

# Sequence VIE/F Engine Rebuild Task Force

## Call Agenda

June 15<sup>th</sup> @ 8:00 AM CST

Call-in number: (800)391-9177

Conference Code: 4875645502

### Scope:

The ASTM Sequence VI Surveillance Panel requested a Task Force be formed to explore the possibility of extending the life of the Sequence VIE specially built General Motors (GM) 3.6 L (LY7) engine. New engines will be built from new GM assembled short blocks and other new and used individual components.

### Objective:

The Task Force will:

- Review GM's proposal of building new VIE engines from new GM assembled short blocks and new GM individual components.
- Determine total quantity of engines needed.
- Determine parts availability and acquisition for new engine build. Coordinate with OHT and GM.
- Determine which used parts from used VIE engines will be needed for new engine builds.
- Determine availability of these used parts and develop inspection and selection criteria.
- Inspect and select used parts for use in new engine builds (each lab will be responsible for this task).
- Develop and implement a standardized build procedure (engine assembly manual).
- Determine stand availability for testing lab built engines.
- Develop a test plan to prove out lab built engines.
- Report results, conclusions and recommendations to Sequence VI SP.

The agenda for this meeting is shown below, if you have any additions please send them to me and Cc this distribution.

### 1.0 Roll Call

Do we have any membership changes or additions?

### 2.0 Approval of Minutes from meeting 4/27/2017.

[ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE\\_FEngine%20RebuildTaskForce20170427.pdf](ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE_FEngine%20RebuildTaskForce20170427.pdf)

Motion: Adrian, Second: Dan

### 3.0 Action Item Review

3.1 Labs will send updates at completion of tests. - Completed

### 4.0 Old Business

4.1 Review fixed phasors reuse, inspection procedure.

4.2 Should rework/repairs be allowed, follow up after rebuild workshop.

### 5.0 New Business

5.1 Update on Prove-out matrix and timeline to completion target.

5.1.1 Current status of matrix at each lab

One lab completed 5th of 5 tests and all have been reported

One lab completed 5th of 5 tests, will report 5th test today

One lab is running the 5th test, will report the test Monday

4<sup>th</sup> lab completed first test. Expected completion date is end of July

#### 5.1.2 Validity of tests

One lab had to abort test 4 and rerun it. All other tests from all labs are expected to be valid

#### 5.1.3 Estimated completion at each lab

June 19th, 2017

#### 5.2 Expected release of data to the stats group

June 20th, 2017

#### 5.3 Evaluate OHT engines re-distribution

25 engines left in OHT's inventory. OHT will coordinate re-distribution with labs

-2 Short blocks kits waiting on one part. Shipping is expected to start by mid-July

### **6.0 Review of action items.**

OHT will coordinate re-distribution with labs

### **7.0 Schedule for next conference call.**

TBD- SP call on 20 June 2017.