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**Secretariat of ISO/TC 67/SC7
Offshore structures for Petroleum and
Natural gas Industries**

To:

The P and O Member Bodies
for forwarding to their national delegates

and to

ISO/TC 67 Secretariat
ISO Central Secretariat

**REPORT FROM ISO/TC 67/SC7 OFFSHORE STRUCTURES, AS SUBMITTED TO
ISO/TC 67 FOR THE PLENARY MEETING IN MILAN – 24th & 25th SEPTEMBER 2003**

REPORT FROM ISO/TC 67/SC7 - OFFSHORE STRUCTURES

1. **SC Title :** Offshore Structures for the Petroleum and Natural gas Industries
2. **SC Scope :** Standardization in the field of offshore structures used in the production and storage of petroleum and natural gas, including procedures for assessment of the site specific application of mobile offshore units.
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6. **SC Membership: P- Member Bodies: (16)**

ABNT (Brazil)	AFNOR (France)	ANSI (USA)
BSI (UK)	ASRO (Romania)	BSN (Indonesia)
DS (Denmark)	GOST R (Russian Federation)	IRAM (Argentina)
JISC (Japan)	NEN (Netherlands)	NSF (Norway)
SACS (China)	SCC (Canada)	SFS (Finland)
UNI (Italy)		

O- Member Bodies: (8)

AENOR (Spain)	DIN (Germany)	EOS (Egypt)
KATS (Korea, Republic of)	PKN (Poland)	SAI (Australia)
SASO (Saudi Arabia)	SZS (Yugoslavia)	

Liaison Members: (4)

OGP, IACS, IADC, MMS

7. **SC Organizational Structure:** see Annex A.
- | | | |
|------|-------|----------------------------------|
| SC 7 | BSI | Offshore Structures |
| WG 1 | AFNOR | General Requirements |
| WG 2 | NEN | Regional Annexes |
| WG 3 | ANSI | Fixed Steel Structures |
| WG 4 | NSF | Fixed Concrete Structures |
| WG 5 | ANSI | Floating Systems |
| WG 6 | NSF | Weight Engineering |
| WG 7 | BSI | Site Specific Assessment of MOUs |
| WG 8 | SCC | Arctic Structures |
| WG 9 | NEN | Marine Operations |
8. **SC Programme:** see Annex B.
9. **Achievement:**

The work of ISO/TC 67/SC 7 is ongoing and progress remains positively focussed. During the period since the last report in August 2002, the first ISO/TC 67/SC 7 standards in the new series have been published in accordance with the Vienna Agreement. EN ISO 19900 "General requirements" was published in December 02. Furthermore two FDIS ISO 19901-5 "Weight control" and ISO 19901-4 "Foundations" have been subjected to FDIS vote and both were unanimously accepted. EN ISO 19901-5 has already been published in July 03 and EN ISO 19901-4 is expected later in August 03.

Both documents attracted editorial comment, which have been incorporated into the final drafts, thanks to the special relationship that ISO/TC67 enjoys with ISO/CS Technical Editors.

Currently ISO 19901-2 "Seismic" is out for DIS comment, which terminates in September 03 and this will be followed in late September by circulation of the FDIS for 19901-1 "Metoocean".

Also during the consideration period, the CD of ISO 19903 "Fixed concrete" was issued and commented on by members. WG4 are currently addressing the comments and will produce the DIS within the next year.

At the request of Working Group 5, ISO/TC 67/SC 7 has agreed to separate the stationkeeping and related mooring elements, from ISO 19904 to create two separate deliverables:

- ISO 19904 "Floating offshore structures"
- ISO 19901-7 "Stationkeeping systems for floating offshore structures and mobile offshore units".

Preparatory work for the Arctic offshore structure standard has started, although due to the complexity of the subject and the need to consider the voluminous reference material available, it is not planned to finalize the ISO until 2009. This may have repercussions with the new ISO TMB resolution (30/2003) on "Timeframes for the development of a standard". ISO/CS have been advised of the situation.

OGP funding for technical editing of the SC 7 drafts remains a positive influence on progress and is essential to maintain the momentum. It is also noted that where necessary, BSI Editors are supporting the Working Groups, by project editing and formatting the drafts in the ISO template.

10. Proposed action for ISO/TC 67/SC 7 in coming year:

- Providing the good progress is maintained, it is anticipated that SC 7 will produce one FDIS, five DISs, two CDs and one WD (see Annex B)
- The introduction of the new draft ISO 19901-7 should not impair the progress of ISO 19904.

