API 17N
Subsea Production System Reliability, Integrity, and Technical Risk Management

Winter Meeting 2017
See Last Summer Minutes
Summer Meeting Report

Progress to Date

- Late 2014 and 2015
- It was agreed at the End of Year 2014:
  - All “Qualification Programs” (Annex A)
  - Task 5 - Code language
- API 17Q was agreed:
  - Task 4 - Table 14
  - Task 7 - Table 38
  - Task 8 - Table 4
- Agreed:
  - A plan to complete the qualification programs
  - Eliminate the “Functional Safety” section
  - Eliminate the “Hazardous Operations” section
  - Additional meeting
  - An update of the project
  - Indicting the lead
- In response to this, the project was out to ballot using a new ballot form and only
  - Ballots due March 2015
  - “Communication Plan”
- A series of discussions was completed covering:
  - It was agreed that the word “substantial”, would be updated in response to the ballot process, and that comments to the Interim Report will be clarified.

Progress to Date

- A joint 17N and 17Q meeting was held to confirm ensure all subjects were being covered and that all interfaces worked/made sense
  - It was agreed that based on a couple of concerns, that 17N would be published with a couple of “Temporary Annexes”
    - Concerns
      - Potential lag between publication of 17N and 17Q
      - Wrong to reference a document that is not in place or is wrong (current version of Q)
    - References
      - Section B 10.4.2 TRUs - will refer to API 17Q (with a statement in parentheses to indicate that until API 17Q is published, the reader should refer to Annex “X”). The current TRU table currently in the 17Q draft which will be located with a statements that once Q is published that this should be ignored
      - Section 10.4.3 Technical Qualification Programs - It will refer to API 17Q (with a statement in parentheses to indicate that until API 17Q is published, the reader should refer to Annex “Y”). The current TRL / TRC Flowchart, which is used to determine if the TQP path is required, currently in the 17Q draft which will be located with a statements that once Q is published that this should be ignored
  - Once 17Q is published, 17N will be amended to delete Annexes “X” and “Y”
Summer Meeting
Current Progress / Plans

- Current Progress
  - All comments (Ballot and Working Committee) have been gathered organized and sorted by working committee
  - Committees are working comments
  - Joint meeting being planned for near term to agree revisions / responses to comments and work any “common” comments

- Plans
  - “Final” version of API 17N rev 2 to be forwarded to API along with completed comment spreadsheet by ..... *(Joint meeting will deliver date)*
Progress to Date

• Continued to progress work plan as presented and approved at Summer Meeting
• Deliver completed Document to API

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Ed,

Please find attached API RP17N Second Edition with the revised name of Recommended Practice Subsea Production System Reliability, Technical Risk and Integrity Management. For reference, this is our 10th draft.

As you are aware this document has undergone a number of significant changes from the first edition, both to add and cover the subject of Integrity Management and to separate the subject of Qualification which will now be covered in API RP17Q and referenced by this document. It also includes additional guidance for post design life cycle stages.

Also attached is a spreadsheet that lists all of the comments we received as part of the last ballot along with 17N work group responses and explanation/reasoning. The spreadsheet also highlights the comments that will be addressed by Work Group 17Q as part of the provision and transfer of the guidance associated with the subject of qualification. In addition, a row has been added to the spreadsheet to cover the additional work done by the work group that was not included in the ballot version. The spreadsheet is color coded as follows:

• Green cells - comment accepted and addressed
• Brown cells - comment rejected with justification
• Yellow cells - addressed by 17Q and temporary Annex E
• Pink Cells - to be addressed by API
Progress to Date

- Delivered completed Document to API – September 1, 2016
  - Delivery included:
    - Revised Document (10th draft)
    - Comment Spreadsheet
      - All Comments Received with Ballot Process
      - Comments Generated by Working Committee
        » Ballot went out early
      - Highlighted Items
        » Addressed by 17N
        » Rejected by 17N
        » Assigned / Addressed by 17Q
  - Agreed that no comment(s) were substantive enough to require another ballot
Progress to Date

• In response to the Joint 17N / 17Q working meeting and in agreement with API and Committee 17 management, the Document included 2 “Temporary” Annexes
  – Annex E – Introduction to Qualification and TRL’s
  – Annex F – Test Statistics

Annex E
(Informative)

New Technology Qualification

NOTE: This Annex is included to provide interim guidance until the next edition of API RP 17Q is published and may be removed at that time. The next edition of API RP 17Q is completely rewritten from the first edition, providing more detailed guidance for the industry on new technology qualification including qualification of modified/extended technology.

• Updated Document was delivered to 17 Voting Group and Guest Commentators for review and Final Approval – September 19, 2016
  – No disagreements received

• Document is being Formatted and prepared for Publication
  – Due - ????
Thanks and Questions