Minutes of Meeting – API SC16; June 18, 2014

1. The meeting was scheduled for 8:00 AM through 12:00 PM on June 18, 2014 during the API Summer Conference in the Ohio Room at the Sheraton Chicago Hotel and Towers, 301 E. North Water Street, Chicago, IL 60611.

2. Attendees:
   
   Chair: Kent Grebing
   Vice-Chair: Mel Whitby
   Secretary: Maynard Chance
   
   Brian Wright  Jan Van Wijk  Bill Carbaugh
   Tony Hogg  Ben Riley  Mike Payne
   Matt Givens  Robert Funderburg  Frank Gallander
   Nathan Cooper  Andras Gaspar  Amy Craft
   Harish Patel  Sharon Chambers  Jeff Graybeal
   Danny Fugate  Chris Stewart  Smarty Mathew
   Andy Frazelle  Chris Johnson  Daniels Baker
   Leonard Childers  Aaron Mueller  Danielle Gillies
   Alan Tarrab  Mark Miser  Lance Staudacher
   Ted Kenny  Duanne Cuku  Margaret Laney
   Craig Weems  Jill Raman  Drew Freeman
   Patrick Driscoll  David Damasauskes  Amy White
   Tom Goin  Amos Ware  Jim Kaculi
   Raouf Naguib  Tim Thornhill  Stacey Hagen
   Ken Young  Jeramiah Niewiadomski  James McCabe
   Bolie Williams IV  Keith Kasse  George Tisdale
   Henry Yang  Dan Nowak  David Dartford
   Rob Turlak  Craig Walther  Ricky Cummings
   Troy Powell  John Sacco
Minutes

3. The meeting began shortly after 8:00 AM with a safety briefing and introductions. An attendance sheet was distributed. A review SC16 Voting Roster was then discussed.

4. The minutes from January 2014 Meeting (Addison, TX) were emailed to the members. Thus the meeting minutes were not read but were approved.

5. The Proposed Agenda by Kent Grebing was approved.

6. A review was performed that indicated that Chevron & BP were not voting, however information was provided that they did participate. This is an action item for Ed Baniak.

7. Stacy Hagen gave an update from the API Monogram Program Board.
   
   [Please see Attachment A for the API Monogram Program Board Presentation.]

   The discussion provided an overview of the Monogram program, advisories, task group (within SC18) currently working on updates. One issue is definition of manufacturer. There is the issue of how to validate the certificates. The next meeting will be held in Houston.

8. Task Group / Project Lead Reports (with Review of Action Items):
   a. 16A – Specification on Drill-through Equipment (TG3) – Jim McCabe

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

   Discussion included bolting issues – reference to 20E.

   Fourth Edition is nearing completion; some issues for the Fifth Edition have been identified. Suggestion was made that Labor Day be the ‘deadline’ for inclusion in the Fourth Edition.

   The Fourth Edition draft is currently released for comment only.

   b. 16C – Specification on Choke and Kill Systems (TG1) – Troy Powell (Co-Chair)

   [Please see Attachment C for the 16C presentation.]

   16C is currently in Re-Ballot (since June 10th), 320 comments from previous ballot. The new 16C chairman is Chris Scarborough.

   c. 16D – Specification on Drilling Well Control Systems and Equipment (TG2) – Brian Wright

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

   Discussed the ACR (Accumulator capacity requirement) – confirmed it matches the request by the operators from a previous conference meeting.

   d. 16F/R – Specification on Marine Drilling Riser Equipment (TG4) – George Tisdale
Estimated completion date – 4th quarter 2015.

