API COPM
Spring Meeting
Dallas, Texas
March 14-18
Monday

March 14, 2016
Meeting to Discuss the Standard Practice for Mixing and Handling Liquid Samples of Petroleum and Petroleum Products
API 8.3 / ASTM D5854

API Spring Meeting Dallas Texas

Time: 8.30am – 10am
Date: Monday March 14th, 2016

1. Welcoming remarks and introductions
2. Ask for volunteer to take minutes
3. Review meeting minutes / actions (PETEX Houston Feb 11th)
4. Sub working groups assignment
5. Develop and agree timeline
6. Potential hurdles
7. AOB

Adjourn
Mercury in Glass Thermometers Ad Hoc Group
9:00 AM March 14, 2016
Hyatt Regency Dallas, Texas

Thomas Patrick - Chairman

1. Introductions
2. Review and approval of Agenda
3. Review and approval of Fall 2015 meeting minutes
4. Update on Phase II progress
5. Discussion on equipment donation request
6. Discussion on planning for Phase III
7. Next meeting
8. Adjourn
API MPMS Chap. 11.3.4
Ethanol-Gasoline Blend VCF Project Sponsor’s Meeting

Monday, March 16, 9:00-10:30 am
Intercontinental Dallas, Addison, Texas

Chairman, Dale Embry

Agenda

- Sign-in sheet / Safety procedures
- Review and approval of the agenda
- Meeting assignments
- Review/approval of previous minutes
- Project Status, E. Carlson – Measurement Strategies
- Proposed schedule
- Discussion
- New business
- Assignments
- Next meeting
- Review of draft minutes
- Adjourn
MEETING AGENDA

American Petroleum Institute (API)

Committee of Liquid Measurement:
Chapter 6.2A Truck and Railcar Loading, Unloading, and Trans-loading Measurement System Design, Working Group

Hyatt Regency Dallas at Reunion
300 Reunion Blvd.
Dallas, Texas, 75207

Monday, March 14th, 2016
10:00 A.M -12:00 P.M.

API MPMS Chapter 6.2A Co-Chairs:
Todd Coffman, Marathon Petroleum LP.
Martin Dudley, Watco Companies, LLC.

1. WELCOME AND CALL TO ORDER Co-Chair(s)
2. ROLL CALL AND INTRODUCTION OF VISITORS Co-Chair(s)
3. APPOINTMENT OF MINUTES WRITER Co-Chair(s)
   - Request volunteer, unless a Co-Chair agrees to take minutes
4. REVIEW AND APPROVAL OF THE AGENDA Working Group
5. OFFICER CHANGES Working Group
   - Current Co-chair positions held by Martin Dudley and Todd Coffman
   - Additional working group member has been added to the roster: Kyle Lee, Crestwood Partners
6. STATUS OF DRAFT DOCUMENT Working Group
   - The group has decided to send the document out for a 4 week circulation for working group ballot.
   - 6.2A has been experiencing minimal participation.
7. OLD BUSINESS

- Complete outstanding action items
- Vote to send document out for working group ballot

8. NEW BUSINESS

- Vote to suspend bi-weekly meeting until working group ballot is complete, then resume with bi-weekly meetings to resolve any action items/comments

9. ADJOURNMENT
AGENDA
American Petroleum Institute (API)
COPM 2016
SPRING MEETING
COLM – Chapter 2
Tank Calibration Working Group
Hyatt Regency Dallas at Reunion
Dallas, Texas
Monday, March 14, 2016
10:00 AM – 12:00 PM

1. Welcome and Call to Order
2. Roll Call and Introduction of Visitors
3. Appointment of volunteer scribe for this meeting
4. Review and approval of agenda
5. Review and approval of minutes of last meeting
6. Review of progress to date on API 2554 and issues outstanding
7. Review of current action items for API 2554
8. Review of API CRE OSU Project
9. Review of progress to date on 2.2A and issues outstanding
10. Review of current action items for 2.2A
11. Review of progress to date on 2.2D and issues outstanding
12. Review of current action items for 2.2D
13. Old business
14. New business
15. Determination of next meeting date and location
16. Meeting adjournment

Chairman
Chairman
Chairman
Working Group
Working Group
Drafting Group
Drafting Group
George Morovich
Michael Zook
Michael Zook
D'Arcy Trask
D'Arcy Trask
Working Group
Working Group
Working Group
Chairman
Meeting to Discuss On-line Measurement of WaterCut in Petroleum (Crude Oil and Condensate)  
API 10.XX  

API Spring Meeting Dallas Texas

Time: 10am – 12noon  
Date: Monday March 14\textsuperscript{th}, 2016

1. Welcoming remarks and introductions
2. Ask for volunteer to the take minutes
3. Review meeting minutes / actions (Cameron Houston Feb 17\textsuperscript{th})
4. Review proposed scope / assign work groups as required
5. Develop and agree timeline
6. Potential hurdles
7. AOB

Adjourn
AGENDA for COMMITTEE ON 22.5
Testing Protocol for Flow Computers
Spring Meeting, Monday, March 14th, 2016: Dallas, TX
10:00 AM – 12:00 PM

Casey Hodges, Co-Chair
Jennifer Merkins, Co-Chair

1. Welcome and Introduction
2. Appointment of Scribe
3. Review and Approval of the Agenda
4. New Developments – Current Status
5. Plan for Moving Forward
6. Discussion
7. New Business
8. Next API Meetings
9. Adjourned

Attendees
Chair
Attendees
Chair
Attendees
Attendees

NOTE: On-site photocopying is expensive. Those members who choose to bring documents to the meeting for review should arrange for copying at their own expense, unless an exception is granted by staff.
AGENDA

API Committee on Production Measurement & Allocation (CPMA)
Chapter 20.2

Production Allocation Measurement Using Single Phase Devices
Working Group

Monday, October 14, 10:30 AM - 12:00 PM

Chad Simonton – WG Chairman

1. Opening remarks/introductions
2. Review of Working Group roster
3. Update on Document Status
4. Discuss how CPMA comments were addressed
5. Next meeting(s)
6. Adjournment
COMQ
ASTM D5842/API MPMS 8.4
Practice for Sampling and Handling of Fuels for Volatility Measurement
Time: 8:30-10:00 am
Date: Monday, March 14, 2016

1. Welcome and introductions
2. Review API anti-trust
3. Volunteer to take minutes
4. Review and approval of Agenda
5. Outcome of the Adhoc group review and recommended changes within the current 8.4
6. New business
   a. Volunteer to chair the update
   b. SR3
7. Adjourn
AGENDA

