

## Agenda of Meeting of

### API SUBCOMMITTEE ON DRILLING STRUCTURES & EQUIPMENT (CSOEM/SC8)

18 June 2014 at 8:30 AM  
2014 Exploration & Production Standards  
Conference on Oilfield Equipment and Materials  
Sheraton Chicago Hotel & Towers  
Chicago, Illinois

Chairman: Mark Trevithick  
Secretary:

**Agenda Item Numbering Scheme:** YNXX Where Y is a single digit for year of introduction.

- Y1XX - TG1 (Drilling Structures) Agenda Items
- Y2XX - TG2 (Drilling Equipment) Agenda Items
- Y3XX - TG3 (Hoisting Equipment) Agenda Items
- Y4XX - TG4 (Wire Rope & Roller Chain) Agenda Items
- Y5XX - TG5 (Hammer Union) Agenda Items

#### 1. CALL TO ORDER

The chairman will:

- Call the meeting to order,
- Discuss safety and evacuation issues,
- Ask members and visitors to sign the attendance list, and
- Ask each person attending to introduce themselves to the group.

#### 2. REVIEW AND APPROVAL OF PREVIOUS MEETING MINUTES

The minutes from the CSOEM/SC8 June 2013 meeting will be reviewed for approval.

#### 3. TASK GROUP REPORTS & DISCUSSIONS

**A. TG1 Task Group on Drilling and Well Servicing Structures – Shawn Firenza**

##### **API 4F:**

API 4F, 4th Edition was published January 2013, and is effective August 1, 2013.

Item 6102: Implementation of AISC 2005 Specification. API funding has been approved to allow Stress Engineering Services Inc. (SES) to investigate current AISC specification and older versions references in API 4F. Proposal is based on

structural models being donated for use by SES. A kick off meeting was held on 22-Feb-2012 at Stress Engineering's Houston, Texas facility and a Guidance Group (Steering Committee) was formed at the June 2012 SC8 TG1 meeting. Reports from SES to TG1 at June, 2012 and June, 2013 are published on the API "mycommittees" website. A 2014 report from SES is scheduled for presentation at TG1 meeting.

Ongoing agenda item.

Item 10101: Consider how to address hydraulic cylinder applications for erection systems. API Ballot ID 2336 covering this item is considered passed and was included in the 4<sup>th</sup> edition of API 4F. At the June 2012 meeting, it was agreed the work item would remain open for additional refinements with Reuel Lataquin chairing that group. A paper for discussion was presented at the June 2013 conference and is to be published on the API "mycommittees" website. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 11101: Inclusion of Rig Moving systems in API 4F. Work group was formed with John Ballard chairing same; subsequently, John Poland took over the chair prior to the June 2013 conference. At that conference, TG1 directed the WG to include the initial study of the subject of monogramming and writing a specification for rig movers. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

**API 4G:**

API 4G, 4th Edition was published April 2012.

Item 3101: Revision to API RP 4G regarding requirements for inspection for offshore drilling rigs. Work group was formed with Anthony Mannering chairing same. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 3102: Revision to API RP 4G regarding modifications to inspection forms to allow documentation of inspection for corrosion. The TG assigned this item to the workgroup for item 3101 and directed the workgroup to revise the API 4G forms and submit them to TG1 for issuance for letter ballot. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

### **Other Business:**

No other business at this time.

### **B. TG2 Task Group on Drilling Equipment – Shawn Firenza (thru June 2014 conference); Faisal Yousef (thereafter)**

#### **API 7K:**

API 7K 5<sup>th</sup> edition was published, and is effective December 2010. Errata were published August 2010. There is on-going work to get the 6<sup>th</sup> edition published, which will include a number of previously balloted and passed items:

- Item 7009 (formerly Item 1211): Report on Work Group on Slips. This is a joint workgroup between SC8 and SC5. API Ballot ID 2493 was balloted and ballot comments have been resolved.
- Item 2201 (formerly Item 2201): Proposal from Gearench regarding Manual Tongs. API ballot 2399 was balloted and comments have been resolved. This item is expected to be dropped from the agenda once next edition of API 7K is published.
- Item 8201: Identification of "Processes Requiring Validation". API Ballot ID 2641 was balloted and ballot comments have been resolved.
- Item 0201: Potential working and test pressure mismatches on Flanges and Hammer Unions installed on 7K hose assemblies. API Ballot 2777 passed and comments have been resolved.
- Item 0203: Design Verification testing for equipment rated 1250 ton and higher. API Ballot Item 2640 passed and ballot comments have been resolved.
- Item 3202: API revision to Section 9.8.2, to clarify the exclusion of proof load tests for drawworks components in the API 7K, 5th edition. API Ballot Item 2976 passed.

