

# Sequence VIE FEI 2 Response Task Force

## December 12, 2017 @ 9:00-10:00 CST

Toll-free dial-in number (U.S. and Canada):  
(866) 588-1857

Conference code:  
1908975

### 1. Roll Call (start 9:00 CST)

#### 1.1. Membership

- 1.1.1 Adrian (present), Andrew(present), Bill, Charlie, Cliff(present), Dan(present), Jerry, Katerina(present), Todd(present), Rich(present), Amol(present), Mark (Haltermann) (present).

### 2. New Business

**SCOPE:** The Task Force will review data, chemical analysis for the 109 hour aging, and other factors for the VIE test looking for a root cause for a response shift affecting FEI 2.

#### 2.1. VIE/F FEI 2 Severity

##### 2.1.1. Presentation Update

- Stats group is exploring the option of changing SAs given that there is a severity trend across all labs.
- Todd will review if there is a correlation between BSFC numbers and references severity

##### 2.1.2. Engine Tear Down Update

##### 2.1.3. Haltermann Fuel Update

- Additive is sourced from the same supplier for both Nixon and Sterling locations.
- The mixing amounts are calculated previous to filling the takers, then mixed with the fuel as the tanker is filled. Samples are not taken or analyzed after filling the tanker.
- There is a possibility Haltermann can implement a large tank (~350K gallons or ~14 months supply) to blend large batches of fuel to supply all labs with the same batch and therefore reduce variability.

[www.astmtmc.cmu.edu](http://www.astmtmc.cmu.edu) - /ftp/docs/gas/sequencevi/minutes/VIE Engine Photos/Failing Reference/

[www.astmtmc.cmu.edu](http://www.astmtmc.cmu.edu) - /ftp/docs/gas/sequencevi/minutes/VIE Engine Photos/Four run Engine/

### 3. Next Meeting

3.1. TBD

### 4. Meeting Adjourned