

**Sequence VIE/F Engine Rebuild Task Force**  
**Call Agenda**  
**February 4<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 1/07/2015.**

[ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE\\_FEngine%20RebuildTaskForce20160128.pdf](ftp://ftp.astmtmc.cmu.edu/docs/gas/sequencevi/minutes/VIE_FEngine%20RebuildTaskForce20160128.pdf)

Motion to approve: Adrian A., Nathan M. 2<sup>nd</sup>

**3.0 Action Item Review**

- 3.1 GM to send out quote in January 21 – Completed
- 3.2 GM to take picture of SN to match SN IAR - GM will get picture of SN
- 3.3 Adrian to follow up on possible 3rd party storage - Completed

#### 4.0 Old Business

- 4.1 Need to write up storage procedure for labs to follow (include cleaning procedure to remove RP).
- 4.2 Coordination of engine build workshop early 2016.
- 4.3 Review fixed phasors reuse, inspection procedure.
- 4.4 Should rework/repairs be allowed, follow up after rebuild workshop.

#### 5.0 New Business

- 5.1 Review GM quote; coolant temp, cam position, knock, and O2 sensors not needed in the kit

Revised quote sent today

- 5.2 When will the orders be placed?

Labs to review quote and submit order. GM will place internal order to reserve engines as soon as all labs respond.

- 5.3 Discuss potential date for build workshop.

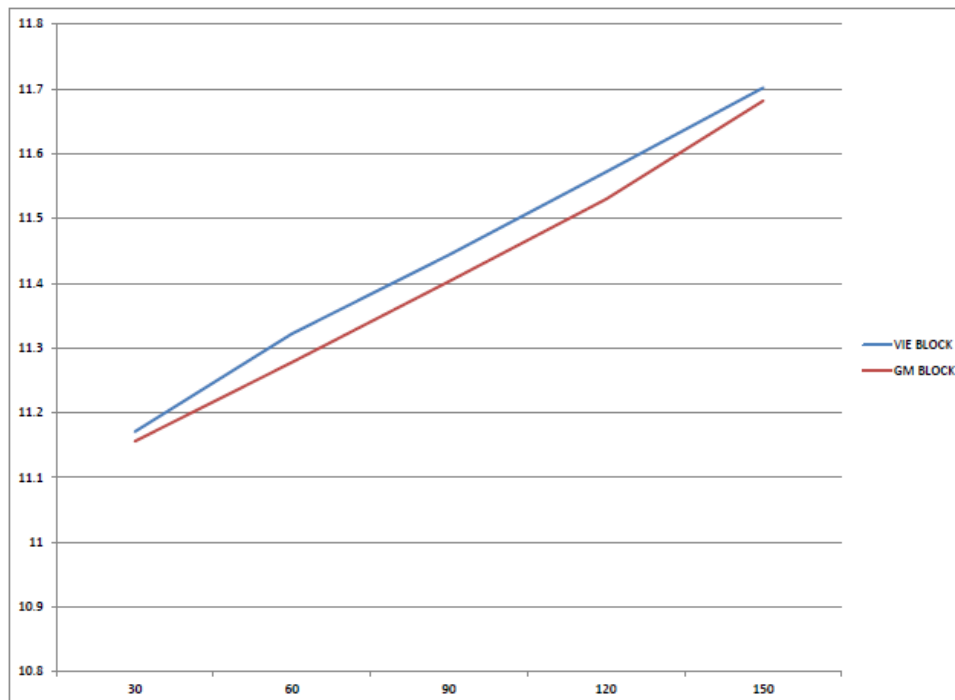
Try to coordinate date with other meetings in San Antonio, Dave G. and Bill B. to follow up.

Limit to max of 3 persons per lab.

SWRI compared viscosity for VIE-01 engine and GM supplied short block during break in using BL-4 at 30 hour increments. No significant differences found.

GM and TMC to do further analysis and report later.

SWRI to run 542-2 and report out results.



#### 6.0 Review of action items.

#### 7.0 Schedule for next conference call.

18 February 2016

Adrian Alfonso	Intertek	Attend
Bill Buscher	Intertek	
Charlie Leveret	Intertek	
Martin Chadwick	Intertek	
Jason Bowden	OHT	Attend
Matthew Bowden	OHT	Attend
Dan Worcester	SWRI	Attend
Khalid	SWRI	
Caleb	SWRI	
Timothy Cushing	GM	Attend
Scott Stap	GM	
Walt Lerche	GM	
Gordon Farnsworth	Infineum	Attend
Andrew Ritchie	Infineum	
Mike McMillan	Infineum	Attend
Mark Mosher	ExxonMobil	
Cliff Salvesen	ExxonMobil	
Valerie Lieu	Chevron	
Kaustav Sinha	Chevron	
Amol Savant	Ashland	Attend
Dave Caproni	Ashland	
Dave Glaenzer	Afton	Attend
Terry Hoffman	Afton	
Todd Dvorak	Afton	
Jerry Brys	Lubrizol	Attend
Nathan Moles	Lubrizol	Attend
Satoshi Hirano	Toyota	
Teri Kowalski	Toyota	
Jim Linden	Toyota Tribology	
Mark Adams	Testing	
Rich Grundza	TMC	Attend