API Standard 53 Update
January 2016

API Standard 53 Chairman: Ricky Cummings

Co-Chair: Danny Fugate

Secretary: Open
API Standard 53 Update
January 2016

Current 4\textsuperscript{th} Edition
API Standard 53 Status

- Steady participation from industry
API Standard 53 Status

- Standard in circulation for three years
- Still receive RFIs—36 total with two more this week
- Clarifying interpretation requests
- Addressing major Interpretation requests and clarifications
  - 1st Option - Collect revisions for an Addendum
  - 2nd Option – Number of revisions could call for a 5th Edition
S53 Current Activity

- Section 6 (surface req.) and 7 (subsea req.) clarifications – driving the addendum request
- Section 6 and 7 consistency
- Began Testing Sub-Group
  - Fugate leading testing sub-group
  - Clarifying testing requirements
  - Adding Stack “Hop” testing requirements
S53 Current Activity

• Issues
  • Design statements in 53
    • Current language refers to either a specific revision or no revision – which defaults to the latest revision. Now equipment shall be in accordance with specification documents that was in effect at time of system manufacture - Later editions may be used for modifications or remanufactured equipment
    • Desire to review all design statements in S53 and review for retention
S53 Current Activity

• Issues
  • Clarified the 5 year major inspection requirements – when the 5 year starts
    • Shear ram blades and retention bolts shall be inspected annually – allows for condition based maintenance philosophy
  • 4th edition does not clearly state a closing time requirement for non-sealing shear rams. Added a 45 second or less closing time requirement.
  • Added non-sealing shear with a ROV receivable time requirement: 45 seconds or less
S53 Path Forward

- Submit Addendum request and begin ballot process
- Addendum to include major interpretations from Industry and a Audit Checklist for industry to check against S53 compliance
- Review all design requirements in S53 and review for retention
S53 Path Forward

- Continue aligning Section 6 & 7 where necessary
- Informative Statements:
  - Review all informative statements throughout the document and review for decision to retain
- Possible structure change of the topics – will be final discussion review from task group:

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