Item 5202: Merge API RP 7L Equipment into API RP 8B / ISO 13534. Item has been dropped except to obtain copies of any ISO drafts or work product related to this item in the event TG2 is requested to pursue the combination of RP 7L and RP 8B at a later date.

This item will remain on the agenda until TG2 receives the drafts or it is determined that the information is no longer available.

Item 8203: Purchaser Guidelines. A draft was circulated for comments after the June 2012 SC8 TG2 meeting, and a second draft was presented at the June 2013 conference. There is a joint TG2/TG3 work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 9201: Scope of Covered Equipment. Shawn Firenza is working with Katie Burkle (API Staff) to get the API Composite list of API 7K equipment on the API website and API licensing form to match the list covered equipment in Section “1 Scope” of API 7K 5<sup>th</sup> edition.

SC8 has confirmed that the API website is updated and this item will be dropped from agenda.

Item 9202: Spec 7K requirement for BOP Handling Systems. Subsequent to the June 2013 conference, Mikael Pedersen has taken over the chair of the WG. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 0202: Coverage of Drawworks versus Drawworks Components. Work group meetings have been held multiple times before this conference. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 2202: Hoses used for gas and underbalanced drilling within API 7K. Workgroup chaired by Dr. Tibor Nagy met on 09-May-2013. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 3201: Higher Pressure Hoses in API 7K. Workgroup chaired by Dr. Tibor Nagy will propose to add higher pressure ratings for 10,000 psi mud hoses and 20,000 psi cement hoses to API 7K Fifth Edition, 2010 section 9.6 High-pressure Mud and Cement Hoses. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 3203: Ballot to remove power tongs from the scope of API 7K. This item came from an Auditor question to API on why Section 8 (Quality Control) would not apply to power tongs. It was motioned, seconded and approved to send removing power tongs from API 7K to letter ballot.

Ongoing agenda item.

### **API 7L:**

API 7L 1<sup>st</sup> edition was published, and is effective April 1996. Addendum 1 was published February 2006 and Addendum 2 was published March 2006. API Ballot Item 2703 to reaffirm API 7L closed on 10-Aug-2012 and passed ballot.

### **Other Business:**

No other business at this time.

### **C. TG3 Task Group on Hoisting Equipment – Ken Kondo**

**Note: API 8A has been withdrawn.**

#### **API 8C:**

API 8C 5<sup>th</sup> edition was published April 2012, and is effective October 2012.

An Errata to API 8C is nearing publication; items balloted and passed awaiting publication include:

- Item 0302: Inclusion of Casing running tools in 8C. Faisal Yousef chaired WG. API Ballot ID 2669 closed 06-Jul-2012, and has been resolved.
- Item 0303: Use of Chains in Retaining Rotary Hose. Faisal Yousef chaired WG. API Ballot ID 2605 closed 13-Apr-2012 and has been resolved.
- Item 0305: Hydraulic Cylinder specifications in hoisting and pull down applications Richard Ackerman chaired WG. API Ballot ID 2547 closed 24-Feb-2012, and has been resolved.
- Item 0306: Hoisting Tool contact radii. Mike Kubinski chaired WG. API Ballot ID 2598 closed 06-Apr-2012, and ballot comments are resolved.
- Item 1302: Inclusion of “Top Drive” in API 8C. Faisal Yousef is chairing workgroup. API Ballot ID 2701 closed 03-Aug-2012, and ballot comments are resolved.
- Item 2306: Propose change to API 8C Section 9.9.3 to account for pressure drops associated with environmental temperature variation. Faisal Yousef chaired this WG. API Ballot ID 3104 closed 12-Nov-2013 and has been resolved.
- Correction of a difference in published API 8C versus API Ballot ID 2110 work Item 7302 - Addition of 1250-ton Load Rating.

Item 0301: Review of API Purchasing Guidelines. Mike Kubinski and Norm Dyer are working on purchasing guidelines. There is a joint TG2/TG3 work group meeting planned for Monday 16-June-2014 at this conference.

Item 3301: Nominal Equivalent Stress - API 8C Section 4.3.4. Kurt Vandervort chairs this WG. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Item 3302: Pin Connections - Ratings and Marking Requirements. Randy Pynch chairs this WG. There is a work group meeting planned for Monday 16-June-2014 at this conference.