TYPE TESTING PROTOCOL

API COGFM AD HOC WORKING GROUP

Hyatt Regency Dallas
Monday, March 14, 2016, 1:00 – 2:30

1. Welcome and introductions  
2. Appointment of scribe  
3. Review and approval of agenda  
4. Results of survey of COGFM chairs  
5. Discussion on type testing approach in Chapter 22  
6. Discussion on SR3  
7. Other business  
8. Next meeting  
9. Adjournment  

Darin George  
Working Group  
Working Group  
Working Group  
Working Group  
Working Group  
Working Group
AGENDA

American Petroleum Institute (API)

COPM 2016 SPRING MEETING

COMET - Chapter 1

Terms and Definitions Working Group

Hyatt Regency Dallas at Reunion
Dallas, Texas

Monday, March 14, 2016
1:00 PM – 3:00 PM

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<td>Roll call and Introduction of visitors</td>
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<td>4.</td>
<td>Review and approval of agenda</td>
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<td>5.</td>
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<td>6.</td>
<td>Update on status of the database</td>
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<td>7.</td>
<td>Update on experience by the members to date</td>
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<td>8.</td>
<td>Update on future expectations from API</td>
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<td>9.</td>
<td>Formation of volunteer review group to assist</td>
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<td>10.</td>
<td>Question and Answer Session</td>
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<td>Discussion about creating good definitions</td>
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<td>12.</td>
<td>Old business</td>
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<td>13.</td>
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<td>14.</td>
<td>Determination of next meeting date and location</td>
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<td>15.</td>
<td>Meeting adjournment</td>
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# AGENDA

API Committee on Production Measurement & Allocation (CPMA)  
Chapter 20.1 Allocation Measurement  
Working Group  

InterContinental – Dallas, TX  
Monday, March 14th, 1:00 PM - 4:00 PM  
Arun Kurian — WG Chairman  

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<td>A. Kurian</td>
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<td>Appointment of Scribe</td>
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<td>Antitrust Guidelines</td>
<td>P. Watkins</td>
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<td>5</td>
<td>Review and Approval of the Agenda</td>
<td>A. Kurian</td>
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<td>Proposed Timeline for Completion</td>
<td>A. Kurian</td>
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<td>7</td>
<td>Alignment with Offshore Operator Committee Work</td>
<td>C. Simonton</td>
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<td>8</td>
<td>General Review of the Updated Document</td>
<td>A. Kurian</td>
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<td>9</td>
<td>Drafting Group 2 Update</td>
<td>R. Gebbia</td>
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<td></td>
<td>• 7-Quantity Measurement, 9-Quality Measurement &amp; 10-Calculations</td>
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<td></td>
<td>• Update on sub-groups and areas of focus</td>
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<td>10</td>
<td>Drafting Group 3 Update</td>
<td>B. Wallace</td>
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<td></td>
<td>• 1-Scope, 3-Terms, 4-Process Overview &amp; 8-Sampling</td>
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<td>• Update on the Terms Section</td>
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<td>11</td>
<td>Update on Sampling Sub-Group</td>
<td>T. Furlong</td>
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<tr>
<td>12</td>
<td>Break (2:30-3:00 pm)</td>
<td>A. Kurian</td>
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<tr>
<td>13</td>
<td>Document Review</td>
<td>Group</td>
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<td>14</td>
<td>Next Steps</td>
<td>A. Kurian</td>
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<td>15</td>
<td>New Business</td>
<td>A. Kurian</td>
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<td>16</td>
<td>Next Meetings – October 17 to 21, 2016 in Orange County, CA</td>
<td>A. Kurian</td>
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<td>17</td>
<td>Adjournment</td>
<td>A. Kurian</td>
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</table>
American Petroleum Institute
Committee on Petroleum Measurement
Spring 2016 Meeting
Hyatt Regency Dallas
Dallas, Texas

COMQ Chapter 7.1
Liquid-in-Glass Thermometers
Drafting Group Meeting
Anne Brackett - Chair
Stewart Ash - Consultant

March 14, 2016
1:00 – 3:00 PM

AGENDA

1. Welcome and Introductions
2. Appointment of Scribe
3. Review and Approval of Agenda
4. Minutes of Last Meeting – None Found
5. Discussion of Status of Chapter
6. Discussion of Contents of Chapter
7. Next Meeting
8. Adjournment

Chair/Consultant
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AGENDA
American Petroleum Institute
Spring 2015 COPM Meeting

Chapter 5.6 “Measurement of Liquid Hydrocarbons by Coriolis Meters”

Monday
1:00 PM – 3:00 PM
March 17, 2015

Room: See Final Program
Chairman: Steve Whitman

1. Welcome and Introductions
   Steve Whitman
   Group

2. Agenda Review
   Group

3. Minutes Review
   Group

4. Calculations TAG Update
   Scott Tanner

5. Document Highlights

6. Document Schedule

7. New Business
   W. Group & Visitors
   Group

8. Future Meeting or Meetings

9. Adjournment
   Group
AGENDA - API

Ch 7.2 Temperature Determination, Portable
Electronic Thermometers
Task/Work/Draft/etc/ Group Name
Location

Date
Time of meeting

Chair of Meeting

1. OPENING
2. APPOINTMENT OF MINUTES WRITER (if no permanent Secretary)
3. REVIEW AND APPROVAL OF THE AGENDA
4. BACKGROUND/STATUS OF CH 7.2
5. WALK THROUGH COMMENT LOG OF CH 7.2 DRAFT
6. OLD BUSINESS
7. NEW BUSINESS
8. ADJOURNMENT
Committee on Liquid Measurement

METERING SYSTEMS WORKING GROUP

Hyatt Regency – Dallas, TX

March 14, 2016

1:00 pm – 4:00 pm

Peter Kosewicz – Co-Chair
Morg Bruck – Co-Chair

1. Opening
2. Appointment of Minutes Writer
3. Review and Approval of Agenda
4. Review and Approval of Minutes from 16OCT15
5. Report on Status of Documents
   a. Drafting Group for Chapter 6.1A – General Considerations
      i. Report on meeting of Drafting Group Chairs
      ii. Review any negative ballot comment resolution
   b. Drafting Group for Chapter 6.2A – Truck/Rail
      i. Review and approval to revision of Scope
   c. Drafting Group for Chapter 6.3A – Pipeline/Marine
      i. Review and approval of revision of Scope
6. Review Logistics Issues
   a. Adobe meeting, roster updates, working draft access
   b. Wrap up/ongoing issues
7. Old Business
8. New Business
10. Adjournment

