Minutes of Meeting
API Subcommittee16, Well Control Equipment
Austin, Texas
January 20, 2016

1. Meeting was scheduled for 1:00 PM through 5:00 PM on January 20, 2016 in the Trinity A conference room at the Renaissance Hotel, Austin, Texas, during the API Winter Standards Conference.

2. Attendees:
   
   Chair: Kent Grebing
   Vice-Chair: Mel Whitby
   Secretary: Maynard Chance (recording)
   
   Brian Wright  Tony Hogg  Dennis Kaminski  Pete Bennett
   Ana Filgueras  John Busby  Jessie Lin  Tim Haeberle
   Harish Patel  Danny Fugate  Tom Goin  Marco Romero
   Nathan Cooper  Alan McBride  Robert Koelling  Jim Kaculi
   Jan Van Wijk  Leonard Childers  James Chambers  Andri Orphanides
   Chris Scarborough  Chris Johnson  Joshua Robnett  Homer Stewart
   Bill Carbaugh  Ricky Cummings  Noriaki Yoshiyasu  David Izon
   George Tisdale  Danielle Gillies  Henry Carroll  Billy Nitsche
   Ken Perifouy  Jim Rainey  Keith Kaase  Karl Hay
   Nicholas Arteaga  Mike Dowdy  Victor Rasanow  Austin Freeman
   Scott Gooding  Guilherne Vanni  Jack Soape  Charles Holt
   Bolie Williams IV  Holly Hopkins  Matt Stahl  Vastan Tchokoev
   Jeff Graybeal  Matthew Vendetti  Ed Baniak  David Lewis
   Justin Alcorn  Otavio Vitek  Will Lamberth

Minutes

3. The meeting began promptly at 1:00 PM with a safety briefing. An attendance sheet was distributed.
4. Presentation provide by API staff on the API Monogram Program (Attachment 1)
5. Introductions were made.
6. Review/verification of the SC16 voting roster, noted changes. Reminder that there is one vote per company; if there is an alternate listed for a company, the alternate would be notified of ballots (same as the primary contact), but cannot vote for the company. Alternate is provided to facilitate company participation. (Attachment 2)
7. Provided a brief overview of the agenda (Attachment 3); the chair reviewed the work status matrix (current status of documents [Attachment 4]).
   - 2 Errata on 16C
   - There will be a realloot on 16C
   - S53 is listed as active, but is not officially listed as working on the next edition
   - RP59 needs to be re-affirmed, best to wait until next year to get full 2 year extension
   - 16TR1 (Technical Report) is listed as ‘not active’, however no activity is required
8. The minutes from the previous meeting were emailed to the members; it was motioned and seconded that the meeting minutes not be read. (Attachment 5)
9. Task Group / Project Lead Reports (with Review of Action Items):
   a. 16A – Specification on Drill-through Equipment (TG3) – John Busby, Chairman, presenting. [Attachment 6 for the 16A presentation; Attachment 7 for HPHT report.]
      16A is currently in ballot, 746 comments presented, 731 addressed; 16A will require a re-ballot.
   b. 16B – Specification on Well Intervention Well Control (TG5) – Alex Sas-Jawosky, Chairman; Kent Grebing presenting (Attachment 8).
      Primarily providing design specifications for equipment used in 16ST; upper end of 16B will be ‘just below’ 16A in terms of size (e.g. wellbore).
   c. 16C – Specification on Choke and Kill Systems (TG1) – Chris Scarborough, Chairman, presenting. (Attachment 9)
   d. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Brian Wright, Chairman, presenting. (Attachment 10)
      16D passed first ballot, 826 Comments received, about 500 comments addressed; about 30-50 will take some time. 16D will require a re-ballot.

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e. 16F/R – Specification on Marine Drilling Riser Equipment (TG4) – George Tisdale, Chairman, presenting. (Attachment 11)

16F is in final editing in preparation for an upcoming ballot.

f. 16RCD – Specification on Rotating Control Devices (TG6) – Martin Culen, Chairman, Guilherme Vanni, presenting. (Attachment 12)

Current focus is on a separate testing specification for RCD equipment, currently this work is not planned to be an annex to 16RCD. Document API identification / classification is to be determined. This document will be associated with an ISO standard.

g. 16Q – Design, Selection, Operation and Maintenance of Drilling Riser Systems (TG4) – David Lewis, Chairman, presenting. (Attachment 13)

Addressing comment resolutions, nearly complete; most likely will require a re-ballot.

h. 16ST – Coiled Tubing Well Intervention Well Control (TG5) – Alex Sas-Jawosky, Chairman, Kent Grebing, presenting. (Attachment 14)

Major change to 16ST was to require a response time of 10 seconds, thus they have recognized the issue. Main issue now is how to address the problem without a wholesale change to the existing control systems. Not just a cost issue, but also a weight and space problem (additional accumulators are necessary).

i. 16AR – Repair & Remanufacture of Drill-through Equipment (TG7) – Jan VanWijk Chairman, presenting. (Attachment 15)

Second ballot passed, 94 comments, 70 have been addressed. Probably will require a re-ballot, final decision by API.


Current focus is to address current issues and release the update as an Addendum; Work will then begin on the next revision. Addendum will go through the API ballot process.

k. TR (# to be determined) Technical Report for Shop shear test - Ricky Cummings, presenting.

A Shear Ram JIP (joint industry project) was formed to standardize the procedures/protocol for shear ram tests. This is in process (no presentation given, thus not attached). Issue of sharing shear test results was briefly discussed, but is not a requirement of the TR.

l. S64 – Recommended Practice for Diverter Systems Equipment and Operations – Tony Hogg, Chairman, presenting. (Attachment 17)
Original RP 64 was an operations document, but now has design requirements & handling tool requirements. Other equipment such as the gas handler was suggested to be included in 64, but the gas handler needs to be in a different document. Next meeting is February 9 at PETEX (North Belt in Houston)

10. New business – there may need to be a 16FR – a riser remanufacturing specification; George Tisdale may head up 16FR, but are waiting for 16AR to be released. Remanufacturing specifications were suggested for other equipment, proposed to use the same committee members of the manufacturing specification (just after a revision is released, use these resources for the ‘Rework’ document). Current downturn allows for the subject matter experts to spend more time on industry standards.

Extensive discussion of integrating SC18LCM (Life Cycle Management) into ‘SC16’ documents; this will require discussion by SC16 and if approved, implementation through a management system and quality system process throughout SC16. Issue – define ‘Criticality.’ Suggested that a ‘SC16’ group be assembled to assess the implementation issues of incorporating SC18LCM into ‘SC16’; it was requested that SC16 members review 18LCM to determine/assess implementation issues.

11. Kent then held a review of the time requirements for the meetings at the Summer Conference. 16C and 16AR do not plan to meet; S53 and S64 are planning to meet; other meetings will be the same as the summer meeting. Discussed 16AS, Danny Fugate is working on the scope; however, the SMEs needed for 16AS are currently working on the revisions of 16A, 16AR, and 16D, along with the S53 Addendum.

12. Upcoming Meetings:
   a. Summer Standards Conference at the Grand Hyatt Washington in Washington, DC (June 27 – July 1, 2016)
   b. Winter Standards Conference at the J.W. Marriott in Austin, Texas (January 16-20, 2017)
   c. Summer Standards Conference at the Telus Convention Center in Calgary, Alberta, Canada. (June 26-30, 2017)

13. Meeting Adjourned at 3:55 PM