

ASTM Test Monitoring System Executive Committee Meeting  
December 5, 2016

Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL

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### **Call to Order**

ASTM D02.B0.08, the Test Monitoring System Executive Committee, met on Monday, December 5, 2016 at 5:00 p.m. at the Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL. Seven voting members and several other attendees were present (attendance list lost).

### **Committee Voting Members**

Steve Kennedy, Present  
Jason Anderson, Present  
Ron Romano, Present  
Eric Johnson, Present  
Ron Loomis, Not Present  
Doyle Boese, Present  
Jason Bowden, Present  
Suzanne Neal, Not Present  
Bob Campbell, Present

The agenda is shown as Attachment A.

### **Meeting Minutes**

The June 27, 2016 meeting minutes were approved as posted.

### **Membership**

The membership was reviewed. It was noted that Ron Romano will be terming out from the USER side and a replacement will be needed starting in 2017. Steve Kennedy, chairman, also noted that he was retiring at the end of December and would not be seeking re-election. The committee is grateful for Steve's many years of steady leadership and wishes him well.

The current members and their terms are shown on the next page.

	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023
Steve Kennedy			P	P	P	P	P	P							
Jason Anderson							U	U							
Ron Romano	U	U	U	U	U	U	U	U							
Suzanne Neal								U	U						
Eric Johnson						U	U	U	U						
Bob Campbell							P	P							
Ron Loomis								P	P						
Doyle Boese						P	P	P	P						
Jason Bowden				G	G	G	G	G	G						



Eligibility; P=Producer, U=User, G=General Interest

#### **Technical Guidance Committee (TGC) Report – Pat Lang**

Pat's report is shown as Attachment B. During the discussion of the document addressing declaring a test unavailable Pat stressed that surveillance panel chairs would need to send a notice to the distribution list included in the document when their tests were unavailable and when they became available again.

#### **Test Monitoring Center (TMC) Report – Frank Farber**

Frank's report is shown as Attachment C. Frank mentioned that a chairman was still needed for the Rating Workshop Task Force. The TGC chairman will look for a representative to head this committee.

There were no old or new business items.

The meeting ended at approximately 6:00 pm.

Respectfully submitted,

Frank M. Farber, Secretary  
ASTM Test Monitoring System Executive Committee

Attachments  
FMF/fmf

**ASTM Test Monitoring System  
Executive Committee Meeting  
Monday – December 5, 2016  
5:00 - 6:30 PM**

Hilton Orlando Lake Buena Vista; Lake Buena Vista, FL

**AGENDA**

- 1. Call to Order**
- 2. Approval of Minutes - June 27, 2016**
- 3. Membership**
- 4. Receive, Accept and Take Action on Reports**
  - Technical Guidance Committee – Pat Lang**
  - Test Monitoring Center – Frank Farber**
- 5. New Business**
- 6. Old Business**
- 7. Next Meeting – Monday, June 26, 2017**  
**Boston, MA**
- 8. Adjournment**

# Technical Guidance Committee Report

Prepared by: Patrick Lang

December 5, 2016

Lake Buena Vista, FL

# TGC Meetings

## Conducted This Reporting Period

- The TGC conducted a meeting on August 11, 2016 in Dearborn, MI.
- The fuels task force held a conference call on October 24<sup>th</sup>.

# Declaring a Test Unavailable

- Extensive discussion on the topic of a clear definition of when a test is considered unavailable.
  - Reviewed TMC document entitled “Out of Control Document”
    - Document is geared towards dealing with action that is taken when industry EWMA precision and severity alarms are triggered.
    - Document currently does not address what is done when a test is unavailable due to critical component interruptions.
- Panel members agreed that the TMC should not restrict a dependent lab from calibrating regardless of test hardware availability at the independent labs.
- Panel members agreed that it is not justifiable for a test to be deemed unavailable by ASTM if only a dependent lab can run the test.
  - A notification process should be implemented so that the critical parties are advised as laboratories run out of critical components causing them to not be able to run the test.
- Panel members agreed that API should make the decision on allowing registrations if independent labs can’t conduct tests.
- Action:
  - Frank Farber volunteered to draft a document which would contain the wording on test availability guidelines and a notification process for when a test is at risk of becoming unavailable.