P. Kosewicz
M. Bruck
P. Kosewicz
P. Kosewicz
P. Ross / P. Chacon
M. Dudley/T. Coffman
L. James / T. Phillips
DG’s & WG
Kosewicz
Bruck
Bruck
Agenda -

COMA Chapter 17.8 Working Group

Guidelines for Pre-loading Inspection of Marine Vessel Cargo Tanks

March 15th, 2016
Dallas, Texas
API Spring Committee Meeting

1. Welcome and Opening Remarks
2. Review of WG Membership – Welcome New Members
3. Review of Comments
4. Review of Ballot Comments
5. New Business
6. Any Other Business
7. Date / Place of Next Meeting
8. Adjournment
COMQ Chapter 11 Task Group
Physical Properties
Spring 2016 Agenda
API/ASTM D02 Joint Meeting
Hyatt Regency Dallas at Reunion
Dallas, Texas
3:00pm-5:00pm Monday, March 14, 2016

1. Welcome & Introductions by Chair
2. Membership List & Sign Up Sheet Circulation
3. Review and Approval of Agenda
4. Approval of Previous Minutes
5. Physical Properties Standards
   A. Chapt. 11.1—Crude Oils, Refined Prod., and Lube Oils
      Chapt. 11.1-2004 (Temp. & Press. VCFs for General Crude Oils, Refined Prod., and Lube Oils)
      Status of editorial revisions
      Review of open items

   B. Chapt. 11.2—Light Hydrocarbons
      Chapter 11.2.1 and 11.2.1 M (1984) - Compressibility Factors for Hydrocarbons: 0-90 °API Gravity and
      638-1074 Kilograms per Cubic Metre Ranges
      Chapter 11.2.3 and 11.2.3 M (1984) - Water Calibration of Provers
      Chapt. 11.2.2 - 1984(03) (Compress. Factors for Hydrocarbons: 0.350-0.637 Rel Den. & -50°F to 140°F)
      Chapt 11.2.2 M - 1986(02) (Compress. Factors for Hydrocarbons: 350-637 kg/m³ (15°C) & -46°C to 60°C)
      Chapt 11.2.2 A - 1984 (Addendum to Correlation of Vapor Pressure Correction for NGL)
      Chapt 11.2.4 - 2006 / GPA TP-27 (Temperature Correction for the Volume of NGL and LPG - Tables 23E,
      24E, 53E, 54E, 59E, 60E)
      Status of work item (Keith Fry)
      Chapt 11.2.5 - 2006 / GPA TP-15 (A Simplified Vapor Pressure Correction for Commercial NGL’s)

   C. Chapt 11.3 - Misc. Hydrocarbon Products
      Chapt 11.3.2.1 - 1974(02) (Ethylene Density)
      Status of implementation procedure draft
      Chapt 11.3.3.2 - 1974 (Propylene Compressibility)
      Status of work item
development
      Chapt 11.3.3 - Ethanol VCF Tables (in progress)
      Proposal for expansion to include compressibility
      Chapt 11.3.4 - Gasohol VCF Tables (in progress)
      Status of development
      ASTM D1550 (Butadiene)
      Status of ballot
      ASTM D2962-97 (Coal - Tar Pitches)

   D. Chapt 11.4 - Reference Materials
      Chapt 11.4.1 - 2004 (Density of Water & Water VCFs for Volumetric Meter Proving)
      Status of ballot.
F. Chapt. 11.5  Density/Weight/Volume Intraconversion Tables
Chapt 11.5.1  2006 (Entry With API Gravity at 60°F)
Chapt 11.5.2  2006 (Entry With Relative Density at 60°F)
Chapt 11.5.3  2006 (Entry With Absolute Density at 15°C)

F. ASTM D4311/D4311M - 09 (Asphalts) - not a joint standard, informational only
G. ASTM D1555/D1555M - 09 (Aromatics and Cyclohexane) - not a joint standard, informational only

8. Other Old Business

9. New Business

10. Next Meeting (possible locations)
    2016 Fall Committee on Petroleum Measurement Standards Meeting
    October 17-21, 2016 – Hyatt Regency Orange County, Garden Grove, California

11. Adjournment
AGENDA – API COMET
Spanish Translation Working Group
March 14-18, 2016 - 15:00-17:00
Hyatt Regency Dallas at Reunion
Marcelo Remotti, Chairman

1) Opening, welcome and appointment of minutes writer
2) Review and approval of the Agenda
3) Review and approval of Atlanta Oct 2015 meeting minutes
4) Status Report of Current Work

   a. Current Chapter Work Assignments
      i. Chapters recently published:
      ii. Current Chapter Work Assignments:
      iii. Revised Edition Chapters to review ASAP:
      iv. Sent to proof:

   b. Other Work Items:
      i. Style Guide Revision
      ii. Future Translation List
         This is the SR3 List of pending standards (submitted from the October 2014 meeting)
      iii. STWG Outreach Initiative
      iv. Spanish page on API Website
      v. SR^3 for STWG budget year 2016/17

5) Funding
6) New Business
7) Old Business
8) Adjournment
Tuesday

March 15, 2016
Committee on Production Measurement & Allocation

Chapter 20.5 Well Rate Determination Working Group

Dallas, TX

Tuesday, March 15, 2016

08:30 - 12:00

1. Opening
2. Attendance list / introductions
3. Review and approval of agenda
4. Approval of the minutes of the previous meeting
5. Update on draft progress
6. Discuss Working Group comments
7. Forward plan
8. Adjournment
Agenda
American Petroleum Institute
Chapter 14.3 Part 4 Working Group

8:30AM – 12:00PM
Tuesday
March 15, 2015
Dallas, TX

Mary Abens, Chairperson

1. WELCOME

2. INTRODUCTIONS

3. REVIEW AND APPROVAL OF AGENDA

4. REVIEW AND APPROVAL OF LAST MEETING MINUTES
   (ATLANTA MEETING)

5. REVIEW OF CHAPTER 14.3 PART 4 DRAFT

6. OTHER BUSINESS

7. NEXT MEETING

8. ADJOURNMENT

NOTE: On-site photocopying is very expensive, therefore, those members who choose to bring documents to the meeting for review should be prepared to arrange for copying at their own expense, unless an exception is granted by staff.
AGENDA
American Petroleum Institute (API)
2016 Spring COPM – March 15, 2016 08:30

COMA - Chapter 17.14 – Measurement of Bulk Cargoes by Draft Displacement Survey

1) Attendees (Roll Call)

2) Assign who will take minutes

3) Review of Minutes from October Meeting in Atlanta
   a) October 20th, 2015

4) Discuss details/comments from meeting in Atlanta.

