SC 6 Task Group 1 Pipeline and Valve Standards Status Report

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SC-6 TG1 Status Report

- 6D - 25th Ed. - Pipeline and Piping Valves
- 6DSS 3rd Ed. Subsea pipeline valves
- 6DSSX 1st Ed. - Actuator Sizing for Subsea pipeline valves
- 6DX - 2nd Ed. - Actuator Sizing for pipeline valves
- 6FA 3rd Ed. - Fire Test Valves
- 6FD 1st Ed. - Fire Test Check Valves
- 6DR - 3rd Ed. - Repair & Remanufacture of Pipeline Valves
- 6D-HP - 1st Ed. - Pipeline valves for high pressure service
API 6D -25\textsuperscript{th} ED

• Revision on the 25\textsuperscript{th} edition held (2) -2day TG meetings in 2019 since the Summer Standard Conference. Average attendance has been about 30-40, plus about 5-10 on Skype call.

• TG has revised new informative Annex M on items/processes when required by the purchaser that address IOGP JIP33 S-562 trunnion mounted ball valves.
API 6D -25th ED-Cont.

• Document has been reorganized along the same lines as 6A-21E.

• TG has agreed to mandatory requirements in API 20E BSL1 and 20F BSL2 in the main text.

• Also TG has added notes as guidance throughout the document for possible use of API 20A, 20B, 20C, 20D, 20G, 20H, 20J, 20L and 20N.
API 6D -25th ED-Cont.

- New draft document will include a new informative Annex F on Design Validation testing.

- TG has agreed to add new Annex N for Repair and Remanufacturer of valves. This will replace the current standalone API 6DR.

- TG to review possible including some text from IOGP JIP33 - S562 on 6D ball valves that are currently in draft section Annex L.
6DSS 3rd Ed. Subsea pipeline valves

- Publish August 2017 with effective date of August 1, 2018

- No TG meetings since 2019 summer standards conference.

- Addendum 1 issued April 2019 with Affective date of August 2019.
6DSSX 1st Ed. Actuator Sizing for Subsea pipeline valves

- No new TG meetings in 2019 since the Summer E&P Standards Conference in New Orleans.
- Ballot # 5003 was issued 12/25/2019 to close 02/05/2020.
6DX 2nd Ed. Actuator Sizing for pipeline valves

• Task Group met 4-times in 2019.
• Using API 6DSSX as template for major revision.
• Participation has been light, but acceptable progress is being made.
• 2nd ballot completed October 2019
  – 23/24 responses, 20 affirmative and zero negative
  – Comments resolved Dec. 2019
• Sent for publication Dec. 2019
Fire Type Testing Standards

• 6FA 4th Ed – Fire Test Valves – Published June 2018

• Planned TG meeting in 1Q20 to include testing from 6FD Fire Testing of check valves.

• Also consider making some small improvements from API 6FB document about to be published.
Fire Type Testing Standards –Cont.

• 6FD 1st Ed.- R2013 Sept. Fire Test Check Valves-

Standard was reviewed by TG with recommendation to include the check valves testing steps into next revision of 6FA on 1Q20.
Repair and Remanufacturer of Pipeline Valves

- 6DR 2nd Ed.- Repair and Remanufacturer of Pipeline Valves

- Document is out for ballot to be reaffirm to meet API policy. Ballot closed 01/07/2020.

- Text will be included in new Informative Annex N for the Repair and Remanufacture of Valves to be included in API 6D -25th Ed.
API 6D HP- Pipeline Valves for High Pressure Service

- End-user have requested that SC6 TG1 develop a new API 6DHP to provide high pressure pipeline valves exceeding the normal ASME class greater than class 2500. It will include some features similar to API 6A - 21E with PSLs and design validation.

- New SR3 issue to CSOEM during Winter meeting in San Antonio 1Q18. A new TG chairman has been identified- David Headspeath with Petrolvalves.
API 6D HP- Pipeline valves for High Pressure Service –cont.

- This specification defines the requirements for the design, manufacturing, assembly, testing, and documentation of ball, check, gate, and plug valves for application in high pressure pipeline systems for the petroleum and natural gas industries.
Questions?