## BACKGROUND

The ASTM Technical Guidance Committee has approved the following guidelines to assist surveillance panels in the notification of when a specific test may be available or unavailable for testing purposes. The intent is that all stake holders are informed in a timely manner of any possible continuation/disruption in test availability.

## GUIDELINES

Each surveillance panel is responsible for ensuring adequate supplies of acceptable test components, fuel, or any other item necessary to conduct a test. If a condition arises that would prevent a laboratory from procuring a previously available resource to conduct a test the surveillance panel chairman should be notified immediately. The surveillance panel is to then meet and discuss possible redistribution of the resource, alternative suppliers, etc. to help resolve the procurement issue. If no resolution is found the surveillance panel chairman is to inform at a minimum the stake holders shown below under the heading notification list. It is hoped in situations when a test is facing a shortage of a resource that immediate notification can focus industry expertise on finding suitable replacements and or develop/initiate protocol to handle approval of oils. The intention is restore the availability of the test as quickly as possible. In contrast, if conditions allow a resource to become available that was previously deemed unavailable the surveillance panel chairman is to also immediately notify stake holders.

For ASTM Test Monitoring System purposes a test is deemed available as long as one calibrated laboratory is able to run tests. The calibrated laboratory can be a dependent or independent laboratory. In the event that the only laboratory that can run tests is a dependent laboratory, registration and licensing organizations will need to determine appropriate responses.

Notification List

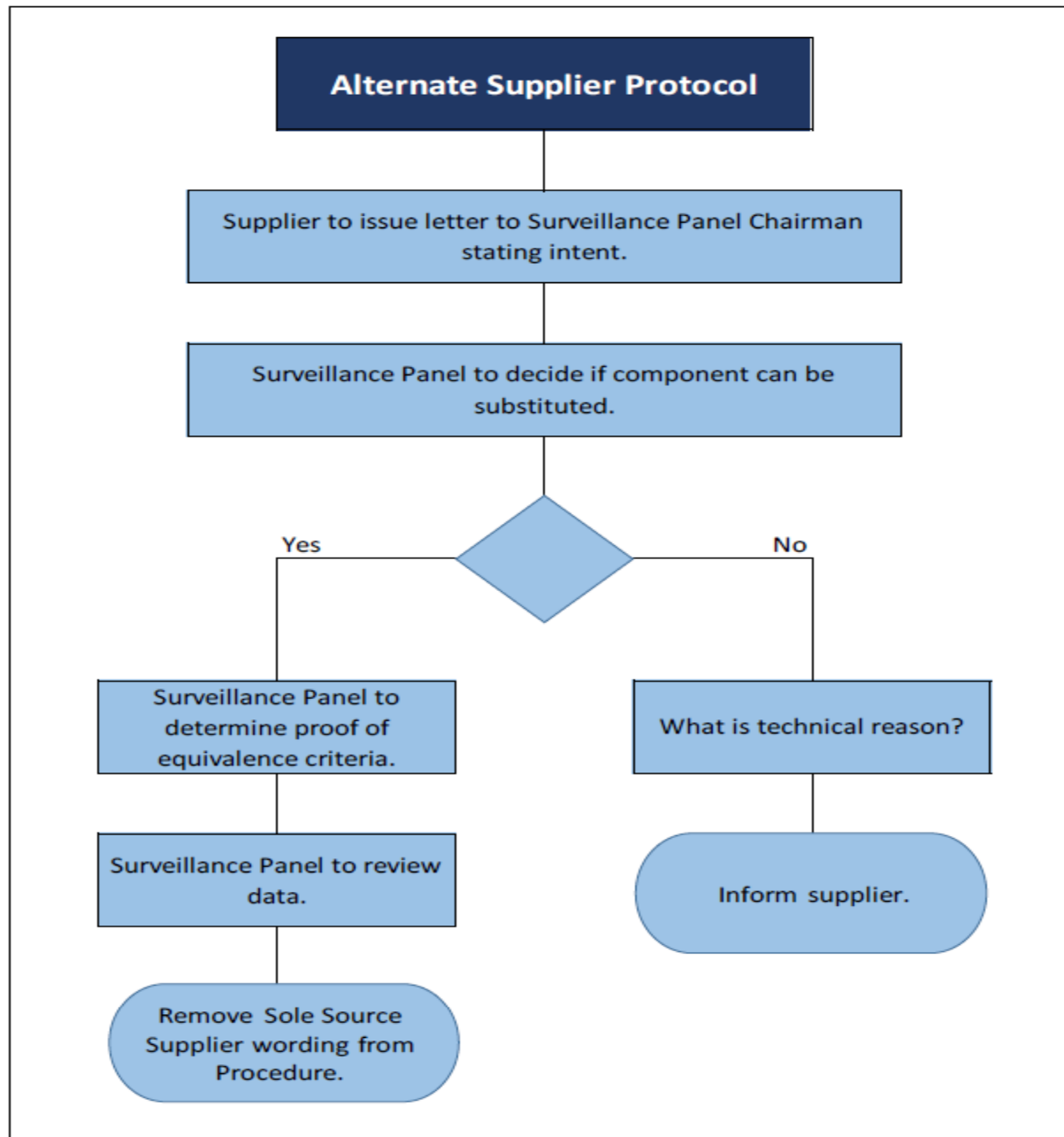
Organization	Position	Current Representative
ASTM	D02.B0 Chairman	Joe Franklin
	Test Monitoring System Executive Committee Chairman	Steve Kennedy
	Test Monitoring Center Director	Frank Farber
	PCEOCP Chairman	Thom Smith
	HDEOCP Chairman	Shawn Whitacre
	D02.B0.01 Chairman	Bill Buscher
	D02.B0.02 Chairman	Heather DeBaun
	Membership of Effected Surveillance Panel	
ACC	Product Approval Protocol Task Group Manager	Doug Anderson
	MAAG Chairman	Mike Hoey
API	EOLCS Manager	Kevin Ferrick
	EOLCS Chairman	Scott Rajala
Auto Alliance		Ron Romano
JAMA		Takumaru Sagawa
EMA	EMA Staff	Roger Gault
AOAP	Chairman	Scott Lindholm
DEOAP	Chairman	Steve Kennedy
ACC-MA	Manager	Don Lind