5) Updates on assigned sections
   a) Barge Deadweight – Pete Kolp
   b) Barge - Jack Smith
   c) Vessel - Alex Koutaskis

6) Review and comment on submitted section text.

7) New Assignments?

8) Next working meeting–API COPM meeting in Dallas, Wednesday March 16, 2015 @ 10:30.

9) Next general Meeting–API COPM meeting in Garden Grove, Tuesday October 18, 2016.
Agenda

American Petroleum Institute
Committee on Liquid Measurement (COLM)
Chapter 12 - Calculation of Petroleum Quantities

08:30 - 12:00
Tuesday, March 15th, 2016

Hyatt Regency Hotel
Dallas, TX

A. Kay, Chairman

1. OPENING AND WELCOME
2. REVIEW AND APPROVAL OF AGENDA
3. APPROVAL OF MINUTES OF PREVIOUS MEETING
4. REVIEW OF CURRENT STATUS OF CHAPTER 12 DOCUMENTS
   - Chapter 12.1.1 - issue with CTSh on marine vessels
   - Chapter 12.1.2
   - Chapter 12.3 - no activity anticipated
   - Chapter 12.4.1 - Status updates
   - Chapter 12.4.2 - no activity until Chapter 12.2 published
   - Chapter 12.4.3 - no activity until Chapter 12.2 published
5. CHAPTER 12.2 - REVIEW STATUS OF BALLOT COMMENTS, NEGATIVE BALLOTS AND FUTURE ACTIONS
6. NEW BUSINESS
7. NEXT MEETING
8. ADJOURNMENT
AGENDA

API COMQ Chapter 10 / ASTM D02.02.10
Sediment and Water TAG

Tuesday, March 15, 2016
9:00 am to 11:00 am

Mark Osicki, Chair

1. OPENING
   M Osicki

2. REVIEW AND APPROVAL OF THE AGENDA
   M Osicki

3. REVIEW AND APPROVAL OF October 2015 MINUTES
   M Osicki

4. BALLOT ITEMS
   a. Status of Ballots
      API Staff

5. WORKING GROUP UPDATES
   a. 10.7, Karl Fischer by Potentiometric Titration
      K Nelson
   b. Ad hoc - Water in Crude by Karl Fisher – Field Method
      J Strawn
   c. Ad hoc – New round robin of KF checks
      B Schmidt
   d. Ad hoc - On-Line Water Determination Standard (TR 2573)

6. OLD BUSINESS
   M Osicki

7. NEW BUSINESS
   M Osicki

8. NEXT MEETING
   Discussion of next meeting date and location
   M Osicki

9. ADJOURNMENT
   M Osicki
Agenda

American Petroleum Institute
Committee on Liquid Measurement
Chapter 3 Task Group Meeting - Tank Gauging
Hyatt Regency Dallas at Reunion
Dallas, Texas
March 15, 2016
10:00 am – 12:00 pm
Miles Chaney / Jeff Carty Co-Chairs

1. Opening remarks / introductions  
M. Chaney / J. Carty
2. Membership list & sign-in sheet circulation  
M. Chaney / J. Carty
3. Appointment of volunteer scribe for this meeting  
M. Chaney / J. Carty
4. Review and Approval of Agenda  
M. Chaney / J. Carty
5. Reports on Status of Documents
Arthur Ash
   3.1B Level Measurement of Liquid Hydrocarbons in stationary tanks by Automatic Tank Gauging (2016)  
Christian Skaug / Hilary Gleitz
   3.2 Gauging Petroleum and Petroleum Products in Tank Cars (2018)  
Open
   3.3 Level Measurement of Liquid Hydrocarbons in Stationary Pressurized Storage Tanks by Automatic Tank Gauging (2016)  
Open
Open
Open
   3.6 Measurement of Liquid Hydrocarbons by Hybrid Tank Measuring Systems (2016)  
Open
6. Old Business
7. New Business
8. Next Meeting – Oct. 17-21, 2016 Garden Grove, California
9. Adjournment
Agenda

COMA Chapter 17.10 Working Group

Measurement of Refrigerated and Pressurized Cargoes on Marine Tank Vessels

March 15, 2016
Hyatt Regency Dallas @ Reunion
Dallas, Texas
1000 – 1200

Bruce W. Abugel – Chairman
Don L. Sextro – Vice-Chair

1. Welcome and Opening Remarks
2. Review of WG Membership – Welcome New Member(s)
3. New Business
4. Status of Publication of Revised 17.10.2
5. Discussion of Issuance of Guidance on Custody Transfer of LNG and LPG Cargoes Using Static and Dynamic Methods
6. Discussion of Use of LNG as Engine Fuel on Non – LNG Carriers
7. Presentation of New Standards Related to Foregoing
8. Presentation of ABS Work on LNG as Fuel on Non – LNG Carriers
9. Status of WG Relation With ISO
10. Any Other Business
11. Date / Place of Next Meeting
12. Adjournment
AGENDA
American Petroleum Institute (API)
Fall Meeting 2016
COLM – Chapter 4.9.1 Drafting Group

