

ISO/TC67 Update

- Together for the World -

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BSEE Domestic and International Standards Workshop
New Orleans
14-15 November 2012

Objective



- Provide a grounding to participants on ISO/TC67 activities as input to the break out sessions
- Explain where ISO/TC67 fits in todays world

ISO/TC67 Scope



Standardization of the materials, equipment and offshore structures used in the drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries.

Excluded: aspects of offshore structures subject to IMO requirements (ISO/TC 8).

So: Upstream & Downstream, Onshore & Offshore

ISO/TC67 Vision



Global Standards Used Locally Worldwide

ISO/TC67 Goals



- Prepare standards required by the industry
- Prepare standards that are adopted worldwide by bodies such as:

ABNT (Brazil) API (USA)

CEN (Europe) GOST R (Russian Federation)

GSO (Gulf Region) SAC (China)

- Prepare standards that are recognized by regulators
- Publish standards that enable companies to minimize their specifications
- Deliver standards to the agreed work programme

ISO/TC67 Facts



Created: 1947

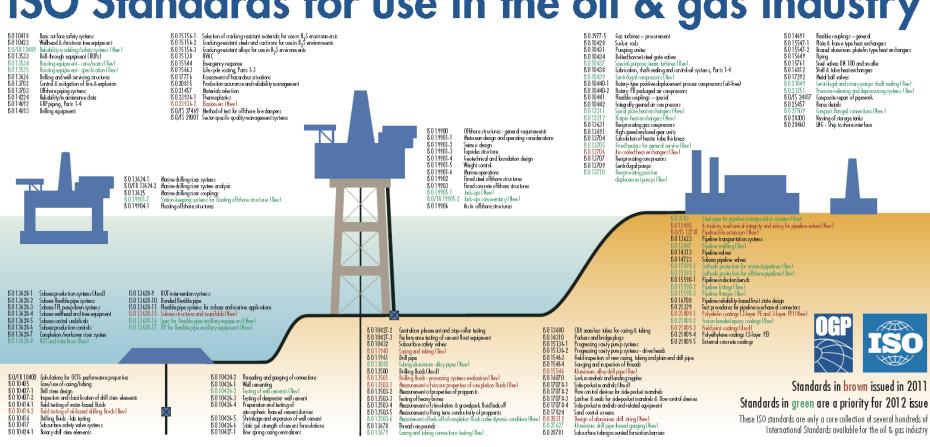
Published standards: 161

Current work programme: 105

Experts: 2500+

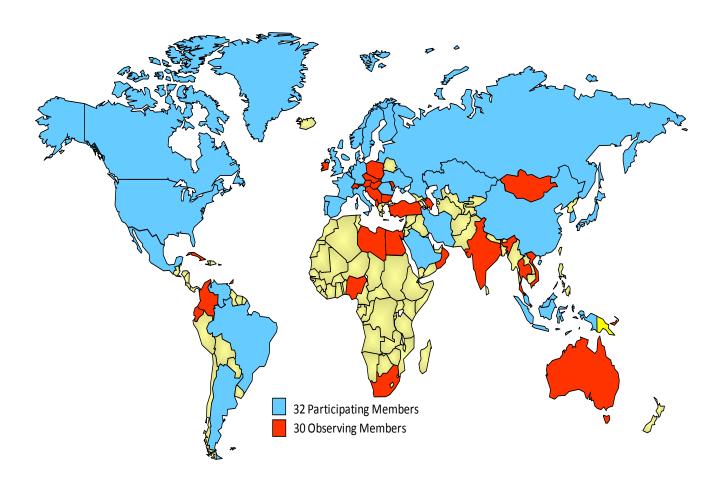
- Liaison with external stakeholders
 - International Regulators Forum (IRF)
 - International Association of Oil and Gas Producers (OGP)
 - International Association of Drilling Contractors (IADC)
 - Regional standardisation organisations (CEN, GSO)
 - Other standardisation organisations (e.g. NACE)
- Liaison with 19 TCs e.g.
 - ISO/TC153 (Valves)
 - ISO/TC118 (Compressors)
 - IEC/TC18 (Electrical installations of ships and of mobile and fixed offshore units)

ISO Standards for use in the oil & gas industry



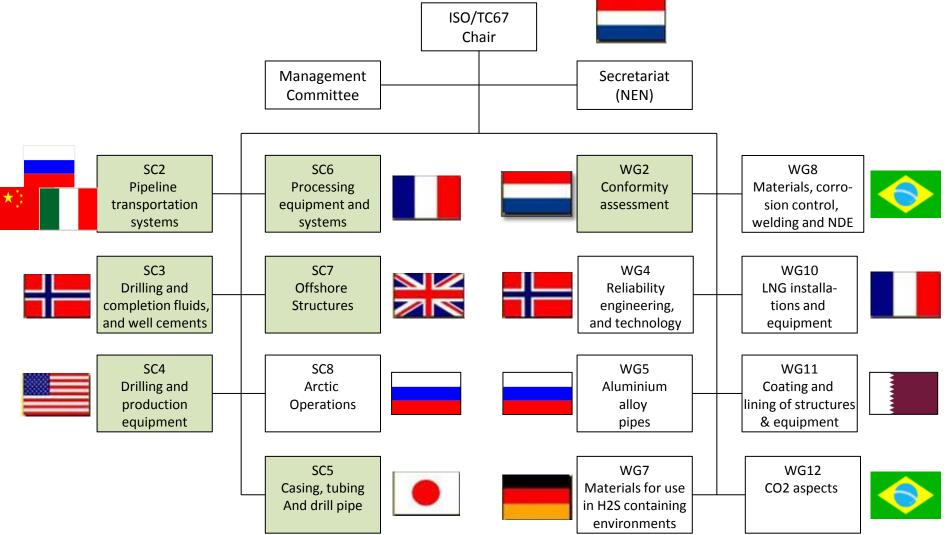
ISO/TC67 Membership





ISO/TC67 Structure





ISO/API Mapping



ISO	API
SC2: Pipeline Transportation Systems	SC5 (partly – line pipe)
SC3: Drilling and Completion Fluids	SC10
SC4: Drilling and Production Equipment	SC6, SC16, SC17
SC5: Casing, Tubing and Drill Pipe	SC5
SC6: Processing Equipment and Systems	CRE subcommittees
SC7: Offshore Structures	SC2
WG2: Conformity Assessment	SC18

Global developments



- Increased global energy demand as economies around the world continue to expand
 - Hydrocarbon sector will remain important
- New economies are eager to participate in all parts of the industry
- Regulators continue to be very interested in the normative aspects of standards
- Expectations on the performance of the industry will only increase
- The world is more and more connected

=> The role of ISO/TC67 is as vital as ever before

Current issues (1)



ISO/TC 67 response after Macondo and Montara incidents (2010):

- Identification of short and long term actions
 (ISO/TC67 document N 1119) December 2010.
- 30 ISO standards under revision (10 high priority)
- Lessons need to be used in the entire world
- International standards are an essential tool in this
- However, needs close cooperation with others -API, IRF and OGP

Current issues (2)



- Cooperation between API and ISO suspended
- European and US trade regulations
 - Temporary solution for experts to continue their ISO work through OGP
 - API & OGP looking at industry options for global standardization
 - Positive decisions from OFAC (USA) and European Commission on ISO work

International standards

Creating CONFIDENCE globally



World Standards Day



Simplified flow chart OGP interim solution compared to ISO route



