MINUTES
API Subcommittee 17 (SC17)
Subsea Production Equipment
2018 Winter Committee Meeting
Lloyd’s Register Training Center, Houston, Texas
Wednesday, Feb 07, 2018
Terry Cook, Chairman
Brian Skeels, (Co) Vice-Chairman  Andrew Grohmann, Liaison - Materials
Ross Frazer, (Co) Vice-Chairman  André Maerli, Liaison - API International Standards
Man Pham, (Co) Vice-Chairman  Ed Knerr, Secretary

1. Meeting Opening/Safety Issues
   SC17 Chairman welcomed the Subcommittee members and attendees to the meeting at 8:00 AM with opening remarks and safety overview.

2. Adoption of Proposed Agenda for API Winter 2018 Meeting:
   Motion was made to approve. Seconded. Motion passed.

3. Attendance and Rosters - Roll call of attendees/rosters.
   a. API Antitrust Reminder Guidelines was provided by API staff. All present acknowledged their understanding of the antitrust rules.

   b. A roll call was completed and confirmed that there was a quorum of 19 present for this meeting (a minimum of 15 is required).

   c. Review of SC17 Membership details list (address, phone number), any corrections to the list was requested.

   d. The updated SC17 Voting Representation Listing presented (Attachment 01).

   e. The API Work Group Leads Contact List was presented (Attachment 02).

4. Adoption of minutes from API Summer 2017 [Houston]: Motion was made to approve. Seconded. Motion passed. Document available on the API committee’s website.

5. Summary Status of Work - Work Matrix Review. The Subcommittee 17 Standards Status Matrix (Attachment 03) was presented by Ed Baniak. No updates identified in meeting. Document available on the API committees’ website.
6. Task Group / Project Lead Reports

a) API 17A: Subsea Production Systems
   - The Task Group report was given by Ed Knerr (Attachment 04).
   - Document was published last year.
   - No outstanding actions.

b) Flexible Pipe Specifications update was provided by Krassimir Doynov:

   API 17B: Specification for unboned flexible Pipe (Attachment 05)
   - Document will be updated to reflect needed changes driven by changes in 17K
   - No outstanding actions.

   API 17J: Recommended practice for flexible pipe (Attachment 05)
   - No outstanding actions.

   API 17K: Specification for Bonded Flexible Pipe (Attachment 05)
   - Document was published last year.
   - No outstanding actions.

   API 17L1: Specification for flexible pipe ancillary equipment (Attachment 05)
   - Work to begin on revision of 17L1 and 17L2 this year.
   - No outstanding actions.

   API 17L2: Recommended practice for flexible pipe ancillary equipment (Attachment 05)
   - No outstanding actions.

   API 17TR2: The Aging of PA-11in Flexible Pipe (Attachment 05)
   - No outstanding actions.

   **Action:** Chair to submit two-year extension for L1 and L2 at Summer 2018 Meeting.

c) API 17D: Subsea Production System
   - The Task Group report was given by Ross Frazer and Brian Skeels (Attachment 06).
   - Main topics being worked:
     - Valve cycle definition
     - Definition of critical bolting
     - HPHT Annex
     - IOGP JIP 33 publication
     - Harsh environment requirements
   - No outstanding actions.
   - Target is to submit for ballot in 2Q.
   - **Action:** Determine if we need to submit an SRRR to re-affirm existing edition by API Summer 2018 Conference.
d) API 17E: Subsea Umbilical
- The Task Group report was given by Daniel Harries (Attachment 07).
- Document was just published.
- No outstanding actions.

e) API 17F: Subsea Production Control Systems
- The Task Group report was given by Ed Baniak for Christopher Curran (Attachment 08).
- Ballot closed and went to publication late last year.
- Comments will be collected and then the Task Group will consider what needs to be done for the next revision.
- No outstanding actions.

f) Completion and Workover Risers:

- The Task Group reports for all 17G series of documents were given by Mike Byrd and Gregg Walz (Attachment 09a).
- Currently addressing comments before resubmitting for a ballot.
- No outstanding actions.

API 17G1: System Configuration and Operation of Subsea Well Intervention Systems (Attachment 09).
- On hold until comments on 17G are addressed.
- No outstanding actions.

API 17G2 - Subsea Pumping Well Intervention Systems (Attachment 09).
- On hold until comments on addressed on 17G and 17G1.

API 17G3 – Subsea Well Intervention Systems using Non-Ferrous Alloys (Attachment 09).
- On hold until comments on addressed on 17G and 17G1.

