00-10:00AM EST

Call-in information is included below:

Call-in Number: 866-528-2256
Conference Code: 3744024

1.0) Roll Call

Do we have any membership changes or additions?

2.0) Approval of minutes

2.1 Approve the minutes from the October 27, 2015 Sequence VI Surveillance Panel.

<ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIMinutes20151027.pdf>

3.0) Action Item Review

3.1 OHT to provide update on current VIE inventory and service engine order. –OHT

3.2 Update of VID engine inventory and expected depletion date of VID engines.

-Expected life of engines range from 2016 Q1

Lab1: 1 engines

Lab2: 2 engines

Lab3: 3 engines

Lab4: 1 engines

4.) Old Business

4.1 List of items to be reviewed after the Precision Matrix

-Do we really need to run three RO tests to establish the new engine for LTMS?

-Discussion of reducing the new reference requirement to two oils, then a third oil run after a defined number of candidates.

-Discussion of using FEI 2 and FEI Sum for references to match candidate pass/fail criteria.

-Discussion of evaluating 80/20 ratio of BL before to after for FEI 1 and 10/90 for FEI 2.

-Should the acceptance bands value of 1.96 be rounded up? Due to the rounding on FEI 1 and 2 the actual pass limit is 1.91 and 1.92.

-SP chair and test sponsor to investigate what is needed to establish VID equivalent limits for VIE

4.2 Discussion on start of precision matrix.

4.3 Update from task force, to investigate alternative test procedure Sequence "VIF" that would improve 0W-16. – Dan Worcester/Satoshi Hirano

4.4 Update from task force to investigate option to use short blocks to supplement engine inventory. –Adrian Alfonso/Bill Buscher

5.) New Business

5.1 None

6.) Next Meeting

Next Tuesday (reoccurring weekly meeting)

7.) Meeting Adjourned

ASTM SEQUENCE VI

Name	Address	Phone/Fax/Email	Attendance
Adrian Alfonso Voting Member	Intertek Automotive Research	Phone: (210) 838-0431 adrian.alfonso@intertek.com	ATTEND
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Dan Worcester Voting Member	Southwest Research Institute	Phone: (210) 522-2405 dan.worcester@swri.org	ATTEND

ASTM SEQUENCE VI

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