Introduction to the Determination of the Volume of Displacement and Tank Provers

Hyatt Regency Dallas Reunion
Dallas, Texas

Tuesday, March 15, 2016
10:00 AM – 12:00 PM

1. Welcome and Call to Order
   Chairman

2. Roll Call and Introduction of Visitors
   Chairman

3. Appointment of volunteer scribe for this meeting
   Chairman

4. Review and approval of agenda
   Drafting Group

5. Review and approval of minutes of last meeting
   Drafting Group

6. Review of pending assignments
   Drafting Group

7. Review and update of the current draft
   Drafting Group

8. Recap of new action items and assignments
   Drafting Group

9. Old business
   Drafting Group

10. New business
    Drafting Group

11. Determination of next meeting date and location
    Drafting Group

12. Meeting adjournment
    Chairman
# Meeting Agenda

## API Chapter 8 Sampling TAG

**SECTION CHAIRMAN:** Bobby Moore  
**Date:** March 15, 2016  
**Time:** 10:30 – 12:00pm  
**Place:** Dallas, TX

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<th>Discussion / Action</th>
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<tr>
<td>Guidelines and Introductions</td>
<td>B. Moore</td>
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<tr>
<td>Appointment of Scribe</td>
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<tr>
<td>Review and Approval of Agenda</td>
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<td>Review and Approval of Dallas Spring Meeting Minutes</td>
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<td>Roster Review</td>
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<td>Status Update ASTM D5854 / API MPMS 8.3 Reaffirmed March 2015 (Mixing and Handling)</td>
<td>G. Clark</td>
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<tr>
<td>Status Update ASTM D5842 / API MPMS 8.4 (Handling Fuels for Volatility Measurement)</td>
<td>B. Moore</td>
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<tr>
<td>Old business</td>
<td>All</td>
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<tr>
<td>New business – Bob Faulkner</td>
<td>All</td>
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<tr>
<td>Next Meeting - API COPM Fall 2016</td>
<td>B. Moore</td>
</tr>
<tr>
<td>Meeting Adjournment</td>
<td>B. Moore</td>
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</tbody>
</table>
COGFM

Technical Report 2571 Fuel Gas Measurement

Time: 10:30a- 12:00p
Date: Tuesday, March 15, 2016
Location: Hyatt Regency Dallas at Reunion

1. Welcoming remarks and introductions
2. Volunteer to take minutes
3. New Business
   a. Review current proposal for revision of document and transition from a Technical Report to a Recommended Practice
   b. Review those areas within the document where revision to the document is suggested
   c. Solicitation for drafting group volunteers
   d. Develop a strawman schedule of FTF and telecon meetings to accelerate progress
4. Adjourn
I. Welcoming remarks (Chair)
II. Review and approval of the agenda (Chair)
III. Review and approval of the minutes (Chair)
IV. Statuses:
   a. 13.3: In publication
   b. 13.1: Review opening for revision
   c. 13.2: Review opening for revision
V. Adjournment (Chair)
Agenda

American Petroleum Institute
Chapter 14.3 Working Group

1:00 PM – 4:00PM
Tuesday
March 15, 2016

Hyatt Regency Dallas at Reunion
Dallas, Texas

Don Sextro, Chairman

1. Welcome
   - D Sextro

2. Introductions
   - Group

3. Review and Approval of Agenda
   - Group

4. Review and Approval of Last Meeting Minutes
   - Group

5. Part 1 – Status Review
   - D Sextro

6. Part 3 – Status Review
   - D Sextro

7. Part 2 – Update on Revision
   - J Williams

8. Part 4 – Update on Revision
   - M Abens

9. Other Business
   - Group

10. Next Meeting
    - Group

11. Adjournment
    - D Sextro
Agenda

American Petroleum Institute
COMMITTEE ON MEASUREMENT EDUCATION & TRAINING

1:30 pm – 4:00 pm
Tuesday, March 15, 2016

Hyatt Regency Reunion
Dallas, TX

Fateh (TJ) Tajani, Chairman
Marcelo Remotti, Vice Chairman

1. Opening
   TJ Tajani

2. Roll Call
   Sally Goodson

3. Review and approval of agenda
   TJ Tajani

4. Review and approval of Fall 2015 meeting minutes
   TJ Tajani

5. Feedback on the breakfast and training sessions
   Group
   a. General Session – Monday morning
   b. General Session – Tuesday morning

6. COPM Orientation and Work Group Initiatives
   Ari Camin
   a. New Member Orientation,
   b. Survey Initiatives,

7. Chapter 1 Revision Updates
   Dan Comstock

8. Spanish Translation Work Group
   Marcelo Remotti

9. API’s training
   Sally Goodson

10. COMET seminar topics for Fall 2016 COPM meeting
    TJ Tajani

11. Invitation to new members
    TJ Tajani

12. Adjournment
    TJ Tajani
AGENDA

Committee D02.02.09/ COMQ
CONTINUOUS DENSITY WORKING GROUP
March, 2016
Peter Kosewicz – Chair
Don Sextro – Vice Chair

1. Opening
2. Appointment of Minutes Writer
3. Review and Approval of Agenda
4. Review and Approval of Minutes from Last Meeting
5. Review of Comments from Ballot of CD Document
6. Other issues and topics of meeting
7. Old Business
8. New Business
9. Next Meeting of Working Group
10. Adjournment
Agenda
American Petroleum Institute
Chapter 5 – Metering Meeting

1500-1700 CDT
Tuesday, 15MAR16

COPM Spring 2016 Meeting
Hyatt Regency – Dallas, TX

Morg Bruck, Chair
Open, Vice Chair

1. Welcome and Introductions (open to all attendees)

2. Request for volunteer to record minutes

3. Review and Approve Agenda

4. Review and Approve Minutes of Fall 2015 Meeting

5. Chapter 5 Working Group Reports
   a. Sections 5.1 through 5.5
   b. Section 5.6
   c. Section 5.8

Bruck/Jones
Steve Whitman
Bruck/Jones

6. Status of reaffirmations and ballots – if any

Jennifer Jones

7. New business

Bruck/Jones

8. Review of Items to be discussed at the COLM meeting

Jennifer Jones

9. Review of any action items

Morg Bruck

10. Next Meeting – 17OCT16, Hyatt Regency – Beverly Hills, CA

11. Adjourn

All
Agenda
API CPMA:
Committee on Production Measurement & Allocation
Tuesday, 15 March 2016
3:00 pm – 5:00 pm
Hyatt Regency at Reunion Dallas, TX

1. Opening remarks/introductions
2. Roll call/membership report
   2.1. Determination of quorum
3. Adoption of the agenda
4. Approval of the minutes of prior meeting (October, 2015)
5. Work Group Presentations
   5.1. Ch. 20.1 Production Measurement & Allocation
   5.2. Ch. 20.2 Production Allocation Measurement Using Single Phase Devices
   5.3. Ch. 20.3 Multiphase Metering
   5.4. [Ch. 20.4] Draft Standard Phase Behavior Application
   5.5. Ch. 20.5 Well Rate Determination
6. BSEE Report
7. BLM Report
8. New Work Proposals/Funding requests: SR3
9. Other Business
10. Date of next meeting
11. Adjournment

Zimmerman
Watkins
Watkins
Zimmerman
Zimmerman
Zimmerman
Kurian
Simonton
Chaçon/Mullally
Zimmerman
Zimmerman
Johnson
McLaren
Zimmerman
Zimmerman
Agenda

