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COMMITTEE D02 ON PETROLEUM PRODUCTS, LIQUID FUELS, AND LUBRICANTS

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Issued: 01.16.2020  
Reply to: Dan Worcester  
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These are the unapproved minutes of the 01.16.2020 Sequence VI Conference Call.

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The meeting was called to order at 1:00 PM Central Time by Chair Andrew Stevens.

- 1.0 The Agenda is Attachment 1.
- 2.0 Roll Call. Attendance is Attachment 2. There were no member changes. There were 15 voting members so this meeting had a quorum.

### 3.0 Old Business

- 3.1 The minutes for the 10.25.2019 call were approved unanimously.
  - 3.1.1 Andrew, Ron second.
  - 3.1.2 Those minutes are posted on the TMC site.
- 3.2 Dan Worcester reviewed the current quantity of the large VIE fuel batch.
  - 3.2.1 If current testing levels continue, a new batch will be needed in June.
  - 3.2.2 Haltermann will begin on new batch this Spring.
  - 3.2.3 There was discussion of C of A and blends of different batches.
- 3.3 At the ASTM meeting there were concerns about the percentage of old and new batch blends. One option considered was to develop a new C of A on the blend. See Attachment 3.
  - 3.3.1 There were questions on who would be responsible for the analysis.
  - 3.3.2 There were also questions of what level on cleaning would be needed. Most tanks have a heel of 300 to 500 gallons that usually remains in the tanks. Pumps are designed to pick up fuel above this level to avoid water and debris.
  - 3.3.3 There is a tank cleaning procedure, API 1325.
  - 3.3.4 With a new supplier the tank should be cleaned completely.
  - 3.3.5 Most labs perform a quick check for the tank arrival. A similar process could be used and analysis would focus on density and RVP [Reed Vapor Pressure, D323].
  - 3.3.6 10% is the method approved for VH fuel. The new blend would have less than 10% of the previous batch in the new fuel mixture.
  - 3.3.7 This would not be an issue for labs with multiple tanks but could be for labs with fewer or only one tank.

**Motion:** Add Section 7.2.3: Add fuel from a new batch to a laboratory's fuel tank when the current fuel level is below 10% of the final fuel [new and previous mixture's total volume].  
Andrew, Jeff. 13 yes, Unanimous.

The meeting adjourned at 2:50 PM Central Time.

# Sequence VI Surveillance Panel Call Meeting Agenda

## January 16, 2020 @ 2:00-3:30 EST

### Webex Meeting Details Below Agenda

#### 1. Roll Call (start 2:05 EST)

*1.1. SP Membership changes and additions*

#### 2. Old Business

2.1	Approve meeting minutes from 11/19/19 call	Andrew Stevens
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#### 3. New Business

3.1	Test fuel shortage	Dan Worcester
3.2	GM concern regarding CofA for blended fuel batches	Andrew Stevens

#### 4. Next Meeting

*4.1. SP Meeting: TBD*

#### 5. Meeting Adjourned

**Andrew Stevens invites you to join this Webex meeting.**

Meeting number (access code): 299 788 054

Meeting password: cK6QVx73

Thursday, January 16, 2020

2:00 pm | (UTC-05:00) Eastern Time (US & Canada) | 1 hr 30 mins

## Join meeting

### **Join by phone**

Tap to call in from a mobile device (attendees only)

[+1-510-338-9438](tel:+15103389438) USA Toll

[Global call-in numbers](#)

### **Join from a video system or application**

Dial [299788054@lubrizol-1586.my.webex.com](tel:299788054@lubrizol-1586.my.webex.com)

You can also dial 173.243.2.68 and enter your meeting number.

### **Join using Microsoft Lync or Microsoft Skype for Business**

Dial [299788054.lubrizol-1586.my@lync.webex.com](tel:299788054.lubrizol-1586.my@lync.webex.com)

Need help? Go to <http://help.webex.com>

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Name	Email	Company	Attend
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Rich Grundza	APPROVE		
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Teri Kowalski			
Tracey King	APPROVE		
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Charlie	APPROVE		
Ron Romano	APPROVE		
Clifford Salvesen			
Amol Savant	APPROVE		
Andrew Stevens	APPROVE		
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Voting Members	16		



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## Fuels task Force Minutes

The meeting was called to order by Chairman Lochte on January 8, 2020 at 9:00 AM Central Time.

