Sequence III Surveillance Panel
Teleconference Meeting Minutes
Tuesday September 25, 2018 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

The chair thanked stats group for help on the 434-3 target analysis as well as Rich Grundza (TMC) for working on the IIIH procedural cleanups.

3.0) Approval of minutes

3.1) Minutes from 7/24/2018 Meeting
Approved as issued.

4.0) IIIH Action Items

4.1) TMC updates and corrections - Grundza
Following are procedural clean-up items need to be approved by the surveillance panel:

4.1.1) The current version of D8111 does not make any mention of Bad Quality Data (BQD), over and under ranges, etc. in the calculation of Quality Index. In order to address this, it is suggested a new section 10.4.8 be added as follows: ***10.4.8 Calculate Quality Index (QI) for all control parameters in accordance with the DACA II Report. Account for missing or bad quality data in accordance with the DACA II Report.*** Moved (Grundza, Romano). Approved with unanimous support.

TABLE 5

U and L Constants and Over and Under-Range Values*

Parameter	U	L	Over-Range	Under-Range
Coolant flow	168.57	171.43	244.3	91.7
Coolant out temperature	115.46	114.54	138.9	91.1
Exhaust backpressure	4.58	4.42	8.7	0.3
Dew point	18.1	14.1	120.0	0
Intake air pressure	0.07	0.03	1.1	-1.0
Intake air temperature	35.37	34.63	54.2	15.8
Oil block temperature	115.46	114.54	172.8	129.2
Speed	3905	3895	4160	3640
Torque	250.98	249.02	300.9	199.1
Fuel temperature	31	29	82	0

*This table was not shown during the teleconference but it was noted during discussion that it would be included as part of the procedural change covered by the motion.

4.1.2) Table 1 of the IIIH test method shows the part number for the 3.6 L engine as 05184464AH. This part number is for the "dealer" engines. The correct part number for an FCA build out engine is 68252464AG. ***Suggest revising Table 1 to show 68252464AG as the engine part number.*** Moved (Grundza, Schweitzer). Approved with unanimous support

4.1.3) Regarding a change made to the test method via information letter 18-2 which corrected some items pertaining to Phos retention determination; in attempting to ballot this change, it was noted that the wording for dilution was not per ASTM form and style manual. In attempting to correct this it was further noted that the dilution rate in X2.4.3.1 is not correct as written. The correct dilution instructions should be:

X2.4.3.1 Run all samples, initial and end-of-test, sequentially, in duplicate, using the same calibration (that is, as close in time as practical). Background correction, internal standard, and peristaltic pump are required. Use sample dilutions of at least 19+1 mass/mass (that is, 19 parts solvent by mass to one part solute test oil by mass). Once a dilution is established, use it for all samples from a test. Moved (Grundza, Schweitzer). Approved with unanimous support.

These changes will be included in an upcoming information letter.

4.1.4) IIIH Report Forms - ***remove MRV and Phos parameters from the pass/fail test parameters on form 4, remove cold crank viscosity as well (i.e. removal of IIIHA and IIIHB results).*** Moved (Grundza, Schweitzer). Approved with unanimous support.

4.2) IIIH Data Review of 434-3 – Dvorak

IIIH-RO434-3-092418-Revised (002).pdf

Todd Dvorak presented for the stats group. After productive discussion, a motion (Campbell, Grundza) was made ***for labs to run a reference test on 434-3, to be set in a pending status, until the data review is complete and targets are derived. The TMC will adjust cal periods accordingly (per no net gain/loss).*** The data is due to the TMC by October 23. The motion passed 19-0-0.

5.0) <u>Old Business</u>

None.

6.0) <u>New Business</u>

Jeff Betz asked that a lab core group be formed to discuss long-term storage of used test cores. Ed Altmann and Jeff Betz will lead the effort.

8.0) <u>Next Meeting</u>

A teleconference is scheduled for November 13, 2018.

9.0) <u>Meeting Adjourned</u>

11:15 a.m. EDT.