
Status: ISO 19901-3 Topsides

CAC ISO TC67/SC7 WG Leader: R. M. Grant

April 12, 2007

ISO 19901-3 Topsides

Background:

ISO 19901-3 (Topsides) Committee Draft (CD) issued by ISO for comment in June 2002

Text for ISO 19901-3 Accidental Actions developed by ISO Technical Core Group (R. Grant member) during 2003

ISO 19901-3 Topsides

Background:

ISO Panel 9 meeting held in London December 9th, 2004 to develop the plan for DIS publication (Ref: R. M. Grant delegate report, dated December 6th, 2004)

Agreement reached that the Canadian structural standard, S16.1, would be referenced directly within the standard (note: ISO 19901-3 presumes that local (National) structural standards are available. ISO CD 19901-3 currently refers to local codes/standards such as AISC, EuroCode & BS).

The Topsides working group was “stood-up” in December 2004 (following Dec 6th ISO meeting) to prepare the group for the review and comment on the DIS Topsides Standard.

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Current Status of Topsides DIS

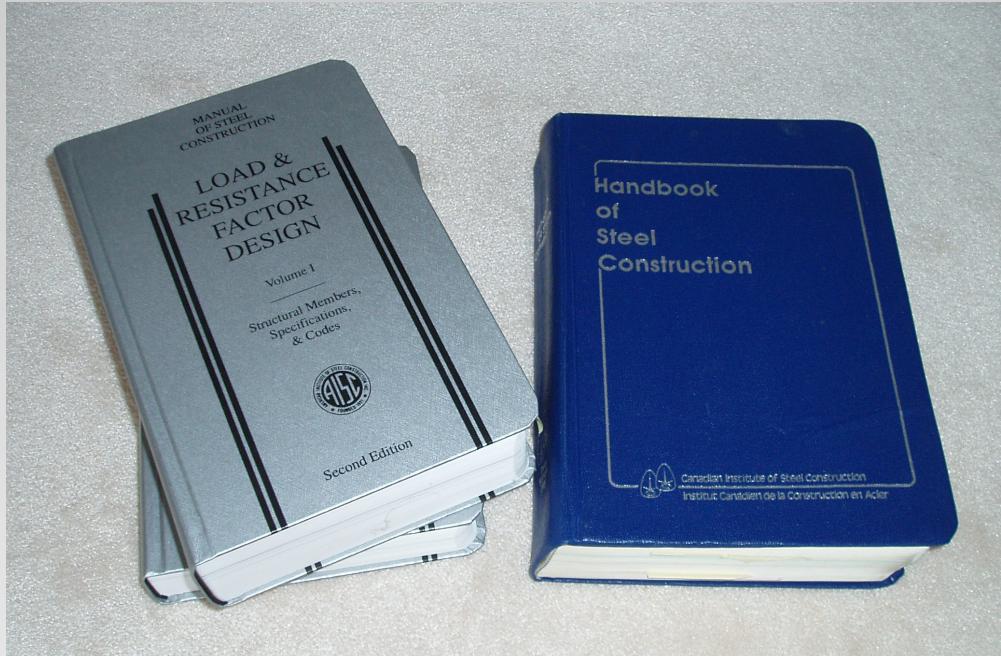
The DIS of 19901-3 was scheduled for April 2005. Since that time ISO TC67 SC7 WG3 efforts have focused on ISO 19902 (Fixed Steel) including the FDIS document.

Current schedule for DIS publication of 19901-3 is end of May 2007.

Once the DIS date is finalized, plans will be implemented for preparing Canada's response to 19901-3 (including the development of text associated with the inclusion of S16.1).

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Note: ISO 19901-3 presumes that local (National) structural standards are available. ISO CD 19901-3 currently refers to local codes/standards such as AISC, EuroCode & BS. Agreement to include CSA S16.1 was reached in 2004. The approach is reasonable especially considering that there is no ISO equivalent of AISC, CISC, BS, EuroCode, etc.



Status: ISO 19902 Fixed Steel

CAC ISO TC67/SC7 WG Leader: R. M. Grant

April 12, 2007

ISO 19902 Fixed Steel

Recent Background:

Canadian Regional Annex for 19902 developed under leadership of Tom Zimmerman for inclusion in FDIS document

FDIS document scheduled for submission to SC7 Secretariat by end of December 2006.

ISO 19902 Fixed Steel

Clean 2006-12-08 ISO/DIS 19902

H.2.3.3 Dropped objects
Technical commentary on dropped objects to be included (based on the information contained in the former HSE Guidance Notes), see 10.4. (John Sharp to prepare text with input from Terry Rhodes and Richard Snell – also work done by Paul Frieze for DNV (Mobil work))

H.2.3.4 Shaft friction and end bearing in cohesionless soils
The MTD pile design method is allowed as a bona fide design method, see 17.4.3.