Attendance was recorded as per attachment 1

- a. During the review of the proposed KA24E fuel specifications Nathan Siebert of GM stated that the proposed new limits for aromatics per D5769 were not arrived by the use of a true correlation study since the new limits were arrived at by a comparison of averages of one population of D1319 results on one group fuels vs. the average D5769 results of a different population of fuels.
  - i. Action Item- Prasad Tumati to either use the correlation equations in D1319 or conduct testing on the same samples to correlate D5769 to D1319 (with new dye) and to use that to propose limits.
  - ii. Jonathan VanScoyoc stated that Honeywell is now offering a dye for the D1319 test, which has been vetted through ASTM.
  - iii. Haltermann Solutions stated that D1319 misses a portion of the toluene in the fuel, so it makes sense that D5769 should report more aromatics.
  - iv. Once Haltermann has completed their work, another meeting will be called to review the results.
  
- b. During the discussion of the labeling of batches, Nathan Siebert of GM stated that the proposed batch naming scheme does not address the laboratories practice of refilling tanks with fuel of a new batch on top of an old batch, and subsequently using the COA for the new batch of fuel to report the engine test results with. Nathan stated at GM that their practice is to perform all the COA tests on the resulting mixture after filling the tank.
  - i. A discussion ensued ranging from 1) how we would accomplish the COA data on lab generated fuel batch mixtures, and 2) whether this change to procedure would help us in any future test severity shift investigations 3) the possibility that if it could be proven that the test results are not effected by fuel at either end of the parameter's window, that mixing of batches would be acceptable at that point.

- ii. The surveillance panels would need to be engaged in handling the request to re-test fuel for all COA properties after new batch dumped on top of old in a lab's tank.
- iii. If the panels decide to go to generating new COA data for any lab-comingled batches of fuel, the TMC would need to investigate how the labs or supplier could enter the new analytical results generated by the tank mixes and subsequent COA testing into the TMC's fuel batch results database.
- iv. This subject requires more thought and discussion. Task force members are encouraged to discuss this internally and at the surveillance panels to figure the best path forward. This will be added to the agenda for the next meeting.

Meeting adjourned at 10:30 AM.

A handwritten signature in blue ink that reads "Michael Lochte". The signature is written in a cursive, flowing style.

Mike Lochte, Chairman  
TGC Fuel Task Force

Attachment 1

Attachment 1

**Attendees TGC meeting / November 25, 2019**

**("Y" next to name =present on call)**

1	Mike Lochte (SwRI)	Y
2	William Buscher (Intertek)	Y
3	Alfonso Lopez (Intertek)	Y
4	Bob Campbell (Afton)	Y
5	Chris Taylor ( <a href="mailto:pslservicesinc@gmail.com">pslservicesinc@gmail.com</a> )	N
6	Mark Cooper (Chevron)	N
7	Frank Farber (ASTM)	N
8	James Harlow (VP Racing Fuels)	N
9	James Matasic (Lubrizol)	Y
10	Jason Bowden (OH Technologies)	N
11	Becky Nelson (SwRI)	N
12	Jim Carter (Gage Products)	N
13	Jeff Clark (ASTM)	N
14	Tracey King ( <a href="mailto:Tking@h-c-s-group.com">Tking@h-c-s-group.com</a> )	Y
15	Patrick Lang (SwRI)	Y
16	Marissa Macagnone (BASF)	Y
17	Michael Madalian (Infineum)	N
18	Prasad Tumati (Haltermann)	Y
19	Rebecca Monroe (GM)	Y
20	Rich Grundza (ASTM)	Y
21	Dr. Jens Schaak ( <a href="mailto:JSchaak@h-c-s-group.com">JSchaak@h-c-s-group.com</a> )	Y
22	Scott Parke (ASTM)	N
23	Sean Moyer (ASTM)	N
24	Tim Cushing (GM)	Y
25	Jonathan VanScoyoc (ConocoPhillips)	Y
26	Mike Sutherland (TEI)	N
27	Nathan Siebert (GM)	Y
28	Jarvis Brown, (Haltermann Solutions)	Y