# Material Substitution/Alternate Supplier Protocol

- Extensive discussion on the topic of the guidelines of allowing material substitutions within ASTM test procedures.
- A panel member advised that there is a document that dates back to 1989 that does attempt to define the process.
- ASTM representative Alyson Fick advised that the “Facts for Members” document dated December 2014 supersedes this document.
- Action:
  - TGC to review these documents further to see if they provide the proper direction.

Table 1



## Engineering Review/ACC Conformance Page

- Jim Moritz provided a presentation on how engineering review should be considered in certain test cases. As an example:
  - Miss a IIIG blowby reading that is required but does not have a test spec. Procedure states that you need to take the readings but it is recognized that missing a reading is not going to affect the test.
- TGC asked to consider the possibility of adding a new field to the ACC conformance statement that would flag the reader of the report that engineering review (judgement) has been applied to the test.
- **Action**: Jim Moritz to draft a modified conformance statement with the additional field/wording. The TGC will pass that on to ACC for consideration.

## Multiple Bid Process within ASTM

- Currently no process within ASTM to handle the possibility of a multiple bid process for a test component.
- ASTM is not willing to manage the bidding process.
- Comment made that this should not be discussed at an ASTM meeting since it has financial implications.
  - Note that the HDEOCP has facilitated a bidding process in the past for fuel
- Labs would have to handle any contractual issues directly with the vendor directly.
- Still need to work out the mechanism for selecting a vendor and if only one supplier can be used at a time.

# Fuel Task Force

- Jim Matasic of Lubrizol has agreed to chair the Fuel Task Force
- A conference call was held on October 24<sup>th</sup>
- This was the initial call to get the task force active again:
  - Reviewed membership
  - Reviewed previous list of action items
- Looking forward to future direction from this group to help address our fuel handling/storing and procuring challenges.

