



100 Barr Harbor Drive ■ PO Box C700 ■ West Conshohocken, PA 19428-2959
Telephone: 610-832-9500 ■ Fax: 610-832-9555 ■ e-mail: service@astm.org ■ Website: www.astm.org

Committee D02 on PETROLEUM PRODUCTS AND LUBRICANTS

Chairman: W. JAMES BOVER, ExxonMobil Biomedical Sciences Inc, 1545 Route 22 East, PO Box 971, Annandale, NJ 08801-0971, (908) 730-1048, FAX: 908-730-1197, EMail: wjbover@erenj.com
First Vice Chairman: KENNETH O. HENDERSON, Cannon Instrument Co, PO Box 16, State College, PA 16804, (814) 353-8000, Ext: 0265, FAX: 814-353-8007, EMail: kenohenderson@worldnet.att.net
Second Vice Chairman: SALVATORE J. RAND, 221 Flamingo Drive, Fort Myers, FL 33908, (941) 481-4729, FAX: 941-481-4729
Secretary: MICHAEL A. COLLIER, Petroleum Analyzer Co LP, PO Box 206, Wilmington, IL 60481, (815) 458-0216, FAX: 815-458-0217, EMail: macvarlen@aol.com
Assistant Secretary: JANET L. LANE, ExxonMobil Research and Engineering, 600 Billingsport Rd, PO Box 480, Paulsboro, NJ 08066-0480, (856) 224-3302, FAX: 856-224-3616, EMail: janet_l.lane@email.mobil.com
Staff Manager: DAVID R. BRADLEY, (610) 832-9681, EMail: dbradley@astm.org

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Reply to: Richard Grundza
ASTM Test Monitoring Center
6555 Penn Avenue
Pittsburgh, PA 15206
Phone: 412-365-1031
Fax: 412-365-1047
Email: reg@astmtmc.cmu.edu

Unapproved Minutes of the July 17, 2012 Sequence VI Surveillance Panel Conference Call

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A copy of the call notice is included as Attachment 1. Because the proposed change was the only topic for this conference call, no agenda was issued.

The attendance sheet is included as Attachment 2.

The purpose of the call was to address a request to add language to the Sequence VID procedure to allow a restart of a stage during BSFC generation phase, which is projected to miss the acceptance range for a critical parameter. Proposed wording for this change was included in the notice (see attachment 1). A straw poll of the voting members indicated that the panel was in general agreement with the wording. The discussion began on the counting of these occurrences as a shutdown. Angela Willis first questioned what constitutes a shutdown. The panel agreed that a definition of what a shutdown is needs to be included in the method. The following motion (Gordon Farnsworth, 2nd Jason Bowden) was approved by the panel:
Add to section 3.2 Shutdown—anytime the engine is brought to a complete stop. (unanimous)
A second motion (Gordon Farnsworth, 2nd Jason Bowden) was approved by the panel:
Add to section 3.2 Stage restart--Re-initiate a stage with no engine shutdown. (unanimous)

July 17, 2012 VI Minutes
Conference Call

After considerable discussion and rewording, a motion (Bruce Matthews, 2nd Charlie Leverett) to include the following wording into Section 11.6.5 the following changes was approved unanimously:

*During the BSFC measurement cycle of a test, a stage re-start may be conducted for any stage provided the average of any critical parameter, as detailed in Table 3, is projected to be out of the specified range for that stage, and provided the sixth reading of that stage has not been completed. If the sixth reading of any stage is completed, a stage restart may not be conducted for that stage. Additionally, if the sixth reading of any stage is completed and a critical parameter average is out of the specified range for that stage, the test is considered invalid. Only one stage restart, per stage as shown in table 5, and no more than 4 stage restarts within a test are allowed. Each stage restart shall be documented in the comments section.
Effective Date: 07/17/2012*

The conference call was adjourned at 4:45 PM CDT.

Attachment 1

Sequence VI Surveillance Panel conference Call

July 17, 2012 @ 3:00 CDT

Call in #: 800-391-9177

Pass Code: 4875645502

11.6.5 Stabilized BSFC Measurement Cycle—After the stabilization period of 1 h has elapsed for each stage; use data obtained every 1 s for each of six 5 min segments. Use the data obtained for each 5 min segment to provide average values for speed, torque and fuel flow for the 300 ± 10 samples. These values are then used in the calculation of the BSFC for each segment. These 300 samples are snapshot readings and no averaging or filtering is allowed.

