

**IOGP JIP35:
The industry joining forces to reduce and align offshore structures
specifications**

**Oddgeir Dalane, Equinor
and IOGP Offshore Structure subcommittee chair**

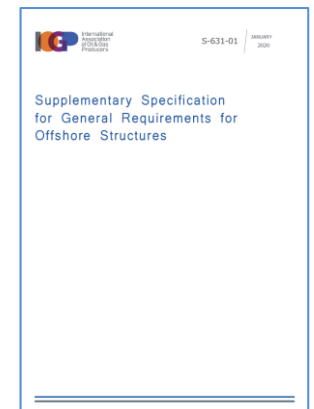
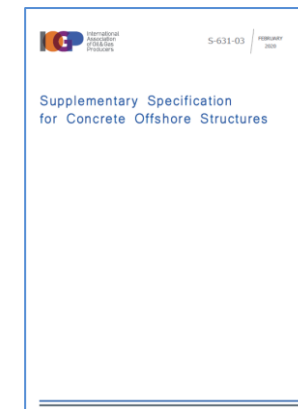
Standardization session, 30 August 2022:
*Standardization accelerates value creation in
the Oil and Gas Sector – Energy transition*



Standardization of Offshore Structures Specifications

Offshore Structures Specification Task Force (Formed in 2017):

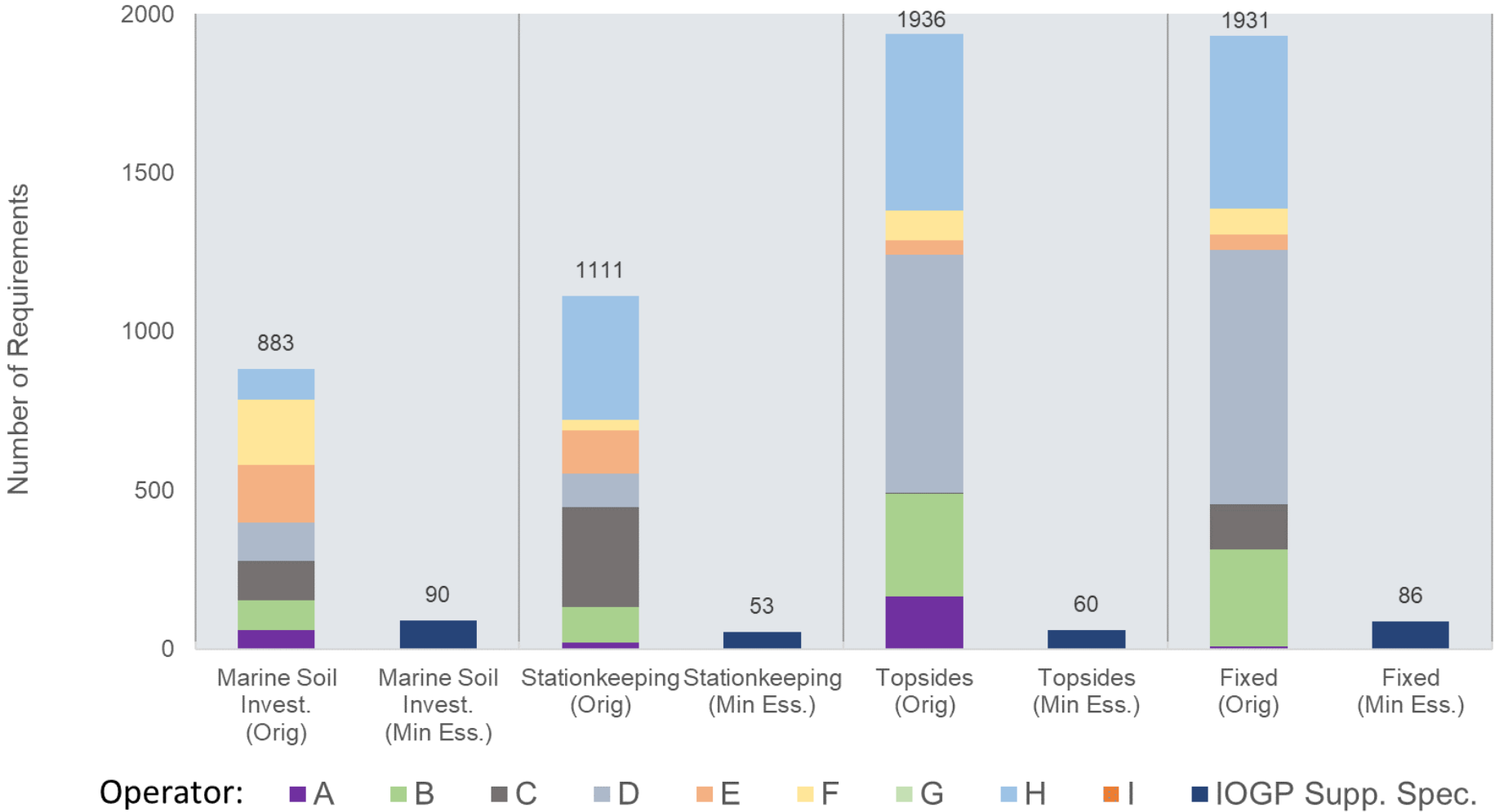
- **Objective:** Selection of an agreed base standard; using the contributing operators' specifications as input, identify and agree **minimum, essential common** requirements, documenting these in jointly approved supplementary specifications, published by IOGP.
- **11 contributing operators:** bp, Chevron, Eni, Equinor, ExxonMobil, Inpex, Petronas, Shell, Suncor, TotalEnergies and Woodside.
- **Leadership:** Chairs - Simen Moxnes, Equinor (Ph.1 & 2) and Andre van der Stap, Shell (Ph.3).Vice Chair – Philip Smedley, bp (Ph.1,2 & 3)