# Scope and Objectives

The Technical Guidance Committee is a standing committee under the ASTM Test Monitoring System Executive Committee. The TGC shall consist of the chairmen of the surveillance panels of monitored tests, a representative of each of the test developers/sponsor who are responsible for the test procedures and the Director. The Technical Guidance Committee will advise the Director in technical matters concerning test procedures.

This will involve working with the surveillance panels, test developers, critical parts suppliers, fuel suppliers and testing laboratories across all testing types to improve the repeatability and reproducibility of the test procedures. The TGC will provide guidance for future test developments. Additionally, the TGC chairman will liaise with the ACC PAPTG Chair.

## **Objectives:**

- 1) Develop guidelines for issues that are potentially common to all HD/PC engine, gear and bench testing.
- 2) Work with the Rating Committee to provide guidance for issues related to visual deposit ratings.
- 3) Provide guidance on best practices for critical component identification within test procedures.
- 4) Continue to refine the “Guide for Test Development” document as new categories are developed.

# What's Next

- Next meeting scheduled for December 7<sup>th</sup> from 1:00 to 3:00 PM here at Lake Buena Vista, FL.

# Test Monitoring Center Report

- ▶ December 5, 2016
- ▶ Lake Buena Vista, FL



# 2016 Matrix Programs

Attachment C  
2 of 10

- IIIH – Completed
- *IVB – 2016 Start*
- *VH – 2016 Start*
- VIE – Completed
- VIF – Completed
- Chain Wear – Completed
- LSPI – Completed
- GMOD – Completed
- PC11 VGRA – Completed
- *Anticipate several GF-6 VGRA Matrices*

