Minutes of Meeting – API SC16
June 14, 2018

Location: Sheraton Denver Downtown Hotel in Denver, Colorado

1. Meeting start time: 1:00 PM

2. Attendees:
   Chair: Chris Stewart
   Vice-Chair: Ricky Cummings
   Secretary: Maynard Chance (recording)

   There was a teleconference for this meeting. There were 3 additional caller who attended via the telephone (with 2 of them being voting members).

Minutes

3. The meeting began with a safety briefing.
4. The API Antitrust rules were presented and reviewed.
5. The Chair distributed the SC16 membership and voting roster; requesting that corrections be made. Please notify the chair of any voting member or alternate voter corrections.
6. Introductions were made, an attendance sheet was distributed. A quorum of the eligible voting members was noted.
7. The chair reviewed the voting roster.
8. The chair provided a brief overview of today’s agenda [Appendix A] A motion was made and seconded to accept the agenda without modification. The agenda was adopted.
9. A review of the SC16 Work status spreadsheet was performed by the chair. [Attachment B]

10. The minutes of the previous meeting previously distributed to the committee are on the API website. The minutes were presented but not read. The minutes were adopted and approved.

11. Task Group / Project Lead Reports (with Review of Action Items):

   Note: during the presentations, Jacqi Roueche was introduced, she will be our new API staff member, beginning next week. Ed Baniak will wrap up his current assignments and transition the SC16 to her.


      [Attachment C]
      Currently have an addendum in ballot, the ballot closes June 15, 2018.

   b. 16A – Specification on Drill-through Equipment (TG3) – Leonard Childers, Chairman, presenting.

      [Attachment D]
      Nic Arteaga is Vice Chairman.

16A RFI’s were addressed, about 30 so far. An addendum to address the issue of thermocouples and QTCs (Qualification test coupons) has been addressed.

The Fifth Edition is in process.

A discussion was held in this week’s 16A meeting concerning validation testing of BOP operators and fatigue testing of Blind Shear Rams, the task group made the request for an SRRR for an additional addendum. The issue was supported by OEMs, they needed more time to address testing and validation of operators. There is no current requirement to validate BOP operators. There is a current 16A addendum in process, but this would allow a second addendum to address this issue, that can be voted on separately. The operators and equipment owners are requesting this in order to understand the expected life expectancy in the field, and to close the gap in requirements between S53 and 16A testing.

Motion is for a fourth Addendum to 16A, to split the issues of QTCs and operator validation testing. Motion passes. Chair will request a 4th Addendum to 16A.

c. 16AR – Repair & Remanufacture of Drill-through Equipment (TG7) – Jan Van Wijk, Chairman, presenting

Chris Johnson Co-Chair

[Attachment E]

A motion was made for adding an addendum to 16AR. There was no discussion. The motion passed.

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

[Attachment F]

When completed, this will be the first release of a product specification for this category of product. Also mentioned was that 16ST is nearing completion.

API suggested that this document be color coded, and explained what this was (and provided an API review of what can be in the monogram program)

e. 16C – Specification for Choke & Kill systems –

Chris Scarborough, Chairman

Presented by Kim Lopez

[Attachment G]


f. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Brian Wright, Chairman, presenting.

Maynard Chance, Co-Chair.

[Attachment H]

Audit points were discussed, i.e., what is being audited is relevant to the equipment. The API Monogram program has requested input from the subcommittee to address applicable audit requirements.
g. 16F/16FR – Specification on Marine Drilling Riser Equipment (TG4) – George Tisdale, Chairman, presenting.

[Attachment I]
RFIs were addressed; during this process an issue was identified that will require an addendum. Also a change in 6A that may impact the QTC requirements in 16F.

A motion was made for adding an addendum to 16F to address a few technical issues that have been driven by RFIs since the document published. The motion passed.

16FR is a new document, still in process. Do not have good representation from operators. Current focus is on riser joints; intent is to add other products at a later date. A steering group will be used to provide guidance to the task group on the scope and problem statement.

h. 16RCD – Specification on Rotating Control Devices (TG6) – Martin Culen, Chairman, Chris Stewart presenting.

[Attachment J]
The next edition of the document is in development.
Comment that the task group is working on the color coded document from API.

i. 16Q – Design, Selection, Operation and Maintenance of Drilling Riser Systems (TG4) – David Lewis, Chairman.

[Attachment K]
16Q is currently idle.
Related issue – a discussion on SC5, which is line pipe.

[Attachment L]
Issue with UOE/JCOE pipe for marine drilling risers - very low collapse pressure strength.
Comment that SC19 had also investigated this issue.
Comment – objection to referencing documents that are not industry standards, a reference to ‘an international independent third-party firm’ was used in the presentation. Agreement that industry references are preferred.

j. 16ST – Coiled Tubing Well Control Equipment Systems (TG5) – Alex Sas-Jawosky, Chairman, presenting.

[Attachment M]
Working to align with other SC16 documents, even as these other documents change. Push back on bolting per 20E, 20F, since 16ST is for surface operations only. Expect to go to voting ballot by 3rd quarter.

k. S53 – Standard for Well Control Equipment Systems – Ricky Cummings, Chairman, presenting
Danny Fugate is Co-Chair

[Attachment N]
Fifth Edition currently is in second ballot.
Request to do a study on well control reliability. This SRRR will require some money (estimated $100,000). Will be a Technical Report. Motion was made, there was no discussion. The motion passed.


[Attachment O]

Plan to issue a ballot to re-afﬁrm RP59.

If it passes ballot, it will not need to be revised for 5 years. Discussion was that someone would need to update the document.

m. 16TR1 – BOP Shear Ram Performance Test Protocol, 1st Edition. – Ricky Cummings presenting

[Attachment P]

Developed a detailed protocol for shear tests. Gone through second ballot comments. The 3 negative votes were changed to afﬁrmative. This is nearing publication.

However, some issues are not addressed in the initial release (compression, side loading, use of centralizers), that need to be addressed. This will be addressed in the second edition.

A motion was made for a revision to 16TR1. There was no discussion. The motion passed.

n. 16AS – Standard for BOP Systems – Matt Givens, Chairman, presenting

[Attachment Q]

12. Other business: None

13. Summary of Action Items from this meeting:

a. 16A requested an SRRR for a fourth Addendum to 16A, to address operator validation testing and BSR fatigue testing. Motion passed.

b. 16AR requested an SRRR for an addendum to 16AR to address the requirements for COC. The motion passed.

c. 16F requested an SRRR for an addendum to 16F to address needed technical changes evident from recent RFIs issued. The motion passed.

d. Ricky Cummings requested an SRRR to do a study on well control reliability (estimated cost US$100,000). Output will be a Technical Report. The motion passed.

e. 16TR1 requested an SRRR for a revision to 16TR1 to consider shearing requirements for items other than pipe. The motion passed.

14. Next Meetings:

   Winter Standards - Conference in San Antonio (January 21-25, 2019)
   Summer Standards - Conference in New Orleans (June 24-28, 2018)
15. Meeting Adjourned at 3:05 PM.

**Attachments:**

A. SC16 Meeting Agenda  
B. SC16 Work Status spreadsheet  
C. API S64 presentation  
D. API 16A presentation  
E. API 16AR presentation  
F. API 16B presentation  
G. API 16C presentation  
H. API 16D presentation  
I. API 16F/FR presentation  
J. API 16RCD presentation  
K. API 16Q presentation  
L. UOE/JCOE pipe presentation  
M. API 16ST presentation  
N. API S53 presentation  
O. API RP59 Presentation  
P. API TR1 presentation  
Q. API 16AS presentation