API C2 / SC 17
SUBCOMMITTEE ON SUBSEA PRODUCTION SYSTEMS

RECOMMENDED PRACTICE FOR FLOWLINE CONNECTORS AND JUMPERS

TASK GROUP 17R STATUS

JUNE 2019
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1. INTRODUCTION

The Flowline Connector and Jumper task group has the scope of work to maintain the published Recommended Practice (RP) that would be applicable to all types of remote connections and associated pipework utilized for the production and injection of hydrocarbons, water and chemicals. This currently covers remote connections made between subsea flowlines/pipelines (terminations and in-line), manifolds, and trees. The pipework between two connectors (jumper or spool) are covered as well. Associated equipment such as pressure caps, debris caps, pull in tooling, etc… are covered in this standard. Some of the main topics in this RP are:

- Description and guidance on application and selection
- Design and performance requirements for all components
- Definition of interface requirements
- Fabrication guidance
- Installation guidance
- Operations and maintenance guidance

2. PREVIOUSLY REPORTED STATUS

As previously reported, the document had been completed and was published in March 2015. Over the past 4 years, the co-chairs have been working with other Work Groups (17A & 17D) to address content, conflict and references as required.

During the 4th quarter of 2018, a survey/request was sent out to the members of API 17 SC, asking that RP 17R be reviewed and if there were any comments/suggestions from their representative organizations. To date, we have received 145 comments; 8 general, 31 editorial and 106 technical. Further, it has been suggested that elements from 17H and 17X either be incorporated or referenced in 17R.

At the Winter 2019 meeting, the co-chairs proposed to form a small committed & focused work group in Q1 of 2019 to specifically address the comments (primarily the 106 “technical” comments). The co-chairs were tasked to submit an SRRR to cover the work to be done following the close of the Winter meeting.
3. CURRENT STATUS

Following the Winter meeting a SRRR was submitted and approved. Two (2) working sessions were held during Q2 with significant attention spent on the 106 technical comments.

The current members of this workgroup are:

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<tr>
<th>Name</th>
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<tbody>
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Following the initial review of the comments received, there are eleven (11) technical issues (and possibly other editorial/general comments) that the co-chairs believe are worthy of a more detailed review/debate among a larger workgroup. We are now proposing to seat a larger group to participate in three (3) to four (4) working sessions to review and resolve the remaining issues. This group will also have the opportunity to review and address all 145 comments, including the responses generated by the focus group above.

The co-chairs are specifically asking for participation/representatives from the following organizations:

- Exxon
- Chevron
- BP
- GE
- TechnipFMC

We would also welcome members from other organizations that choose to participate.

It is currently anticipated that Rev 2 will require a ballot, limited only to the changes made. The plan would be for a ballot in Q4 with the work group coming together again right after that to address and resolve comments in Q1 of 2020.
Barring any unforeseen issues, this should allow 17R Rev 2 to be issued in 2020, meeting the 5-year cycle (Rev 1 March 2015).

4. **UPDATED TARGET DATES FOR DELIVERABLES**

Proposed schedule for 2019:
- Seat new focused Work Group – Q1  
  Actually accomplished Q2
- Hold workshops to address current comments – Q1 & Q2  
  Done
- Enhanced Workgroup resolve outstanding issues - Q3/Q4
- Rev 2 completed and sent to API for ballot – Q4

5. **MAJOR ISSUES**

Seating an “Enhanced” Work Group.

6. **ANTICIPATED NEW WORK ITEMS**

See Section 3 above.

7. **PLANS FOR FUTURE MEETINGS**

Currently, we are planning the following:
- 3 to 4 working meetings Q3 into Q4

8. **RESOURCE NEEDS**

Volunteers for a 1 year committed/focused work group.

API RP 17R in native format for editing purposes.