American Petroleum Institute
COMMITTEE ON MEASUREMENT ACCOUNTABILITY (COMA)
Chapter 17.3 Guidelines for Identification of the Source of Free Waters Associated with
Marine Petroleum Cargo Movements
Dallas, TX

Time: 3:00 pm -- 5:00 pm
Day: Tuesday March 15th, 2016

Tom Patrick Chairman

1. OPENING AND WELCOME
2. ROLL CALL
3. REVIEW AND APPROVAL OF AGENDA
4. CHAPTER REVIEW UPDATE
5. REVIEW COMMENTS TO OPENNING OR REAFFIRM
6. NEW BUSINESS
7. ADJOURMENT

Tom Patrick
Tom Patrick
Tom Patrick
Tom Patrick
Group
Tom Patrick
Tom Patrick
Agenda
API CPMA:
Committee on Production Measurement & Allocation
Tuesday, 15 March 2016
3:00 pm – 5:00 pm
Hyatt Regency at Reunion Dallas, TX

1. Opening remarks/introductions
2. Roll call/membership report
   2.1. Determination of quorum
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   5.1. Ch. 20.1 Production Measurement & Allocation
   5.2. Ch. 20.2 Production Allocation Measurement Using Single Phase Devices
   5.3. Ch. 20.3 Multiphase Metering
   5.4. [Ch. 20.4] Draft Standard Phase Behavior Application
   5.5. Ch. 20.5 Well Rate Determination
6. BSEE Report
7. BLM Report
8. New Work Proposals/Funding requests: SR3
9. Other Business
10. Date of next meeting
11. Adjournment
AGENDA – API
CHAPTER 7 WORKING GROUP
TEMPERATURE DETERMINATION
MARCH 15, 2016
Hyatt Regency, Dallas, Texas

ANNE BRACKETT, Chairman

1. OPENING & INTRODUCTIONS  Anne Brackett
2. REVIEW AND APPROVAL OF THE AGENDA Anne Brackett
3. REVIEW & APPROVAL OF CHAPTER 7 MINUTES Anne Brackett
4. MERCURY-IN-GLASS THERMOMETERS ALTERNATIVES TESTING
   Report on preparation for Phase II testing.  Tom Patrick
5. DISCUSSION ITEMS  Anne Brackett
   a. Status of Sections
      1. 7.1 Liquid-in-Glass Thermometers  Stewart Ash
      2. 7.2 Portable Electronic Thermometers  Christian Skaug
      3. 7.4 Dynamic Temperature Measurement  Todd Phillips
6. DECISION ON NEXT WORKING GROUP MEETINGS  Anne Brackett
7. ADJOURNMENT
Wednesday

March 16, 2016
Meeting Agenda
American Petroleum Institute

SUB-COMMITTEE ON MEASUREMENT ACCOUNTABILITY (COMA)

07:30am – 9:30am
Wednesday, March 16, 2016

Hyatt Regency at Reunion
Dallas, TX

Juri Koern, Chairman
John Ianni, Vice Chairman

1. Opening, Welcome and appointment of a scribe
2. Roll Call
3. Review and Approval of Agenda
4. Review and Approval of Fall 2015 meeting minutes
5. Review and Update of COMA Activities

A. Status of Standards Due


B. Standards under Revision/ Review – Update

   i. Chapter 17.3 (2nd edition) – Guidelines for Identification of the Source of Free Waters Associated with Marine Petroleum Cargo Movements – Due September 2014 (2 year extension granted until May 2016)

   ii. Chapter 17.4 (2nd edition) – Method for Quantification of Small Volumes on Marine Vessels (OBQ/ROB) – Due August 2014 (2 year extension granted until May 2016)

   iii. Chapter 17.8 (2nd edition) – Guidelines for Pre-Loading Inspection of Marine Vessel Cargo Tanks – Due September 2014 (2 year extension granted until May 2016)

   iv. Chapter 17.9 (2nd edition) – Vessel Experience Factor (VEF) – Due May 2017

   v. Chapter 17.11 (2nd edition) – Measurement and Sampling of Cargoes on Board Tank Vessels Using Closed/Restricted Equipment – Due May 2018
vi. Chapter 17.10.2 (2nd edition) – Measurement of Refrigerated and/or pressurized Cargoes on Board Marine Gas Carriers – Part 2 Liquefied Petroleum and Chemical Gases – Due October 2017


6. COMA Ad – Hoc Meeting

7. Liaison Reports
   A. COMET – Chapter 1 Terms and Definitions
   C. LEAP Update
   D. API/EI Liaison Report
   E. IFIA Reports

8. Other Business

9. Next Meeting (Week of October 17-21, 2016, Garden Grove, CA)

10. Adjournment
### Meeting Agenda
**Chapter 6.3a**

**Spring 2016**  
**Dallas, Texas**

<table>
<thead>
<tr>
<th>Agenda Topic</th>
<th>Discussion</th>
<th>Action</th>
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<tbody>
<tr>
<td>Roll call</td>
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<tr>
<td>Decide who will write the minutes (if no permanent secretary)</td>
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</table>
| **Review of agenda** | 1) Revisit 6.3a Meeting Minutes from Fall 2015  
2) State the organization of 6.3a  
   a) Coordination with 6.1A specification, which is single point reference for Metering Systems.  
   b) Addresses pipeline, marine loading and unloading and viscous product applications.  
   c) Address products to be covered (crude, condensate, refined, aromatics??, chemicals??)  
   d) Contains requirements that are missing from the other API chapters.  
3) Review the current working draft dated 09-24-14.  
4) Incorporate content into revised working draft.  
5) Assign content creation to working group members.  
6) | |
| Other issues and topics of meeting | | |
| Actions by next meeting | | |
| Actions for next meeting | | |
| Old business | | |
| New business | | |
| Date of next meeting | | |
| **Adjourn** | | |
8:00 AM – Meeting starts