## 22 Information Letters Passed Sub B Ballot

Attachment C  
3 of 10

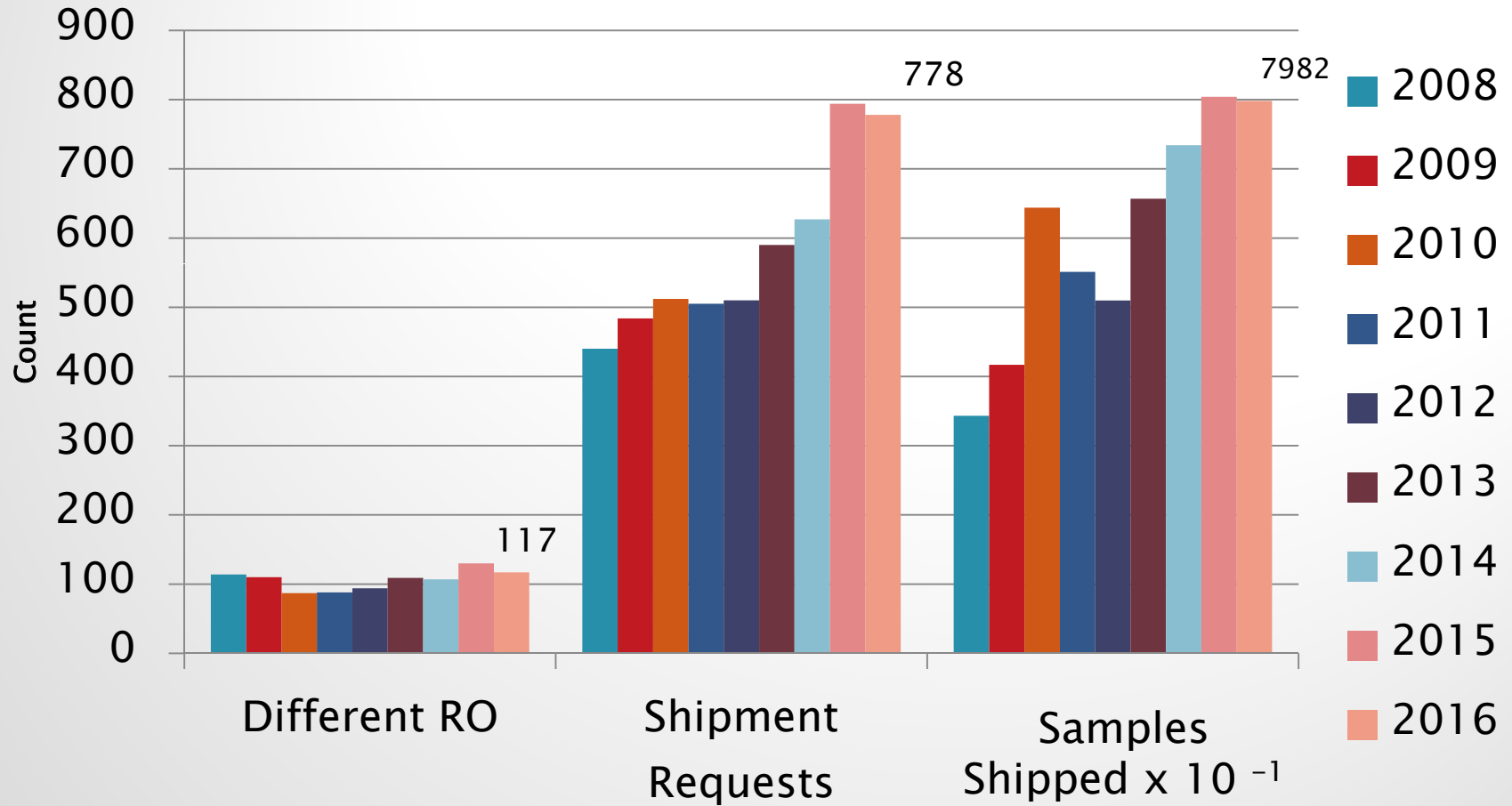
Test Area	No.	Issued	Subject
L-42	16-1	20160517	Corr. to dimension given in FIG. A6.1 Cover Plate Temperature Sensor locating device
1K/1N	16-1	20160526	Changes to 1K/1N Humidity Measurement Device Calibration
C13	16-1	20160526	Oil Consumption Calculation Clarification
L60-1	16-1	20160526	Several editorial changes to clarify how test results are to be reported.
T-11	16-1	20160608	T-11 Test Fuel Sole Supply
T-8	16-1	20160609	T-8 Test Fuel Sole Supply
T-12	16-2	20160609	T-12 Test Fuel Sole Supply
T-13	16-2	20160609	T-13 Test Fuel Sole Supply
VG	16-1	20160610	Alternate Exhaust Manifold
IIIG	16-2	20160616	Re-Use of Piston Pin OHT3F-014-1
IIIF	16-3	20160616	Re-Use of Piston Pin OHT3F-014-1
1K1N	16-2	20160622	Changes to 1K/1N Cooling System Specifications
1P	16-1	20160622	Changes to 1P Humidity Measurement Device Calibration
1R	16-1	20160622	1. Changes to 1R Humidity Measurement Device Calibration 2. Test Fuel Sole Source Designation
COAT	16-1	20160622	COAT Test Fuel Sole Supply and Non-Editorial Ballot Items
L-37	16-2	20160624	Oils for use in lab-assembled axle approval process
L-33-1	16-1	20160624	Adoption of American Axle K2XX hardware for test use
L-33-1	16-2	20160630	Clarification on reporting final, corrected rust merit value
VG	16-2	20160810	Electronic Flow Meter for Coolant Flow Measurement
OSCT	16-1	20160824	Elastomer Slab Thickness Specification for Hardness Measuring
T-13	16-3	20160908	T-13 FTIR Peak Height Oxidation Name Change
T-13	16-4	20161007	T-13 Coolant Filter Requirement and Upper Bearing Outlier Screening

