Minutes of Meeting – API SC16; January 28, 2015

1. The meeting was scheduled for 1:00 PM through 5:00 PM on January 28, 2015 during the API Winter Conference in the Melpomene Room at the InterContinental Hotel, 301 444 St Charles Ave, New Orleans, Louisiana, 70130.

2. Attendees:

   Chair: Kent Grebing
   Vice-Chair: Mel Whitby
   Secretary: Maynard Chance (recording)

   Brian Wright        Tony Hogg        Matt Givens        John Busby
   Harish Patel       Danny Fugate       Andy Frazelle       Leonard Childers
   Erin Welsh         Raouf Naguin       Michael Cornelisse  Rob Turlak
   Jan Van Wijk       Allan McBride       Chris Stewart       Chris Johnson
   Amos Ware          Troy Powell        Mike Doway          Matt Staul
   Bill Carbaugh      Frank Gallander    Jeff Graybeal       Danielle Gillies
   Jim Kaculi         Garret Schopper    James McCabe        George Tisdale
   Nicholas Arteaga   Bill Shirley       Ken Peurifoy        Alex Sas-Jawosky
   Joe Karigan        Shantur Tapar      Dean Ueckert        Noriaki Yoshiyasu
   Joe Liotta         Scott Gooding      Guilherne Vanni     Melissa Paiva
   Ahmet Duman        Roberto Masoni     Paolo Allara        Nelson Tears
   Holly Hopkins      Danny Williams     Albert Goicocuea    Bob Haley
   Jean-Benoit Morin  Bolie Williams IV  Richard Cowan        Robin Mallalieu
   Marl Miser         Michael Edwards    James May           Henry Carroll
   James Chambers     Danny Spencer      Brian Hill          Austin Freeman
   Billy Nitsche      Peter Pezet       Stacey Hagen        

Minutes

3. The meeting began promptly at 1:00 PM with a safety briefing and introductions. An attendance sheet was distributed. A brief overview of today’s agenda was presented.
4. The minutes from the previous meeting were emailed to the members, thus the meeting minutes were not read. (Attachment 1)

5. The SC16 voting roster was reviewed with changes noted. Danny Williams replaces John Sacco for Oceaneering. (Attachment 2)

6. Stacy Hagen gave an update from the API Monogram Program Board.

[Please see Attachment 3 for the API Monogram Program API Spec Q2 Update presentation.]

The discussion provided an update of the Monogram program, correlation with BSEE for the data base program (NCR reporting program), and update on Spec Q2. There was significant progress in obtaining more participation in order to achieve industry collaboration. There was a brief discussion on the Q2 gap analysis tool: discussed audit mentioned in 16D, where an audit with discussed in which some items of 'noncompliance' were not significant or relevant for 16D (e.g. some welding requirements). Steve requested feedback on these types of issues so that the issues can be reviewed and updated as necessary.

Discussion on the changes in revised API documents, and whether the revised text (deleted, added, or changed) are marked. Discussion included ‘tracked changes’ (vertical lines in the margin) to color coded shading of the changes.

7. Kent reviewed the status work matrix (current status of documents).

16 ST was reaffirmed Dec 2014. [Please see Attachment 4 for the SC16 Work Status Matrix.]

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

a. 16A – Specification on Drill-through Equipment (TG3) – John Busby, Chairman

[Please see Attachment 5 for the 16A presentation.]

The proposed Fourth Edition had a comment period recently with many editorial comments and some good technical responses. Bolting requirements are in process, in correlation with the recently released 20E and the proposed 20F.

Review of participation in 16A is mostly OEMs, so a request was made to get more participation from operators and owners. Better communication was described as an issue, in that unless someone has attended a meeting (and provided an email address on the sign in sheet), there is not a good communication to others in the industry. Comment that API lists all the API standards that are being revised, and that there are plenty of ways to get involved (ref – SharePoint site).

[Comment- Holly Hopkins (API) showed the SC16 secretary that the meeting schedule is available on the API website].
b. 16C – Specification on Choke and Kill Systems (TG1) – Chris Scarborough, Chairman
   [Please see Attachment 6 for the 16C presentation.]

   16C Second Edition should be published with the next month.
   The issues for the Third Edition are already in process, as there are some known
   issues that were not addressed in the Second Edition. There are some 16C issues in
   S53 that are now addressed, and a few that will be address in the Third Edition; it is
   agreed that design and manufacturing issues need to be in 16C.

c. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Brian
   Wright, Chairman (presenting), Maynard Chance, Co-Chairman.
   [Please see Attachment 7 for the 16D presentation.]

   Current status – draft to be submitted to API for ballot in the next few months.
   Currently in a final review to ensure correlation with S53, S64, 16A, et al.
   Target release date is the end of this year.
   Discussed major changes for this edition with respect to electrical hardware and
   software design/documentation. Next meeting scheduled for February 19th.

d. 16F – Specification on Marine Drilling Riser Equipment (TG4) – George Tisdale,
   Chairman.
   [Please see Attachment 8 for the 16F presentation.]