11. Meetings since last report (August 2002)

SC 7	Perth Copenhagen	2002-10-29/30 2003-06-03/04
WG 3		None
WG 3 EP		Regular EP meetings
WG 4	Oslo	2002-08-9/10
WG 5	Houston	2003-05-05/09
WG 5 EP		Regular EP meetings
WG 6		None
WG 7	London Houston	2002-10-10 2003-05-05/08
WG 8	Moscow Trondheim	2002-12 2003-06
WG 9 EP	Oslo	2002-12-18/19

12. Planned future meetings of SC 7

The twentieth meeting of SC 7 is scheduled for 10/11 February 2004 in Tokyo, Japan

The twenty-first meeting of SC 7 is scheduled for October 2004 in Rio de Janeiro, Brazil.

The twenty-second meeting of SC 7 is scheduled for late May 2004 in Denpasar, Indonesia

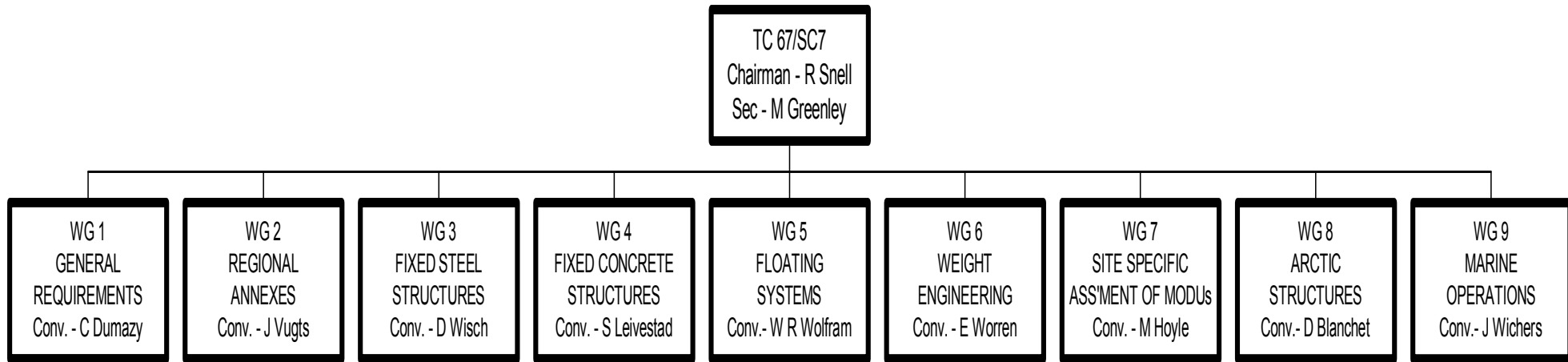
13. TC/SC Liaisons:

SC 7 continues maintaining liaison with:
ISO/TC 8, ISO/TC 98, ISO/TC 167, CEN/TC 12 and CEN/TC 250

MALCOLM GREENLEY
For the BSI Secretariat of ISO/TC 67/SC 7

Annex A
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ISO/TC 67/SC7
ORGANIZATIONAL STRUCTURE