# Reference Oil Procurement

Attachment C  
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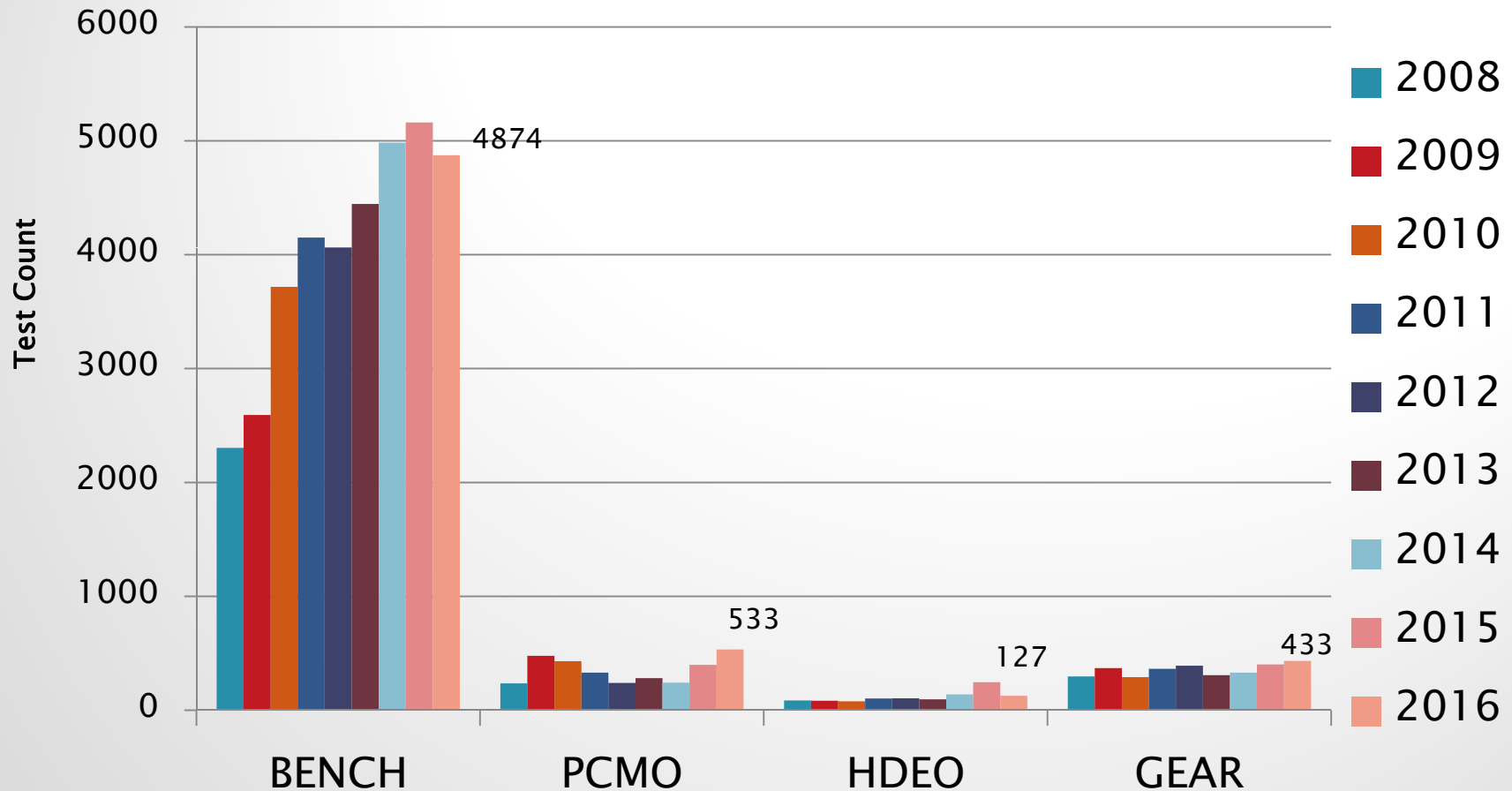
Type	Oil Code	Quantity (gallons)
Diesel Fuel Lubricity	DFA17/DFB17	100

