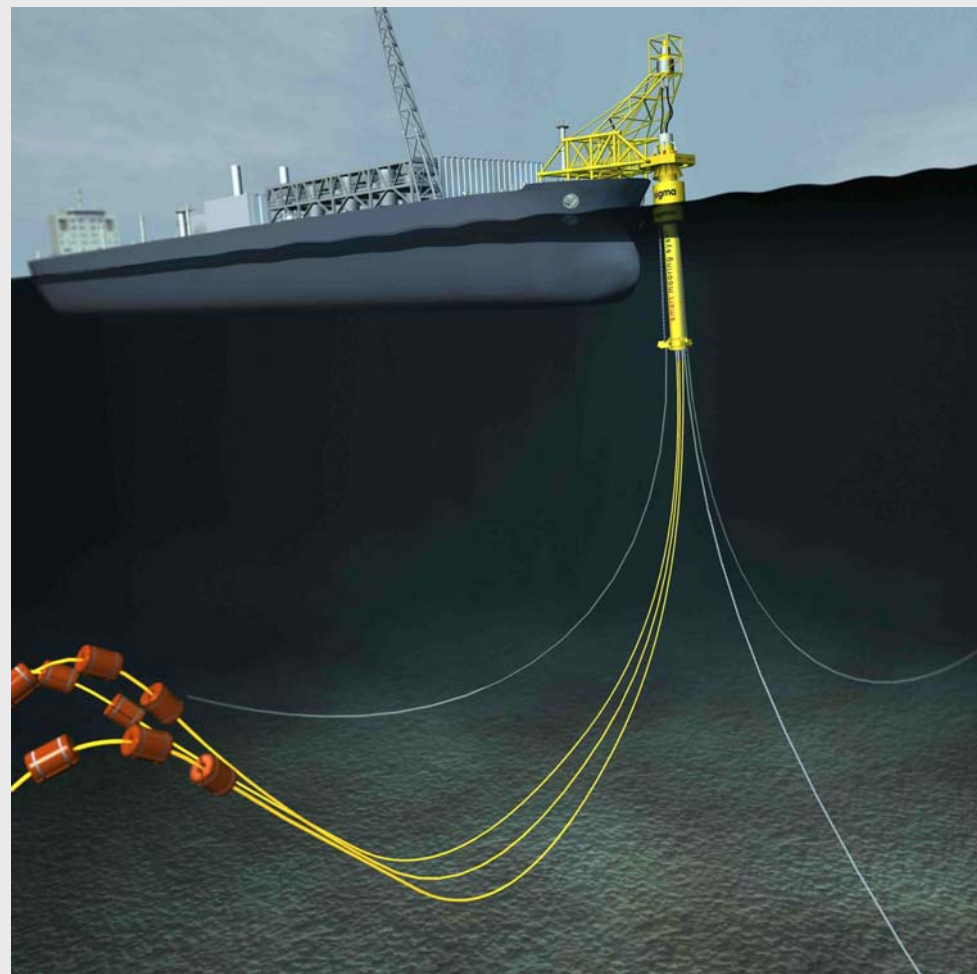


Report on WG3

David Galbraith



ISO 19901-1 Metocean

- **New Panel 1 Convenor**
 - Don Smith, Eni UK
- **Interface meeting – mid June**
 - David Galbraith
 - Chris Shaw (outgoing convenor)
 - Colin Grant (BP)
 - Don Smith

ISO 19901-1 Metocean

- **Revision expected 2010**
- **Some updates to main text**
- **Revisions to GoM regional annex**
- **Update to Canadian regional annex**
- **New regional annexes Caspian, South China Sea, Sea of Okhotsk**
- **Request for Mediterranean**

ISO 19901-2 Seismic

- **Small technical group looking at deferred comments on 1st Edition**
 - Mike Efthymiou – Shell, NL
 - Hugh Banon – BP, US, Former P5 convenor
 - Doug Stock – Digital, US, Current P5 convenor
 - David Lau, Carleton University Ottawa, CA
 - Richard Snell
- **No additional responses to invitation to participate**
- **Technical group working by correspondance**

ISO 19901-2 Seismic

- **Discussion document prepared by Mike Efthymiou / Jan Vugts**
 - Originally prepared for Shell use – Sakhalin
 - Cost benefit / ALARP / comparison of risks from different sources
- **Return period possibilities**
 - 3500 – 5000 years
 - 2500 years plus action factor

[Mike's presentation](#)

ISO 19901-3 Topsides

- **Being upgraded from DIS to FDIS**
- **Addressing comments**
 - 90% complete
- **Revising handling of National Building Standards**
 - All have changed
 - Simplified procedure
- **Some rearrangement completed**

ISO 19901-3 Completion

- Remaining comments (associated with below)
- Consistency with ISO 19902 materials section
- Accidental actions – ensure up-to-date
- Detailed editorial review
 - Including consistency with ISO 19902 & 19901-6
- Editing panel review and agreement

ISO 19901-3

Schedule & Budget



- **Schedule**
 - 08/09 Ready for editing panel
 - 11/09 Ready for FDIS
 - 04/10 FDIS publication
 - 08/10 ISO
- **Budget**
 - Editing panel – say 2 people for 2 weeks
+ expenses for 3 for 1 week meeting
 - £22k

ISO 19902 Fixed steel offshore structures



- **No current activity**
- **Potential reorganization – splitting off some text into ISO 19901**
 - **Materials selection (Steels)**
 - **Structural Integrity Management**

API adoption – status 2009Q1



INTRODUCTION										
RP 2GEN/ISO 19900										
General Parts										
Metocean	Seismic Design	Topsides Design	Geotechnical	Weight Control	Marine Operations	Station Keeping	Fire and Blast	Structural Integrity Management	Plates	Shells
RP 2MET/ ISO 19901-1	RP 2EQ/ ISO 19901-2	RP 2TOP/ ISO 19901-3	RP 2GEO/ ISO 19901-4	RP 2WGT/ ISO 19901-5	RP 2MOP/ ISO 19901-6	RP 2SK- RP 2SM/ ISO 19901-7 RP 2I	RP 2FB ISO 19901-3	RP 2SIM ISO 19902 / ISO 19904-1	2V N/A	2U N/A
Specific Structures										
Fixed steel structures		Concrete Structures	Floating Structures	TLP	Jack-ups	MODUs	Arctic Structures	Riser Design		
RP 2A WSD	RP 2A LRFD/ ISO 19902	RP 2CON/ ISO 19903 ?	RP 2FPS/ ISO 19904-1	RP 2T N/A	?? ISO 19905-1	?? ISO 19905-2	RP 2N/ ISO 19906	RP 2RD		
N/A										
Existing		Under Revision		Under Development		Not Started		No Plans		