1. Call to order, introductions, overall meeting plan and agenda review.

2. Minutes of previous meetings, attendance list

3. Review of minutes from AGA 8 meeting in January, San Diego

4. Review ballots of API 14.2/AGA 8 Parts 1 and 2 and discuss how to proceed with those not yet addressed

5. Discuss any new items in API 14.2/AGA 8 that are of concern

6. Other Business

10:00 AM – Meeting hopefully adjourns
AMERICAN PETROLEUM INSTITUTE

CHAPTER 4.2 DISPLACEMENT PROVERS

AGENDA

2016 Spring Meeting
Dallas, Texas
Chairman: Kenneth Wilson.

I. OPEN MEETING

II. Review and approve agenda

III. Discuss candidates for Chairman of Chapter 4.2

IV. Review of issues of Chapter 4.2 to be updated

V. Schedule initial meeting to begin work on the document

VI. ADJOURNE MEETING
Agenda

American Petroleum Institute

Chapter 14.10 WG

Hyatt Regency Dallas at Reunion - Dallas, TX

Wednesday March 16, 2016, 10:00 am – 12:00 pm

Chair, Eric Estrada
Vice-Chair, TBD

1. Opening and Welcome

2. Introductions and sign-in sheet

3. Review and approval of agenda

4. Review and Approve Minutes

5. Determine a Vice-Chairman

6. API MPMS Chapter 14.10
   a. Review Scope and develop SRRR if necessary to clear up analytical instrumentation statement
   b. Continue review of standard

7. New Business

8. Old Business

9. Schedule Next Meeting

10. Adjourn
AGENDA

API COMQ / ASTM D02.02 STATIC MEASUREMENT

Wednesday, March 16, 2016
Dallas, TX
10:00am to 12:00am

Kristen Nelson, COMQ Chair
David Fish, Vice Chair
Hap Thompson, Vice Chair – ASTM Liaison

1. OPENING

2. MEMBERSHIP AND ROLL CALL
   a. Proxies
   b. Membership Changes
   c. Roll Call

3. REVIEW AND APPROVAL OF THE AGENDA

4. REVIEW AND APPROVAL OF DECEMBER (ASTM) 2014
   MINUTES

5. INFORMATION ITEMS
   a. Status of Standards
   b. Status of Ballots
   c. Officer Changes

6. WORKING GROUP REPORTS
   a. MIGTF
   b. Chapter 7 – Temperature Determination
   c. Chapter 8 – Sampling
   d. Chapter 9 – Density Determination
   e. Chapter 10 – Sediment and Water
   f. Chapter 11 – Physical Properties Data
   g. Chapter 15 – Guidelines for the Use of SI Units
   h. Chapter 18 – Crude Oil Gathering from Lease Tanks

   K. Nelson
   S. Goodson
   K. Nelson
   S. Goodson
   T. Patrick
   A. Walker-Brackett
   B. Moore
   P. Kosewicz
   M. Osicki
   D. Embry
   B. Schmidt
   D. Weidig
7. Chapter 1 Terms and Definitions
   H. Thompson
8. Old Business
   K. Nelson
9. New Business
   K. Nelson
10. Next meeting
    K. Nelson

The next COMQ/ASTM D02.02 meeting is scheduled to take place the week of October 17, 2016.
AGENDA
American Petroleum Institute (API)
2016 Spring COPM – March 16, 2016 10:30

COMA - Chapter 17.14 – Measurement of Bulk Cargoes by Draft Displacement Survey

1) Attendees (Roll Call)
2) Assign who will take minutes
3) Discuss details/comments from General meeting in Dallas
4) Review and comment on submitted section text.
   a) Barge Deadweight – Pete Kolp
   b) Barge - Jack Smith
   c) Vessel - Alex Koutaskis
5) New Assignments?
6) Determine next Teleconference Date?
7) Next general Meeting–API COPM meeting in Garden Grove, Tuesday October 18, 2016.
8) Next working meeting–API COPM meeting in Garden Grove, Wednesday October 19, 2016.
Agenda
Proving Systems, API MPMS Chapter 4 Work Group
Wednesday, March 16 2016
Dallas, TX
Chair: Galen Cotton
Co-Chair: Warren Parr

1. Opening, Welcome and Introductions
2. Review & Approval of Agenda
3. Review and Approval of the October 20, 2015 Minutes
4. Chapter 4 Working Group Reports:
   - Chapter 4.5 (Henry James)
     - Report on clearing of ballot comments and negative votes
   - Chapter 4.2
     - Progress Report (Ken Wilson)
   - Chapter 4.9.1
     - Progress Report (Dan Comstock)
5. Status progress on Chapter 4.9.1
6. New Business
   - Chapter 4.6
     - Chair succession plan
7. Management of TERMS and DEFINITIONS in MPMS Standards
   - Status update of current effort, if relevant.
8. Review Items to be discussed at the COLM Meeting
9. Review Action Items and Assignments
10. Next Meeting – March 2015, Dallas, TX.
11. Adjournment

Staff: Jennifer Jones, Patrick Hefflinger
Distribution:
Dan Comstock
Warren Parr  Mark Desinger
Ken Wilson  Steve Whitman
Henry James  Peter Kosewicz
Meeting Agenda
CELE Meeting, Fall 2015
Dallas, Texas
Wednesday, March 16, 2015 – 1:00 PM–5:00 PM
Thursday, March 17, 2015 – 8:00 AM–12:00 PM

1. Introductions and Opening remarks from the members – All present
2. Membership/Roll Call to determine quorum – S. Goodson
3. Review of Agenda, Amendments to the Agenda from the floor – Chair
4. Approval of previous meeting minutes (October 21, 22 - 2015) – Chair
5. Discussion of old/continuing business/action items: Brief update, member input and resolution/go forward plan for pending issues:
   5.1. TR 2567 & TR 2568
       5.1.1. Chapter 19.6, part 2 (TR 2568) – Update of status of finalizing draft of new Appendix D giving guidance on estimating emissions when using distillate to reduce degassing emissions and reformatting the document to become a Standard – S. Goodson
       5.1.2 Chapter 19.6, part 1 (TR 2567) – Document has been balloted, ballot passed and comments resolved. – S. Goodson
   5.2. New TR 2567 on short term emissions
   5.3. Ch. 19.1 Addendum/Estimating emissions from heated tanks
   5.4. Ch. 19.3 Part H, Tank Seals and Fittings Certification – revision (incorporating Parts F and G as appropriate)
       Review of Status of the document – N. Strid
   5.5. Ch. 19.4. Evaporative Loss Reference Information and Speciation Methodology
       5.5.1. Phase I status update – N. Strid
   5.6. Ch. 19.5, Atmospheric Hydrocarbon Emissions from Marine Vessel Transfer Operations – Publication of TR on field testing protocol and observations on field testing – P. Watkins
   5.7. PTAC UG and Horizontal Tank Emissions: Convective Evaporation Losses Study – C. Caico, S. Goodson
6. EPA Report – M. Ciolek
7. CARB Report – J. Fischer
8. TCEQ Report – T. Hurley
9. Review of ongoing CELE projects and potential new projects/priorities
   9.1. SR3s/funding requests
10. Discussion of New Business Items: Brief update, member input and resolution/go forward plan for pending issues
11. Action item review and schedule for next two conference calls before the Fall 2016 meeting (October 17-21, 2016 – Garden Grove, CA) – S. Goodson
12. Wrap-Up and Adjournment – Chair
Thursday

