Minutes of Meeting – API SC16; June 27, 2017

1. Meeting was scheduled for 1:00 PM through 5:00 PM on June 27, 2017 in Telus conference rooms 104-105 at the Telus Convention Center, Calgary, Alberta, Canada. There was a teleconference for this meeting.

Chair: Chris Stewart
Vice Chair: Ricky Cummings
Secretary: Maynard Chance

Minutes

2. The meeting began promptly at 1:00 PM with a safety briefing.

3. Introductions were made, an attendance sheet was distributed.

4. The chair provided a brief overview of today’s agenda; please see Appendix A (at the end of this document). The agenda was adopted.

5. API staff provided the API Anti-Trust rules overview

6. The chair reviewed the SC16 Voting list; corrections were made. Please notify Chris Stewart of any needed changes.

7. The chair reviewed the work status matrix, providing the current status of task groups and documents.
   [Please see Attachment A for the Work Status spreadsheet.]
   HPHT has been administratively reassigned to the 16A Task Group.

8. The minutes of the previous meeting were not read, but were reviewed and approved.

9. Bud Weightman provided a presentation on API Standard 20M “Qualification of Suppliers of Machining Services for Use in the Petroleum and Natural Gas Industries”
   [Please see Attachment B for the “Overview of draft API Standard 20M” presentation.]
   This is in through API SC20. Purpose is to ensure quality of machine services suppliers to reduce the exposure risk and ensure conformance for the users of these services/suppliers (i.e. qualify the supply chain). There are three machine quality levels; MQL3 must meet API Q1. Provides alternate methods to ensure conformance. Lists documentation requirements. When implemented, a company that meets 20M requirements does not need to be qualified by a manufacturer (per MQL requirements)

10. Task Group / Project Lead Reports (with Review of Action Items):
   a. 16A – Specification on Drill-through Equipment (TG3) – Leonard Childers, Chairman, presenting.
      [Please see Attachment C for the 16A presentation.]
      Leonard is now Chairman, Nic Arteaga is the new Vice Chairman.
      Ed Baniak discussed the API 16A Interpretations that are located on the web. Ed is in process to ensure that the ‘Approved Interpretations’ remain current and readily available, and do not become static and dated. Also in process – determining a method to make RFI easily obtained on the API website.
Motion made and approved that the chair present to CSOM that the API Website shall have an easy, obvious method for a user to view existing interpretations.

A comment was raised on the material QTC issue that needs to be addressed by October 1st. Request that if the issue is not resolved that the effective date of 16A be delayed. Discussion repeated that the size of the QTC (per the previous edition of 16A) could be too small to properly represent the material properties, the new edition may require a QTC too large to properly represent the material properties. An additional issue is the lead time of the material for the component parts (typically long time periods for large parts (e.g., BOP bodies). This is to be address in a proposed addendum to 16A, 4th Edition.

Motion made and seconded to delay the implementation of 16A. Discussion by API staff stated that a delay of 6 months only changes the effective date; thus both documents can be used until the revised effective date. Also discussed was that if an addendum was released before the revised effective date, then the addendum would be included at the revised effective date. If the addendum is completed before the effective date (October 1st), it is effective at that effective date.

Motioned passed to request a delay from the CSOEM to the effective date of 16A by 3 months with the possibility of a delay of 6 months.

b. 16B – Specification on Well Intervention Well Control (TG5) – Alex Sas-Jawosky, Chairman, presenting.

[Please see Attachment E for the 16B presentation.]

16B has nothing to do with 16ST; 16B is for coiled tubing, wireline and snubbing equipment, does not include BOPs. API 6A, Annex H will not be renewed with the next revision of 6A (withdrawn from SC6); suggested that Annex H from the current 6A be brought into 16B.

c. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Maynard Chance, Co-Chairman, presenting.

[Please see Attachment F for the 16D presentation.]

The Third Edition document has been submitted to API for Publication. API is in the process of determining the process forward (as to whether a limited ballot will be necessary). This Edition had passed the balloting process before land rig issues were presented, these may be addressed with an Addendum.

d. 16F/16FR – Specification on Marine Drilling Riser Equipment (TG4) – George Tisdale, Chairman, presenting.

[Please see Attachment G for the 16F/FR presentation.]

16F - Second ballot closed June 12; to begin comment resolutions next week. 16FR – a new document for the repair of drilling riser (along the lines of 16AR).

e. 16RCD – Specification on Rotating Control Devices (TG6) – George Tisdale, presenting.
[Please see Attachment H for the 16RCD presentation.]

There is a proposal by the task group for introduction of Service Application Levels (SAL).


g. 16ST-Coiled Tubing Well Intervention Well Control (TG5) – Alex Sas-Jaworsky, Chairman, presenting.

[Please see Attachment I for the 16ST presentation.]

Work continues on the Second Edition; issue is to ensure alignment with other relevant API specifications and standards.

h. 16AR – Repair & Remanufacture of Drill-through Equipment (TG7) – Jan vanWijk, Chairman, presenting.

[Please see Attachment J for the 16AR presentation.]