CURRENT ISO/TC 67/SC7/WG3, WG4, WG5 AND WG 7 PANELS

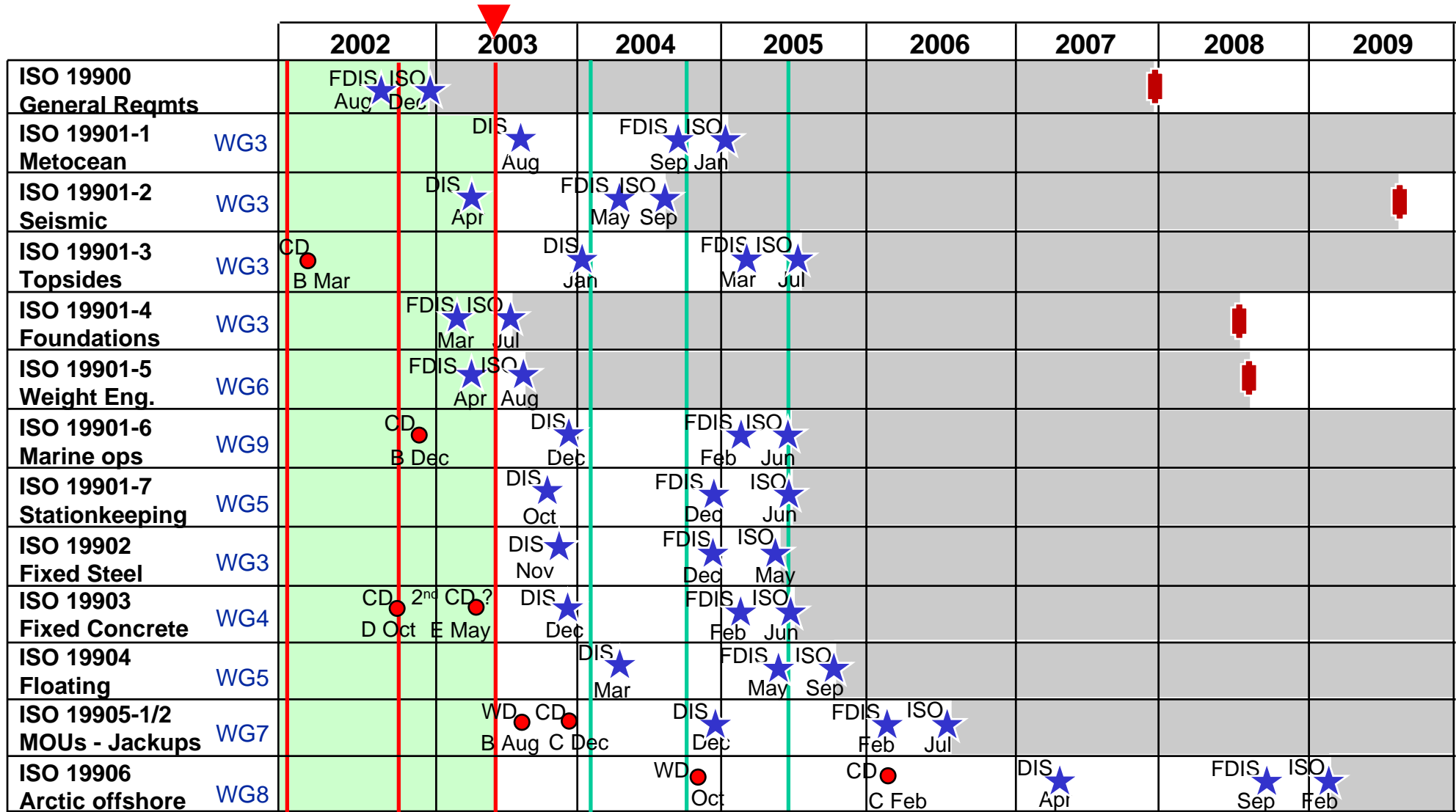
WG3	WG4	WG 5	WG 7
P 1 – Metocean	P 1 – Metocean	P 1 – Global Responses	P 1-2 Metocean and Actions
P 2 – Actions	P 2 – Actions	P 2 – Structural Analysis	
P 3 - Sub-Structure		P 3 – Inspection & Condition Monitoring	P 3 – Structures & Responses
P 4 – Foundations	P 4 - Geotechnical Design	P 4- Mechanical Systems & Marine Operations	P 4 – Foundations
P 5 - Seismic Design	P 5 - Seismic Design	P 5 – Station keeping & Moorings	**P 5 – Seismic
P 6 – Materials		P 6 - Risers	
P 7 – Corrosion			
P 8 - Inspection & Condition Monitoring			
P 9 - Topside Structural Design	P 9 - Topside Design		
P 10 – Other			P 10 – Calibration & Acceptance Criteria
	P 11 - Structural Analysis		P 11 – Long Term Considerations (Fatigue/Inspection)
WG3 Editing Panel	P 12 - Concrete Works		**P 12 – Mat Units
	P 13 - Mechanical Systems		**P 13 – Drilling risers/Conductors
	P 14 - Marine Operations		**P 14 – Lift boats
	P 15 - Inspection/Condition Monitoring		
	* PX - Design Principles		

* This is an Ad-hoc group under WG4

** Indicates Panels that may be established later

ISO TC67/SC7 Programme of Work

Updated at 19th SC7 Meeting, Copenhagen, Denmark - June 2003 – see also <http://sc7.tc67.net/>



- = draft is within SC7
- ★ = doc. is publicly available
- = systematic review (5 years)

Milan Perth, Australia **Copenhagen** Tokyo, Japan Rio de Janeiro Denpasar

Annex C

Proposed Standards for Offshore Structures

19900	Petroleum and natural gas industries – General requirements for offshore structures
19901	Petroleum and natural gas industries – Specific requirements for offshore structures – in seven parts as follows: ⇒ Part 1: Metocean design and operating considerations ⇒ Part 2: Seismic design procedures and criteria ⇒ Part 3: Topsides structure ⇒ Part 4: Geotechnical and foundations design considerations ⇒ Part 5: Weight control during engineering and construction ⇒ Part 6: Marine Operations ⇒ Part 7: Stationkeeping systems for floating offshore structures and mobile offshore units.
19902	Petroleum and natural gas industries – Fixed steel structures
19903	Petroleum and natural gas industries – Fixed concrete structures
19904	Petroleum and natural gas industries – Floating offshore structures
19905 –1/2	Petroleum and natural gas industries – Site-specific assessment of mobile offshore units –initially in two parts as follows: ⇒ Part 1: Jack-ups ⇒ Part 2: Jack-ups commentary (Technical Report)
19906	Petroleum and natural gas industries - Arctic structures