### **API 8B:**

API 8B (ISO 13534:2000) 7<sup>th</sup> edition was published, and is effective March 2002. Addendum 1 was published November 2003, and Addendum 2 was published April 2005. API Ballot ID 2702 to reaffirm API 8B closed 10-Aug-2012 and passed ballot.

An Errata to API 8B is nearing publication; items balloted and passed awaiting publication include:

- Item 2302: Wear Limits for Elevator Bores. Pat Johnson chaired WG. API Ballot ID 3013 closed 9-Sept-2013, and has been resolved.
- Item 2304: Addition of Top Drive and Casing Running Tools in RP 8B. Faisal Yousef chaired workgroup. API Ballot ID 3105 closed and has been resolved.

### **New Business:**

NWI 4301: Sheave Rim Groove. Submitted by Robert Urbanowski.

NWI 4302: Sheave Bore Centerline. Submitted by Robert Urbanowski.

## **D. TG4 Task Group on Wire Rope & Roller Chain – Dennis Fetter**

### **API 7F:**

API 7F 8<sup>th</sup> edition was published, and is effective May 2011.

No ongoing work.

### **API 9A:**

API 9A 26<sup>th</sup> edition was published May 2011, and is effective November 2011. Errata was published in October 2012.

No ongoing work.

### **API 9B:**

API 9B 13<sup>th</sup> edition was published October 2011. Errata 2 was published in January 2013 (includes Errata 1 dated April 2012).

Item 0403: Wire rope removal criteria. Dennis Fetter is chairing workgroup. A rough draft was distributed at the June 2012 TG4 meeting and included in the meeting minutes. A revised draft is available on the API “mycommittees” website. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

Item 1402: Wire Rope design factors for setting Blowout Preventers (BOPs). Mikael Pederson is the chair of this WG. There is a work group meeting planned for Monday 16-June-2014 at this conference.

Ongoing agenda item.

**New Business:**

NWI 4401: API RP-9B Revision. The results of a Work Group meeting on Monday of API RP-9B will be presented. API RP9B is being revised for editorial changes, corrections and inclusion of sections on inspection and removal criteria (see Item 0403 above).

**E. TG5 Task Group on Hammer Unions**

Note: The SC8 TG5 task group will not meet at this conference. Their meetings have been held in Houston, Texas on an as-needed basis.

**API 7HU1:**

API 7HU1 1<sup>st</sup> edition was published May 2009 and was reaffirmed by API Ballot ID 3188 which closed 10-Apr-2014.

**API Hammer Union Specification:**

Item 9501: Hammer Union Specification. Cindy Taff (Shell) and Jason Peart (Shell) are co-chairing this work group. This group has approved API funding for design testing to be performed on some hammer unions in 2013. The workgroup has actively been developing the draft specification.

**6. STANDARDS APPROACHING END OF 5YR REVIEW CYCLE**

API 7K 5<sup>th</sup> edition was published June 2010, making the end of five (5) year cycle 31-May-2015. There is on-going work to get the 6<sup>th</sup> edition published.

API 9A 26<sup>th</sup> edition was published May 2011, making the end of its five (5) year cycle 30-April-2016.

API RP 9B 13<sup>th</sup> edition was published October 2011, making the end of its five (5) year cycle 30-September-2016. NWI 4401 is proposed to draft a revision to this document.

## **7. DOCUMENTS NOW IN PRINT**

Errata 1 to API RP 4G was published September 2013.

API 4F, 4th Edition was published January 2013, and is effective August 1, 2013.

## **8. NEW WORK ITEMS (NWI) PROPOSAL REVIEW & APPROVAL**

As discussed in the above TG reports.

## **9. RESEARCH FUNDING – Report by Katie Burkle (API Staff)**

SC8 TG1 has a current Stress Engineering project as discussed above.

SC8 TG5 Hammer Union group has approved funding for testing hammer unions built to their draft Specification in 2013.

## **10. OTHER NEW BUSINESS**

NWI 4001: Work group to review and make recommendations concerning SC18:TG3 Status Report of 23-Jan-2014 and its potential effects on SC8 licensees. SC18:TG3 was originally charged with the task to “develop a definition for a manufacturer”; this scope was expanded to include “Have a study conducted and recommendations made on the appropriate licensee classifications which organizations should be qualified per a given specification, i.e., assembler, steel manufacturer, etc.”

The SC18 report will be published at the API “mycommittees” website for reading if API staff approves.

## **11. ADJOURNMENT**