16R is to be included in the next edition of 16F. Basis for design – nominal equivalent stress – issue with definition; allowable stresses not known. Some issues brought up, that may be addressed in this afternoon’s meeting.

e. 16Q – Design, Selection, Operation and Maintenance of Drilling Riser Systems (TG4) – George Tisdale reporting for Mr. Lewis.

f. 16RCD – Specification on Rotating Control Devices (TG6) – Kent Grebing

Testing requirements in 16RCD should be aligned with 16A testing (for static applications)

g. RP 16ST – Coiled Tubing Well Control Equipment Systems (TG5) – Brian Wright reporting for Alex Sas-Jawosky

Currently trying to align with 16D for controls, but will need their own controls specification. Re: current equipment may take 17-18 minutes to close. Proposed to close rams in 30 seconds; shear rams in 10 seconds. There was agreement that this is what was needed (there are no other barriers to wellbore pressure during CT operations); this will require a significant change in equipment. Also to require a secondary controls location to close the BSR.

SC16 will need to Re-affirm RP 16ST for a two year extension.

h. 16AR – Repair & Remanufacture of Drill-through Equipment (TG7) – Jan Van Wijk


Ricky Cummings is new Chair, Danny Fugate is Co-Chair.

Last meeting was June 9th; an addendum to S53 will be added – it is an assessment tool (basically a re-formatted version of S53). A recent meeting listed issues to be addressed in the next edition.

j. S64 – Recommended Practice for Diverter Systems Equipment and Operations – Tony Hogg

Controls issues were developed and handed over to 16D.

Have reformatted and added design requirements, which apparently did not exist before.

Initial focus is on diverter systems for floating rigs; start to focus on bottom supported rigs.
k. RP59 – Recommended Practice for Well Control Operations – to be determined.

9. Ed Baniak explained the voting process, what it takes to be on SC16, and what is involved in being a voting member of SC16. Participation in the relevant sections is necessary to be a voting member. Please see Attachment K for the current list of voting members.

10. Discussion on having a ‘common database’ for definitions. This has been attempted before, but has not worked, as each group would ‘tweak it just a bit’ to better fit their application. In reality – it just does not work. It has failed every time because of the ‘drift’ factor. Suggestion was that should at least have a meeting so that two documents that are intended to work together do not use the same acronym with two totally different definitions.

11. Suggested that since the documents are now in a ‘current revision process’ that a time table or schedule for the revision process for each document be provided.


[Please see Attachment L for the Work Matrix spreadsheet.]

Status sheet updates
16C – ballot close July 11th 16Q is 2015
Roll 16R into 16F
16AR to ballot 1st quarter of 2015

13. Old and New Business:

New business – Shear Ram JIP (Ricky Cummings):

[Please see Attachment M for the Shear Ram JIP presentation.]

OGP start a BOP reliability study and to develop Shear database

To have a valid database, need a standardized shear test procedure, so data collected is uniform.

Can then use data for shear ram performance.

Current procedure uses the 16A shear test procedure; the difference is the reporting of the data.

There was general agreement on testing protocol, extensive discussion on distribution of data. There is a ‘regulatory driver’ for this, but there is agreement in the industry that this information be shared, so actual shear performance is known.

JIP is to provide information to those that buy in; if API is involved (in terms of data obtained) it would be open to all.
Reference was made to a government database that provides data obtained on equipment that failed and reliability data.

BSEE is actively involved. OGP states that this is an international effort.

Discussion was help also on maintaining proprietary information. Operators state that if they need the information, they can trade the information.

The data and data reporting are probably outside the scope of API documents; this is to be discussed at CSOEM (API board meeting Friday).

The SC16 Voting List is attached for review (see Attachment M).

14. Action Item Summary/Review
   Reaffirmation of 16ST Definitions,
   Voting Groups
   Shear data
   Chair and Co-chair of S53

15. Upcoming Meetings:
   b. Summer Standards Conference in San Francisco (June 22-26, 2015)

16. Meeting Adjourned
Appendices:

A. API Monogram Program Board Presentation.
B. API 16A presentation.
C. API 16C presentation.
D. API 16D presentation.
E. API 16F/R presentation.
F. API 16Q presentation.
G. API16RCD presentation.
H. API 16Q presentation.
I. API 16AR presentation.
J. API S64 presentation.
K. SC16 Status Matrix spreadsheet.
L. Shear Ram JIP presentation.
M. Voting List (matrix)