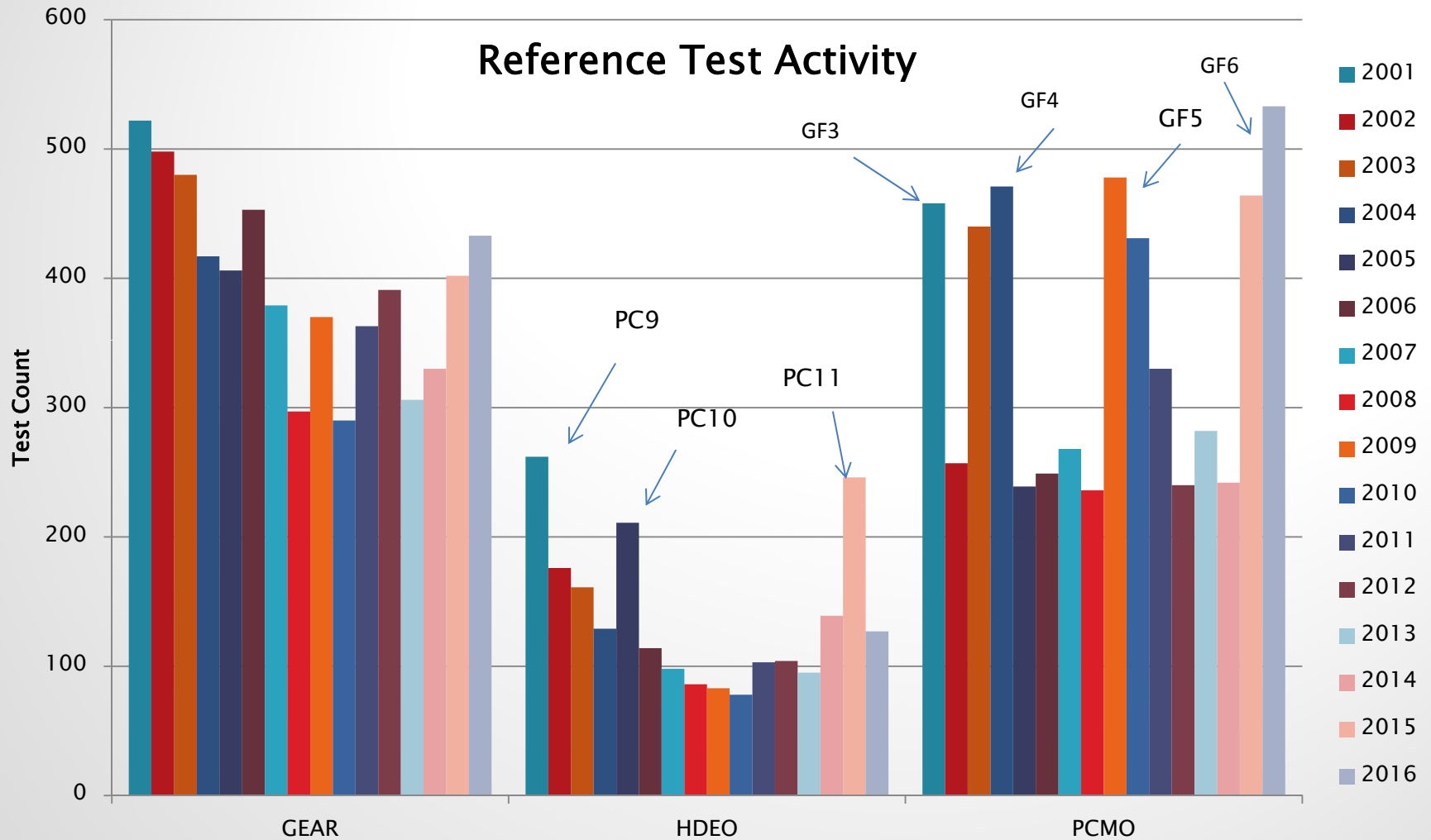
# Reference Oil Shipment Overview



# Reference Test Activity

Attachment C  
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# 1006-2 Status

- ▶ TMC Inventory of 1006-2 is at 2200 gallons
  - It can not be re-blended (Group I basestock not available)
- ▶ 1.5-year usage
  - SF105                      345 gallons
    - Specified in ASTM D471 & GM Standards
  - EOEC/LDEOC            461 gallons
  - IVA/VG/VIII            140 gallons
  - Total                      946 gallons
- ▶ Estimated Life ~24 months

# 1006 Replacement Task Force

- ▶ LDEOEC and HDEOEC scoping of RO 1006 clones – Completed
- ▶ Best clone selected
- ▶ Blend a drum or two for more extensive evaluation
  - Update ASTM classification and surveillance panels to develop further test plans and acceptance
  - Update SAE and OEM / Elastomer stakeholders



# Workshop Group Formation Reminder

Attachment C  
10 of 10

- ▶ A permanent group needs to be formed under the Technical Guidance Committee