

Unapproved Minutes of the March 12, 2013
Sequence VG Surveillance Panel
Conference Call

The meeting was called to order by Chairman Andy Ritchie at 2:00 PM EST.

A list of the attendees on the call is included as Attachment 1.

Chairman Ritchie listed the agenda items he would like to cover in this call:

- 1) Review and approval of minutes from March 5, 2013 call
- 2) Discussion of timeline for adjusting Batch No. AK2821NX10 to increase sludge severity
- 3) Old Business.
- 4) New Business.
- 5) Next Meeting

Chairman Ritchie asked if there were any corrections to the minutes from the March 5, 2013 VG Panel conference call. Ed Altman suggested that in paragraph 2 it should be clarified that it is not the entire batch of AK2821NX10 fuel that is currently being adjusted, only a small quantity/sample of the batch. He also noted that under Old Business, the size of the isotote in parentheses should be ~6000 gal, not ~5000 gal. Mike McMillan agreed to make these revisions and recirculate the revised minutes from the March 5, 2013 call.

Chairman Ritchie asked for reports on the open action items from the last conference call. On the subject of stand referencing, Rich Grundza indicated that he had talked with the labs which have stands scheduled for referencing in the next week or so, and that they appear to have sufficient VG fuel available presently. Rich also indicated that he has not heard back from all of the labs yet as to their current inventory of VG fuel, so he has not been able to determine how much of the current batch of VG fuel is available within the industry. Rich asked again if the labs which have not replied could do so prior to the next call. Representatives from those labs present on the call agreed to do so.

Chairman Ritchie asked Mark Overaker if he would go through the timeline for reblending of Batch No. AK2821NX10 fuel which he had distributed to

the Panel by email prior to the call (see Attachment 2). Mark indicated that there were a couple of minor edits he wished to make, and that he will send out a revised version of the timeline following this call. The Bench testing on the sample reblend is being completed now, and a tank has been identified for producing the pilot blend. Raw materials for this blend are also being procured. Mark wants to pick up the remaining fuel from the previous pilot blend from the labs, complete the new pilot blend, and ship the new pilot blends to the labs by the end of next week. Haltermann is targeting starting the new round of tests with the new pilot fuel reblend with Oil 925-3 on March 26. Following discussion of the logistics, it was decided that Haltermann will ship 2000 gal of the new pilot fuel blend to each lab, recognizing that this much fuel may not be needed if the first tests on Oil 925-3 produce sufficient sludge. If so, the remaining matrix tests would be conducted on the large batch of fuel once it is reblended.

Old Business: Chairman Ritchie reminded the Panel that the subject of future fuel batch sizes had been raised during the last call, and that he intended to keep this on the list of open action items, to be re-addressed once the current batch reblend is completed. During discussion of this issue during the last call, Haltermann agreed to investigate ways of accommodating a larger fuel batch than the last two VG fuel batches.

New Business: None

Next Meeting: With blending and shipping of the new pilot fuel batch scheduled to occur next week, it was decided that the next conference call of the VG Surveillance Panel should be Tuesday, March 26, 2013, at 2:00 PM ET.

Attachment 1

Attendees during 3/12/2013 Sequence VG Surveillance Panel Call

BP Castrol - Timothy Miranda

Afton – Ed Altman

Ford - Ron Romano

General Motors – Bruce Matthews

Haltermann – Mark Overaker, Tracey King

Infineum – Andy Ritchie, Mike McMillan, Gordon Farnsworth

Intertek – Al Lopez

Lubrizol – Jerome Brys, Jessica Buchanan, Chris Mileti

SwRI – Raham Kirkwood

TEI – Mark Sutherland

TMC – Rich Grundza