

BSEE STANDARDS WORKSHOP HPHT SESSION MAY 8, 2015

API SC16 Chairman: Kent Grebing

16A Chairman John Busby

16C Chairman Christopher Scarborough

SC 16 Documents

16A	Spec: Drill-through Equipment
16AR	Std: Repair & Remanufacture of Drill-through Equipment
16C	Spec: Choke and Kill Systems
16D	Spec: Control Systems for Drilling Well Control Equipment and Control Systems for Diverter Equipment
16F	Spec: Marine Drilling Riser Equipment
16Q	RP: Design, Selection, Operation and Maintenance of Marine Drilling Riser Systems
16R	Spec: Marine Drilling Riser Couplings
16RCD	Spec: Drill Through Equipment--Rotating Control Devices
16ST	RP: Coiled Tubing Well Control Equipment Systems
53	Std: Blowout Prevention Equipment Systems for Drilling Wells
59	RP: Well Control Operations
64	RP: Diverter Systems Equipment and Operations
16 AS	System level document for the design of subsea BOP stacks
16 B	BOP equipment for Wireline , coil tubing and polished rod applications

API 16A Status John Busby Chair

- 3rd Edition / June 2004 / Effective Date: December 1, 2004
- Reaffirmed: August 2010
- Ballot closed 4-20-2015 (4th Edition)
- Present Status: Comment review
- Resolve comments (747)
- Re-ballot revisions
- Release for Legal review and publication 4th quarter 2015

API 16C Chris Scarborough Chair

- API 16C 2nd Edition Published March 2015
- Begin drafting 3rd edition
- Comprehensive rewrite of document

HPHT SC 16 –Today

- Several references to pressures in the 20,000 PSI Range, some verbiage about material de-rating at elevated temperatures
- ASME Boiler and Pressure Section VIII, Division 2 Appendix 4 and 6 (2004), Distortion energy theory
- Design Calculations for Pressure-containing equipment 6X
- Manufacturers have designed and put into service several 20 K BOPs

HPHT Plan

- Created work group to address HPHT across SC 16 documents
- Use 17TR8 as basis
- Input from manufacturers and others
- Write Specifications to be included in SC 16 suite of documents , 16A, 16C

Questions