- On hold until comments on addressed on 17G and 17G1.

API 17G5: Intervention Work Over Control System (IWOCS)
- Awaiting approval of SRRR submission.
- This was originally a section in 17G. TG voted to remove that section and develop as a standalone document.
- Work will proceed on new document in parallel to other 17G and 17G1.

g) API 17H: ROV Intervention
- The Task Group report was given by Charles White (Attachments 10 and 10a).
- Target is to have 17H document out for ballot by April.
- Have included all 17TR15 with its comments into the 17H edition.
- **Action:** Submit withdrawal of 17TR15 when 17H is balloted for release.
h) API 17N: Subsea Reliability
   - The Task Group report was given by Mark Siegmund.
   - 17N was published last year.
   - No outstanding actions.

i) API 17O: HIPPS
   - The Task Group report was given by Ed Baniak for Christopher Curran (Attachment 11).
   - API 17O was published in 2014.
   - No current or planned activities.
   - No outstanding actions.

j) API 17P: Subsea Structures and Manifolds
   - The Task Group report was given by Charles White (Attachments 12 and 12a).
   - Material section was completely rewritten for second edition to address comments.
   - Second edition currently out for ballot and is scheduled to close on February 28th.
   - Want to publish by mid-year.
   - No outstanding action.

k) API 17Q: Subsea Qualification
   - The Task Group report was given by Matt Green (Attachment 13).
   - Comments have been addressed from ballot last summer and document submitted for publication.
   - **Previous Action:** Task group to confirm that a parallel ballot is raised to remove the two annexes in 17N when 17Q is balloted. – Completed

l) API 17R: Flowline Connections
   - The Task Group update was given by Steve Mansfield
   - Task Group has not identified any issues.
   - No ongoing work.
   - No outstanding action.

m) API 17S: Subsea Metering
   - The new Task Group chair Tim Goggans gave report.
   - Task Group is just getting started and looking for volunteers.
   - **Action:** New Task Group chair to review if any issues to be resolved. – Completed

n) API 17U: Wet and Dry Thermal Insulation of Subsea Flowlines and Equipment
   - The Task Group report was given by Ed Baniak for Aquiles Perez (Attachment 14).
   - API 17U published in February 2015.
   - A meeting is being planned towards the end of 1Q2018 on interest of future work.
• No RFIs have been raised.
• No outstanding actions.

o) API 17V: Subsea Safety
• The Task Group report was given by Ed Baniak for Christopher Curran (Attachment 15).
• API 17V published in March 2015.
• No current or planned activity.

p) API 17W: Capping Stack
• The Task Group update was given by Ed Baniak.
• First Edition was published in 2014.
• No RFIs have been raised.
• Recommendation is for Task Group to start now if it needs revision by the end of 2019.
• No outstanding actions.
• Action: Chair to discuss with Task Group to submit a SRRR to revise document.

q) API 17X: Recommended Practice on Subsea Pumping Systems
• The Task Group report was given by Dan Friedmann (Attachment 16).
• Comments being addressed in task group.
• Submission planned by end of March or early April for a full reballot.
• No outstanding actions.

r) API 17Y: Chemical Injections
• The Task Group report was given by Farah Saidi (Attachments 17 and 17a).
• Plan is for the document to go out for comment by July 2018.
• No outstanding actions.

s) API 17TR8: HPHT Design Guidelines (Attachments 18).
• The Task Group report was given by Brian Skeels.
• The document is planned to be submitted to API for publication by April.
• Previous Action: Task Group to explore different ways to continue this work. Options include as a resource group or a RP or a standard. – Ongoing.

7. Old and New business:
• No old business.
• New Business – Terry Cook, current SC17 Chair, indicated that he will be stepping down from that role prior to the Summer Standards meeting. Those interested in being nominated to fill that open position were encouraged to contact Terry Cook, Ed Baniak, or Austin Freeman.
• Previous Action: Brian Skeels and Ross Frazier volunteered to work with SC6 to
review and report under SC6 to address QC FIT report. - Completed

- **Action:** Investigate ways to gage access or usage of documents in the industry. Including subscription services.

8. Action items were reviewed and updated during the course of the meeting.

9. Upcoming Meetings:
   - 2018 Summer Meeting on June 11th to June 15th in downtown Denver, CO.
   - 2019 Winter Meeting on January 21st to January 25th in San Antonio, TX.

10. The meeting adjourned at 12:04 pm.