## Sequence VI Surveillance Panel Conference Call Agenda June 12 @ 9:00-10:00AM EST

### Call-in information is included below:

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

https://meetings.webex.com/collabs/meetings/join?uuid=M6TH6GZ8N4QLSZN6 XUNJG6PINV-20XT

#### 1.0) Roll Call

Do we have any membership changes or additions? Christine Eickstead will cover for Dan and Adrian will serve as secretary for this meeting

#### 2.0) Approval of minutes

2.1 Approve the minutes from the June 21, 2016 Sequence VI Surveillance Panel. <u>ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIMinutes201606</u> <u>21ConferenceCall.pdf</u>

Motion: Nathan Second: Jason Bowden Unanimous

#### 3.0) Action Item Review

3.1 OHT to provide update on current VIE inventory -OHT

136 VIE-2 engines.

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

-Expected depletion of VID engines 2016 Q3 ~30 test starts at IAR remain.

#### 4.) Old Business

4.1 Update on precision matrix analysis. -Stats Group

-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. Consider evaluating FEI 1 vs 100% BLB2 (or 3) and evaluating FEI 2 vs 100% BLA.

-Discussion of changing BLB1 to BLB2 delta acceptable limits. -Determine engine calibration status of matrix engines and date of calibration

-Review impact of variable oil pressure of FEI (review prove out data to determine if it is stand or engine related)

-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.

# - Investigate what is needed to establish VID equivalent limits for VIE

-Review and Finalize LTMS Requirements

Refer to Stats Group's presentation on VIE LTMS. Labs are requested to review the presentation and have all questions ready for next meeting

VIF PM Data Analysis suggests a potential for short engine life similar to the VIE engine life. The stats group will meet on Thursday and will attempt to expand the VIF data analysis before the face to face meeting at IAR. Refer to VIF PM Analysis presentation for more details.

There was a suggestion for a couple of members of the stats group to branch off to focus on the VIF data analysis and attempt to complete it before the meeting at IAR. There was a request for IAR to complete a leak down check on engine 96 and SwRI to complete the same for engine 144. This was requested after noticing that there was an unexpected shift from BLB to BLA during the last tests on these two engines. Request to look at Zi for VID for the first reference period and compare to VIE PM data.

-Update test procedure

- Appendix K Template review –Todd Dvorak

- There was a suggestion by TMC to start thinking about approval of BL5. There is BL4 available at TMC and also redistribution can be done before BL5.

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

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

There are about 450 more complete kits available. There are more short blocks but there are not right heads available. The possibility to reuse/rebuild right heads has to be explored. A survey was sent to all labs to determine the deficit and based on the input from all labs the complete kits and the kits without right heads will be distribute as a percentage of the labs requirement.

4.4 Update from task force, to investigate engine cleaning procedure. – Dan Worcester

First test was completed and submitted to TMC. The second test is running and expected to complete later this week.

#### 5.) New Business

5.1 TBD

#### 6.) Next Meeting

Upcoming schedule:

- 7/19 2 hour meeting, stats analysis review
- 7/26 7/28 (noon) face to face meeting at IAR

#### 7.) Meeting Adjourned

Will be determined once the stats group meets Thursday, 14 July and confirms when the analysis can be completed.



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