API 16AR First Edition published in April. May need to issue an errata or correction (see presentation). Comment/discussion that regulations that refer to API 16A, Annex B are still in effect; API 16AR replaces that Annex; the contents of 16A, 3rd Edition Annex B will not be in 16A Fourth Edition.


[Please see Attachment K for the S53 presentation.]

Currently Fourth Edition (Nov 2012) with Addendum published July 2016. Presentation includes breakdown of attendance by various groups in the industries. Worked to ensure consistency exists (e.g., the text matches) between surface and subsea sections. Removing informative statements (left over from when 53 was an RP). Also considering land rig issues that have not been addressed (there has been a separate task group to address these issues).

j. RP59 Recommended Practice for Well Control Operations – Tom Proehl, Chairman – Chris Stewart presenting

[Please see Attachment L for the RP59 presentation.]

A direct field aid for well control operations.

k. S64 – Recommended Practice for Diverter Systems Equipment and Operations – Tony Hogg, Chairman.

Final draft sent to API for publication; may be published soon.

l. 16TR1 – BOP Shear Ram Performance Test Protocol, 1st Edition. – Cummings

[Please see Attachment M for the S53 presentation.]

Consolidated shear test procedures to obtain a ‘standard’ shear test protocol; this was developed with Stress Engineering Services.

m. 16AS – Standard for BOP Systems – Maynard Chance, Co-chairman
16AS has had a kickoff meeting; discussion that scope is still being determined. Next meeting on July 12th at Petex.

n. 16C – Specification on Choke and Kill Systems (TG1) – Troy Powel, Chairman, presenting.

11. Other business:
   • API has re-issue publication S1, which concerns committee member rights. Discussion suggested that members review the document.
   • MPD will be addressed in the next edition of 16F. Discussion of whether a new product document for MPD equipment.

12. Action Items for the chair:
   • Motion made and approved that the chair will present to CSOEM that the API Website should have an easy, obvious method for a user to view existing and previous RFI's.
   • Motioned passed to request a delay from the CSOEM to the effective date of 16A by 3 months with the possibility of a delay of 6 months.

13. Upcoming API E&P Conferences:
   a. Winter Standards Conference - San Antonio, Texas (January 22-26, 2018)

14. Meeting Adjourned at 4:50 PM.
AGENDA

Exploration and Production Standards Conference on Oilfield Equipment and Materials
API Subcommittee 16 - Well Control Equipment
Hyatt Regency Calgary (Headquarters Hotel)
700 Centre Street South East
Calgary, AB T2G 5P6, Canada
Tuesday, June 27, 2017

Chair: Chris Stewart ; Vice Chair: Ricky Cummings; Secretary: Maynard Chance

1:00 PM – 5:00 (May End Earlier Depending on Completion of Agenda Items)  Agenda Items are provided below in the approximate order to be addressed (order subject to change). Meeting Breaks: At Chair’s Discretion.

1. Meeting Opening / Safety Brief – Stewart
3. Adoption of Proposed Agenda – Stewart
5. Adoption of the Minutes from January 2017 Meeting (Austin) – Stewart
6. API Standard 20M (Qualification of Suppliers of Machining Services for Use in the Petroleum and Natural Gas Industries) Presentation – Bud Weightman
7. Task Group / Project Lead Reports (with Review of Action Items):
   a. 16A – Specification on Drill-through Equipment (TG3) – Childers
   b. 16B – Specification on Blowout Prevention Equipment for Wireline, Coil Tubing and Polished Rod Application – Sas-Jaworsky
   c. 16C – Specification on Choke and Kill Systems (TG1) – Powell
   d. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Chance
   e. 16F/FR – Specification on Marine Drilling Riser Equipment (TG4) – Tisdale
   f. 16RCD – Specification on Rotating Control Devices (TG6) – Tisdale
   g. 16Q – Design, Selection, Oper. And Maint. of Drilling Riser Systems (TG4) – Stewart
   h. 16ST – Coiled Tubing Well Control Equipment Systems (TG5) – Sas-Jaworsky
   i. 16AR – Repair & Remanufacture of Drill-through Equip. (TG7) – van Wijk / Johnson
   k. RP 59 – Recommended Practice for Well Control Operations – Stewart
   l. S64 – Recommended Practice for Diverter Systems Equip. and Operations – Hogg
   m. 16TR1 – BOP Shear Ram Performance Test Protocol, 1st Edition. – Cummings
   n. 16AS – Standard for BOP Systems – Chance
8. Old and New Business
9. Action Item Summary / Review
10. Upcoming Meetings:

   Winter Standards - Conference in San Antonio, TX (January 22-26, 2018)
   Summer Standards - Conference in Denver, CO (June 11-15, 2018)
11. Meeting Adjourn
Attachments:

A. SC16 Work Status spreadsheet
B. Overview of draft API Standard 20M
C. API 16A presentation.
D. API 16A Approved Interpretations
E. API 16B presentation.
F. API 16D presentation.
G. API 16F/FR presentation
H. API 16RCD presentation
I. API 16ST presentation.
J. API 16AR presentation.
K. API S53 presentation
L. API RP59 Presentation
M. API TR1 presentation
N. API 16AS presentation.
O. API 16C presentation.