March 17, 2016
Agenda
Committee on Liquid Measurement Meeting
Thursday, March 17, 2016 8:00 AM
Dallas, Texas
Chair: Buster Philley

1. Opening, Welcome and Introductions  
   Buster Philley

2. Roll Call / Quorum Determination / Appointment of Scribe  
   Jennifer Jones

3. Review & Approval of Agenda  
   Committee

4. Review & Approval of the Fall 2015 Meeting Minutes  
   Committee

5. Standards Reaffirmation / Ballot / Status Review  
   Jennifer Jones

6. COLM Working Group Reports  
   Dan Comstock
   Jeff Carty / Miles Chaney
   Galen Cotton
   Morg Bruck
   Peter Kosewicz / Morg Bruck
   Arthur Kay
   Mark Desinger
   David Weidig
   Jennifer Jones
   Committee

7. New & Other Business
   New SRRR Etc. as required

8. Next Meeting – October 17-21, 2016, Garden Grove, CA
   Buster Philley

9. Chairman’s Closing Remarks
   Buster Philley

10. Adjournment
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<th>Agenda Item</th>
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<tr>
<td>1</td>
<td>Welcome and Introduction</td>
<td>Attendees</td>
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<tr>
<td>2</td>
<td>Roll call/Quorum determination</td>
<td>Jennifer Jones</td>
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<tr>
<td>3</td>
<td>Review and Approval of the Agenda (Changes)</td>
<td>Attendees</td>
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<tr>
<td>4</td>
<td>Review and Approval of minutes of 2015 Spring Meeting</td>
<td>Attendees</td>
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<tr>
<td>5</td>
<td>Chapter 14.1: Collection and Handling of Natural Gas Samples for Custody Transfer</td>
<td>Jennifer Jones</td>
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<td>6</td>
<td>Chapter 14.2: Compressibility Factor of Natural Gas &amp; other Related HC Gases (AGA No. 8)</td>
<td>See AGA Report</td>
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<td>7</td>
<td>Chapter 14.3: Concentric, Square-Edged Orifice Meters</td>
<td>Don Sextro, Jane Williams, Don Sextro, Mary Abens</td>
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<td>8</td>
<td>Chapter 14.4: Converting Mass of NGL and Vapor to Equivalent Liquid Volumes (GPA 8173)</td>
<td>Don Sextro</td>
</tr>
<tr>
<td>9</td>
<td>Chapter 14.5: Calculation of Gross Heating Value, Specific Gravity, and Compressibility of Natural Gas Mixtures from Compositional Analysis (GPA 2172)</td>
<td>Don Sextro</td>
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<td>10</td>
<td>Chapter 14.6: Continuous Density Measurement (9.4)</td>
<td>Peter Kosewicz</td>
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<td>Chapter 14.7: Mass Measurement of Natural Gas Liquids (GPA 8182)</td>
<td>Eric Estrada</td>
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<td>12</td>
<td>Chapter 14.8: Liquefied Petroleum Gas Measurement</td>
<td>Ken Wilson</td>
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<td>13</td>
<td>Chapter 14.10: Measurement of Flow to Flare</td>
<td>Eric Estrada</td>
</tr>
<tr>
<td>15</td>
<td>Chapter 22.1: Testing Protocol – Introduction</td>
<td>Jennifer Jones</td>
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<tr>
<td>16</td>
<td>Ad Hoc Wireless Group</td>
<td>Attendees</td>
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<td>17</td>
<td>TR2571: Fuel Gas Measurement</td>
<td>Buster Philley</td>
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<td>18</td>
<td>Updates from Other Organizations</td>
<td>Ali Quraishi, Fred Jacobs, Rich Estabrook, Martin Erne</td>
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<tr>
<td>19</td>
<td>New Business</td>
<td>Attendees</td>
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<tr>
<td>20</td>
<td>Next Meeting/Adjournment</td>
<td>Garden Grove, CA Oct 20, 2016</td>
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Friday

March 18, 2016
Meeting Agenda
American Petroleum Institute
COMMITTEE ON PETROLEUM MEASUREMENT
8:00 A.M. – Noon, Friday, March 18, 2016
Hyatt Regency Hotel at Reunion, Dallas, TX
Bill Schmidt, Chair
David Miller, Secretary

MEETING PURPOSE:

1) Discuss industry trends that impact the standards-writing work of the COPM
2) Review and act on recommendations from COPM Committees
3) Review the status of the approved 2016 and proposed 2017 projects
4) Review status and future actions on COPM strategic objectives

1. OPENING REMARKS & MEETING PURPOSE (8:00) B. Schmidt

2. SELF-INTRODUCTIONS AND QUORUM DETERMINATION (8:05) All/D. Miller

3. APPROVAL OF AGENDA AND OCT. 23, 2015 MEETING MINUTES (8:15) B. Schmidt

4. STANDARDS GOVERNANCE UPDATE (8:20)
   4.1 Antitrust Reminder M. See
   4.2 Report on Global Industries Services Committee D. Miller
   4.3 Report on Pipeline Subcommittee/Midstream Committee D. Miller

5. BUDGET (8:30) D. Miller

6. COMMITTEE CHAIRMEN’S REPORTS

NOTE: Committee Chairs are asked to report using the updated report form, and to submit the form in advance if unable to attend the meeting in person.

(8:45) 6.1 COGFM D. Bromley
(9:00) 6.2 COMQ K. Nelson
(9:15) 6.3 COLM B. Philley
(9:30) 6.4 COMA
J. Koern

(9:45) 6.5 COMET
T.J. Tajani

(10:00) 6.6 CELE
N. Strid

(10:15) 6.7 CPMA
M. Zimmerman

10:30 – 10:45 – 15 Minute Break

7. NEW WORK ITEMS/SR³ Forms
B. Schmidt
(10:30)

8. RECOMMENDATIONS FROM COMMITTEE REPORTS
B. Schmidt
(11:00)

9. OTHER BUSINESS
B. Schmidt
(11:15)

10. ACTION ITEM REVIEW
D. Miller
(11:30)

11. NEXT MEETING
D. Miller

The next COPM meeting will be held at the COPM Fall Meeting, October 17-21, 2016, Los Angeles, CA.

Reviewed by API OGC