   Co-chair position is now open.
   The targeted completion date of the 4th quarter 2015 is going to be a challenge.
   Participation in 16F is mostly by OEMs; participation in providing written sections for
   the document has been limited. Request for people to ‘step up’ and assist in
   completion of these revisions. SC16 agreed to distribute invitations to a wider
   audience. A suggestion was made that ‘Third Party Riser Analysis groups’ be
   contacted to assist on this committee.
   API Q (no presentation) – status – draft has been submitted to API to go to ballot;
   should be in ballot by then end of the month.
   API 16R is being incorporated into 16F.

e. 16RCD – Specification on Rotating Control Devices (TG6) – Martin Cullen, Chairman;
   Shantur Tapar, Co-Chairman, presenting
   [Please see Attachment 9 for the 16RCD presentation.]

   Edition 2 ballot has passed with comments.
   Work continues on the RCD operational testing standard
f. RP 16ST – Coiled Tubing Well Intervention Well Control (TG5) – Alex Sas-Jawosky, Chairman.

[Please see attachment 10 for the 16ST presentation.]

16ST was reaffirmed in December 2014.
Currently trying to align with 16D, 16C, and 16A (‘tiny tools do exist’).
Addressed close times; testing of equipment spanned over 5 years.
Since pressure is immediately below the closing element during well intervention, seconds are critical to ensure successful well control (16D close times considered too long). Proposal is 10 seconds for shear rams. The proposal includes a dedicated BSR circuit. One issue is that the BSR can be placed in any spot on the stack. SC16 will need to re-affirm RP 16ST for a two year extension
Trying to simplify requirements, partly to ensure understanding and conformance.
Also in process of aligning with 16AR, but currently trying for 5 year re-certification; but an issue is that a 5 year re-certification is difficult to apply to equipment that has never been certified.
Part of the issue is to ensure that the 16ST committee understands the consequences of a failure when operating this equipment, particularly under flow conditions.

---------------------- Break ----------------------

g. 16AR – Repair & Remanufacture of Drill-through Equipment (TG7) – Jan VanWijk Chairman; Chris Johnson, Co-chairman, presenting

[Please see Attachment 11 for the 16AR presentation.]
16AR was sent out for ballot December 2014, with 571 comments. Meeting yesterday addressed restraint of trade issues; limitations on skim cutting and subsequent testing requirements; and permanent marking and documentation for traceability and quality control.
Discussion of ‘ownership’ of replacement parts will be listed in the Annexes for 16AR. A 16AR meeting will be held tomorrow to begin comment resolution.
Plan to present draft to API for balloting after the summer conference.

h. S53 – Standard for Blowout Prevention Equipment Systems for Drilling Operations – Ricky Cummings, Chairman; Danny Fugate, Co-Chairman, presenting.

[Please see attachment 12 for the S53 presentation.]
Regular meetings are being held to identify and address issues for the Fifth Edition.
Issue of flow back pipe, and what spec/standard/RP does this involve?
Related question – where does the C&K system stop?
A discussion of this issue ensued in terms of ‘low risk – high consequence’; that this is not a manufacturing issue, but does this belong in an operations document?

API S59 – *Well Control Practices and Procedures*, was suggested, and it was agreed to send to this group for comment.

There may be an addendum or rewrite based on the requests for clarifications received.

Next S59 meeting will be held on February 11th at PTEX in Houston.

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

*Please see Attachment 13 for the S64 presentation.*

Controls issues were provided and will be included in the next edition of 16D.

Combined data and text from RP53 and other documents; some operations issues were sent to S59; current focus of the committee is on floating rigs.

Average group size is 11 or 12. Near term focus is to provide a draft to API to issue for comment only. Would like response from a wider audience before continuing on the ‘bottom supported section’ of the standard.

9. Holly Hopkins discussed the joint industry project (JIP) and shear test protocol.

10. Kent discussed scheduling for the Summer Conference, in terms of how much time each section would need for a meeting. Full four hours for 16A, 16AR, 16D, S64, and 16F/16Q; Two hours for 16C and S53. A brief overview of the needed sessions times indicated that the SC16 meeting will mostly likely be held Thursday morning. A suggestion was made to include a presentation form 20E/20F as part of the SC16 meeting.

11. Action Item Summary/Review

Publication of the technical report for the Shear Test Protocol

API 16ST is now open (waiting for resources to be available from 16D, S64, and S59). Currently the Chair position is open, there were no volunteers.

12. Upcoming Meetings:

a. Summer Standards Conference at the Hyatt Regency in San Francisco, California (June 22-26, 2015)

b. Winter Standards Conference at the Renaissance Austin in Austin, Texas (January 18-22, 2016)

13. Meeting Adjourned at 3:45 PM