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**Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS**

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May 9<sup>th</sup>, 2014

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ASTM D02.B0.03 L-42 Surveillance Panel  
Members and Guests:

Attached for your review and comment are the unconfirmed minutes of the:

**May 7<sup>th</sup>, 2014 Surveillance Panel Meeting (Automation Alley – Troy, MI)**

Please direct any corrections or comments to my attention.

Very Respectfully,

Thomas Gottwald, Chairman  
L-42 Surveillance Panel

L-42 Surveillance Panel Meeting Minutes

Automation Alley – Troy, MI

May 7, 2014

**Attendees:** voting members in **bold**

<b>J. Dharte (AAM)</b>	<b>M. Umerley (LZ)</b>	P. Kanga (XOM)	T. Barrera (Intertek)
<b>T. Gottwald (Afton)</b>	R. Banas (XOM)	B. Kearney (Afton)	W. Recinos (Afton)
<b>R. Warden (SwRI)</b>	D. Bell (Afton)	M. Keisler (Afton)	B. Koehler (SwRI)
<b>B. McGlone (Meritor)</b>	J. Chalkley (Afton)	T. Muransky (Meritor)	F. Bowler (Dana – Call in)
<b>S. Parke (TMC)</b>	B. Dwornick (US Army)	C. Prengaman (LZ)	D. Ottley (Dana – Call in)
<b>A. Trader (Intertek)</b>	J. Gropp (LZ)	K. Zreik (GM)	

**Call to Order**

The meeting PowerPoint presentation is attached.

**Review of Agenda**

The meeting agenda is attached (slide 2 of attached PowerPoint presentation).

**Review of Membership**

Membership is up to date.

The sign-in sheet is attached.

**Approval of Meeting Minutes**

Meeting minutes from the February 12, 2014 L-42 Surveillance Panel meeting, held at PRI in Warrendale, PA → “20131106\_SP”

Meeting minutes from the April 25, 2014 L-42 Hardware Task Force call with Dana → “20140425\_TF”

Meeting minutes from the April 28, 2014 L-42 Hardware Task Force call → “20140428\_TF”

MOTION by B. McGlone to approve the meeting minutes as presented. 2<sup>nd</sup> by J. Dharte. Motion approved unanimously (verbal).

### **New Reporting Packet and Use of TMC 117**

Efforts have been made since the February 12, 2014 L-42 SP meeting to revise the L-42 reporting packet to reflect the use of correction factors for TMC oil 117. "Form 17" was added to accomplish this. With most labs out of TMC 116-1, a concern came up that labs would not be able to reference L-42 stands if the original June 30 implementation date remained for this packet.

The TMC received no negative feedback during the beta period on this packet.

Not all labs are currently ready, but can have their IT groups meet an earlier implementation date.

MOTION by R. Warden; 2<sup>nd</sup> by C. Pregelman; The effective date for the motion below will be changed to May 30, 2014.

Effective ~~June 30, 2014~~, stand calibrations will be conducted using TMC 117. For results generated on TMC Oil 117, a permanent correction factor of +6% coast side scoring is to be used for the pinion rating and a permanent correction factor of +4% coast side scoring is to be used for the ring rating. TMC Oil 116-1 will continue to be used for stand calibrations in the interim.

Motion approved unanimously (verbal).

Until June 30, the motion from the Nov SP meeting below still stands:

*Each lab, for the next three reference periods OR until supplies of TMC 116-1 or hardware are exhausted, shall perform 1 test using TMC 117 after calibrating. The run count on these reference periods will be 21 runs. \* Reference period timing (i.e. 3 months) shall not change.*

Only one lab has TMC 116-1 remaining, but is almost out of hardware.

There was concern that the corrected scoring value on Form 17 would not be updated on Form 1 (to compare candidates to references). It was determined that this is not in the data dictionary, so it is a lab-to-lab issue. Labs can resolve this using manual or coded means.