During the BSFC measurement cycle of a test, any stage may be restarted without shutting the engine down provided an outlier for the average of any critical parameter, as detailed in Table 3, is projected for that stage, and provided the sixth reading of that stage has not been completed. If the sixth reading of any stage is completed, that stage may not be restarted. Additionally, if the sixth reading of any stage is completed and a critical parameter average is out of the specified range for that stage, the test is considered invalid. Each valid restart of a stage per this section counts as one of the four unscheduled shutdowns allowed per test according to 11.6.1.1 and must be recorded in the final report.

The main items I see we will need to resolve if the SP agrees to the above proposal are:

- Should restart(s) be considered as a shutdown.
- How many total within a test should be allowed
- Due to the Specified delta between BLB 1 & 2 should restarts count in these stages or does the specified delta cover any issues

Regards,

Charlie Leverett
ASTM Sequence VI Surveillance Panel Chairman

ASTM SEQUENCE VI SURVEILLANCE PANEL

Name	Address	Phone/Fax/Email	Attendance
Bowden, Jason Voting Member ✓	OH Technologies, Inc. P.O. Box 5039 Mentor, OH 44061-5039	Phone: 440-354-7007 Fax: 440-354-7080 dhbowden@ohtech.com	
Bruce Matthews Voting Member ✓	GM Powertrain Engine Oil Group Mail Code: 483-730-472 823 Joslyn Rd	Pontiac, MI 48340: 248-830-9197 bruce.matthews@gm.com	
Andy Ritchie Voting Member Gordon has Proxy ✓	Infineum 1900 East Linden Ave. Linden, NJ 07036-0735	Phone: 908-474- Fax: 908-474-3637	
Ron Romano Voting Member ✓	Ford Motor Company 21500 Oakwood Blvd POEE Bldg Rm DR 167 MD 44 Dearborn, MI 48121-2053	Phone: 313-845-4068 rromano@ford.com	
Leverett, Charlie Voting Member ✓	Intertek Automotive Research 5404 Bandera Road San Antonio, TX 78238	Phone: 210-647-9422 Fax: 210-523-4607 charlie.leverett@intertek.com	
Grundza, Rich Voting Member ✓	ASTM TMC 6555 Penn Ave. Pittsburgh, PA 15206-4489	Phone: 412-365-1034 Fax: 412-365-1047 Dml@tmc.astm.cmri.cmu.edu	
Miranda, Timothy Voting Member	BP Castrol Lubricants USA 1500 Valley Road Wayne, NJ 07470	Phone: 973-305-3334 Timothy.Miranda@bp.com	
Mosher, Mark Voting Member ✓	ExxonMobil 600 Billingsport Road Paulsboro, NJ 08066	Phone: 856-224-2132 Fax: 856-224-3628 mark_r_mosher@exxonmobil.com	
Caudill, Timothy Voting Member	Ashland, Inc. 21st and Front Streets Ashland, KY 41101	Phone: 606-329-5708 Fax: 606-329-3009 Tlcaudill@ashland.com	
Dan Worcester Voting Member Pat Lang has Proxy ✓	Southwest Research Institute (SwRI) 6220 Culebra Road San Antonio, TX 78228	Phone: Fax: dan.worcester@swri.org	
Nathaniel Moles Voting Member ✓	Lubrizol 29400 Lakeland Blvd. Wickliffe, OH 44092	Phone: 440-347- Fax: 440-347-4096	
Glaenger, David Voting Member ✓	Afton Research Center 500 Spring Street Richmond, VA 23218	Phone: 804-788-5214 Fax: 804-788-6358	
Sutherland, Mark Voting Member Joe m proxy ✓	Chevron Oronite Company LLC 4502 Centerview Ste. 210 San Antonio, TX 78228	Phone: 731-5605 Fax: 731-5621 msut@chevrontexaco.com	
Jim Linden	Toyota	lindenjim@hotmail.com	
Haiying Tang	CIMS 482-00-13 800 Chrysler Dr. Auburn Hills, MI USA	HT146@Chrysler.com	

ASTM SEQUENCE VI SURVEILLANCE PANEL

Name	Address	Phone/Fax/Email	Attendance
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Guest Present at meeting

MATT Snider
Dogle Boese
MATT Bowden
Jerry Brys
Mike McMillan
Joe Martinze
Angela Willis
Robert Stockwell