Selected Base Standards

Topic (IOGP Supplementary Spec)	Selected Base Standard
General Requirements (S-631-01)	ISO 19900
Metocean (S-631-09)	ISO 19901-1 (API 2MET is a modified adoption)
Seismic (S-631-08)	ISO 19901-2 (API RP 2EQ is a modified adoption)
Topsides (S-631-04)	ISO 19901-3: 2014 (API RP 2TOP is near equivalent)
Foundations (S-631-05)	ISO 19901-4 (API 2GEO is a modified adoption)
Weight Management (S-631-06)	ISO 19901-5
Stationkeeping (S-631-07)	ISO 19901-7 (API RP 2SK is near equivalent)
Marine Soil Invest. (S-631-10)	ISO 19901-8
Fixed Jacket (S-631-11)	ISO 19902 (API RP 2A (LRFD) is a modified adoption)
Concrete (S-631-03)	ISO 19903
Arctic (S-631-02)	ISO 19906 (API RP 2N is a modified adoption)
Floating Structures (S-631-13)	Phase 3 Scope – under development
Structural Materials (S-631-12)	Phase 3 Scope – under development
Marine Operations (S-631-13)	Phase 3 Scope – under development

Consolidation and Reduction of Company Requirements



Phase 4 proposal

Bringing offshore structures preferred standards to the next level

- The next step is wanting to further improve the preferred standards
- **Suggested next steps in phase 4 to start 2022**; for selected ISO standards (TC67/SC7);
 1. Consolidation and rationalization of requirements into the ISO base standards;
 2. Transformation of ISO standards beyond oil & gas structures to cover renewables;
 3. Digitalization of technical requirements.
- Planned to be launched in 2022 and started January 2023 (at latest):
 - New phase – legally disconnected from phase 1-3
 - Looking for non-IOGP members to join i.e. new energy companies

Publications: Supplementary Specifications



Freely Available on IOGP website – www.iogp.org/jip35

Thank You

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