### **2014 Batch Order**

Frank Bowler (Dana's Project Manager for this build) and Derek Ottley (Dana Lugoff Quality Manager) called in. Introductions were made and a short update was presented to the SP:

The Dana team has reviewed all prints and process notes from the previous batch order (provided by Steve Thornburg and Tim Hammer). Dana is still waiting on the lead time on two components and end yoke. A senior operations director is helping to expedite this. Delivery of all components is targeted to be 4 months from now. Frank should have a complete report on all components by 5/9/14.

Use of USA made Timken bearings has been confirmed.

The SP has given permission to build all gears from one heat code of steel and with one production run (no different from previous batch builds) and to assemble the axles in smaller lots. These lots will a week's build [in Lugoff] at a time – 250 to 500 axles per week. This will be defined in the Plan proposal.

A finished Plan proposal should be available by 5/16/14.

Requests/Actions:

- Labs have not received quotes yet.
  - o Chair to follow up with Gary Schmalbach about this.
- Can a summary of the physical properties of the steel be supplied to the SP?
  - o Frank will work to include this in the Plan proposal.

**New/Open Issues**

Labs desired to hold a separate time slot meeting for L-42-1 discussions at the August ASTM meetings in Warrendale, PA.

**Adjournment**

MOTION by A. Trader to adjourn. 2<sup>nd</sup> by R. Warden.

Motion passed unanimously (verbal).

Respectfully submitted,



Thomas Gottwald

L-42 Surveillance Panel Chairman



## L-42 Surveillance Panel Meeting

Automation Alley








Troy, MI

May 7, 2014

10:00am-11:30am

Passion for Solutions™

# Agenda

-  **Call to Order**
-  **Membership Review & Update/Agenda**
-  **Approval of Meeting Minutes**
-  **New reporting packet & TMC 117 Date**
-  **Batch Order Update**
-  **New/Open Issues**
-  **Adjournment**

# Approval of Meeting Minutes

## SP & TF Meeting Minutes

- ▲ “20140212\_SP” → Feb 12, 2014 – Warrendale, PA
- ▲ “20140425\_TF” → Apr 25, 2014 – Call with Dana
- ▲ “20140428\_TF” → Apr 28, 2014 – Call with Labs

# New Reporting Packet

## TMC is ready to implement

- ▲ No negative feedback during beta period

## Where do the labs stand?

## Concerns with packet



# Use of TMC 117

## Approved motion from Feb meeting:

- ▶ Effective June 30, 2014, stand calibrations will be conducted using TMC 117. For results generated on TMC Oil 117, a permanent correction factor of +6% coast side scoring is to be used for the pinion rating and a permanent correction factor of +4% coast side scoring is to be used for the ring rating. TMC Oil 116-1 will continue to be used for stand calibrations in the interim.

## Review of implementation date: Do we change 6/30/14?






## 2014 Batch Order

- ▲ Labs have had productive discussions with Dana
- ▲ Project lead is identified: Frank Bowler
- ▲ No full quote yet on total costs or timing
- ▲ Labs are compiling expectations to set forth when Dana Plan is ready




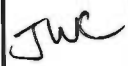
# New/Open Issues

Thanks!

**L-42 Surveillance Panel Membership/Attendance**  
**Automation Alley - Troy, MI**  
**May 7, 2014**

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	Comfort, Allen	V	US Army TARDEC	Phone:	586-282-4225
				E-mail:	<a href="mailto:allen.s.comfort.civ@mail.mil">allen.s.comfort.civ@mail.mil</a>
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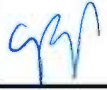

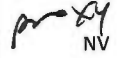

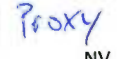
**L-42 Surveillance Panel Membership/Attendance**  
**Automation Alley - Troy, MI**  
**May 7, 2014**

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**Automation Alley - Troy, MI**  
**May 7, 2014**

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**Automation Alley - Troy, MI**  
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**Automation Alley - Troy, MI**  
**May 7, 2014**

Initials	Name	Voting Non-Voting	Company Name Company Address	Contact information	
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