H.3 Canada

NEED TO PROVIDE REFERENCES FOR THIS SUB-CLAUSE

H.3.1 Description of Region
The geographical basis for this Annex is the region bounded by the continental shelf margins of Canada. The region encompasses both shallow water and deepwater areas of offshore Canada that are either ice-free regions (Pacific Ocean and the west coast of British Columbia) or regions that may be subjected seasonally to the presence of sea ice. In the ice-free areas ice can be present in the Beaufort Sea, offshore Newfoundland and Labrador, the Gulf of St. Lawrence, as well as offshore Nova Scotia, although the occurrence of sea ice in the offshore Nova Scotia area is rare. Icebergs are typically encountered in the waters on the north and east coasts of offshore Newfoundland and Labrador.

H.3.2 Regulatory Framework in Canada
Oil and gas exploration and production activities in Canada's non-Accord Frontier Lands (defined as the Northwest Territories, Nunavut, Sable Island and its submarine areas, and areas not within a province adjacent to the coast of Canada to the outer edge of the continental margin or to a distance of two hundred nautical miles, whichever is greater) and excluding the offshore areas of Nova Scotia, Newfoundland and Labrador are governed by the Canada Oil and Gas Operations Act and the Canada Petroleum Resources Act. The Canada Oil and Gas Operations Act and certain elements of the Canada Petroleum Resources Act are administered by the National Energy Board (NEB) in all of the non-Accord Frontier Lands.

Oil and gas exploration and production activities in Canada's Accord Frontier Lands (defined as offshore areas in the Canada - Nova Scotia Offshore Petroleum Resources Accord Implementation Act (PRAIA) and the Canada - Newfoundland Atlantic Accord Implementation Act (AAIA)) are governed by the PRAIA and AAIA and minor provincial Accord implementation Acts, respectively. These areas are administered by joint federal-provincial offshore petroleum boards in the Accord Offshore Accord area. The Canada-Nova Scotia Offshore Petroleum Board (CNSOPB), and in the Newfoundland and Labrador Offshore Accord area the regulator is the Canada-Newfoundland and Labrador Offshore Petroleum Board (CNLOPB).

For the offshore areas, the three boards (NEB, CNSOPB, and CNLOPB) are responsible for the regulation of petroleum activities including:

- issuance of authorizations for offshore exploration and development activities;
- health and safety of workers;
- protection of the environment during petroleum activities;
- management and conservation of petroleum resources;
- compliance with the provisions of the laws that deal with employment and industrial benefits by the offshore petroleum board in the Accord area, by the Department of Indian Affairs and Northern Development for non-

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Latest version of the 19902 document is available at the Galbraith website and is dated Dec 8 2006.

Canadian Regional Annex is included within the document.

ISO 19902 Fixed Steel

ISO TC67/SC7 Programme of Work

Document: ISO TC67/SC7 N 315 Rev. 7

2006-09-13

Updated at 24th SC7 Meeting, Delft, the Netherlands - September 2006 – see also <http://sc7.tc67.net/>

	2003	2004	2005	2006	2007	2008	2009	Review
ISO 19900 General Reqmts								Dec '07
ISO 19901-1 Metocean WG3	DIS Sep		FDIS ISO Mar Jul					Nov '10
ISO 19901-2 Seismic WG3	DIS Apr	FDIS ISO Jul Dec						Dec '09
ISO 19901-3 Topsides WG3					DIS May	FDIS ISO Jul Nov		
ISO 19901-4 Foundations WG3	DIS ISO Mar Aug	FDIS						Aug '08
ISO 19901-5 Weight Eng. WG6	FDIS ISO Apr Jul							Jul '08
ISO 19901-6 Marine ops WG9	WD C Jan	CD Apr	DIS Mar		FDIS ISO Oct Feb			
ISO 19901-7 Stationkeeping WG5	DIS Mar	FDIS ISO Aug Dec					Amendment 1: schedule to be decided	Dec '10
ISO 19902 Fixed Steel WG3		DIS Sep			FDIS ISO May Sep			
ISO 19903 Fixed Concrete WG4		DIS Oct		FDIS ISO Aug Dec				
ISO 19904-1 Floating - MSS WG5		DIS Dec		FDIS SC Jun	19904-2 TLPs 19904-1 FOSU	schedule to be decided		
ISO 19905-1 MOUs - Jackups WG7	WD B Sep	WD C May	WD D Nov	CD E May	CD F Dec	DIS Nov	FDIS ISO Jan May	
ISO TR 19905-2 MOUs - Jackups WG7						TR Nov		
ISO 19906 Arctic offshore WG8		WD A Oct	WD B Feb	WD C Jul	CD Jul	DIS Jun	FDIS ISO Aug Dec	

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

Copenhagen Tokyo, Rio de Janeiro Houston Paris Delft Calgary Europe China