

Internasjonal standardisering av HMS i arktiske strøk Arctic Operations (ISO TC67 SC8)

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ISO standards – Arctic Operations

Summary of the Barents 2020 Project

SN Sector Board Meeting Petroleum
DNV Høvik, 2012-06-05

Tore Sildnes

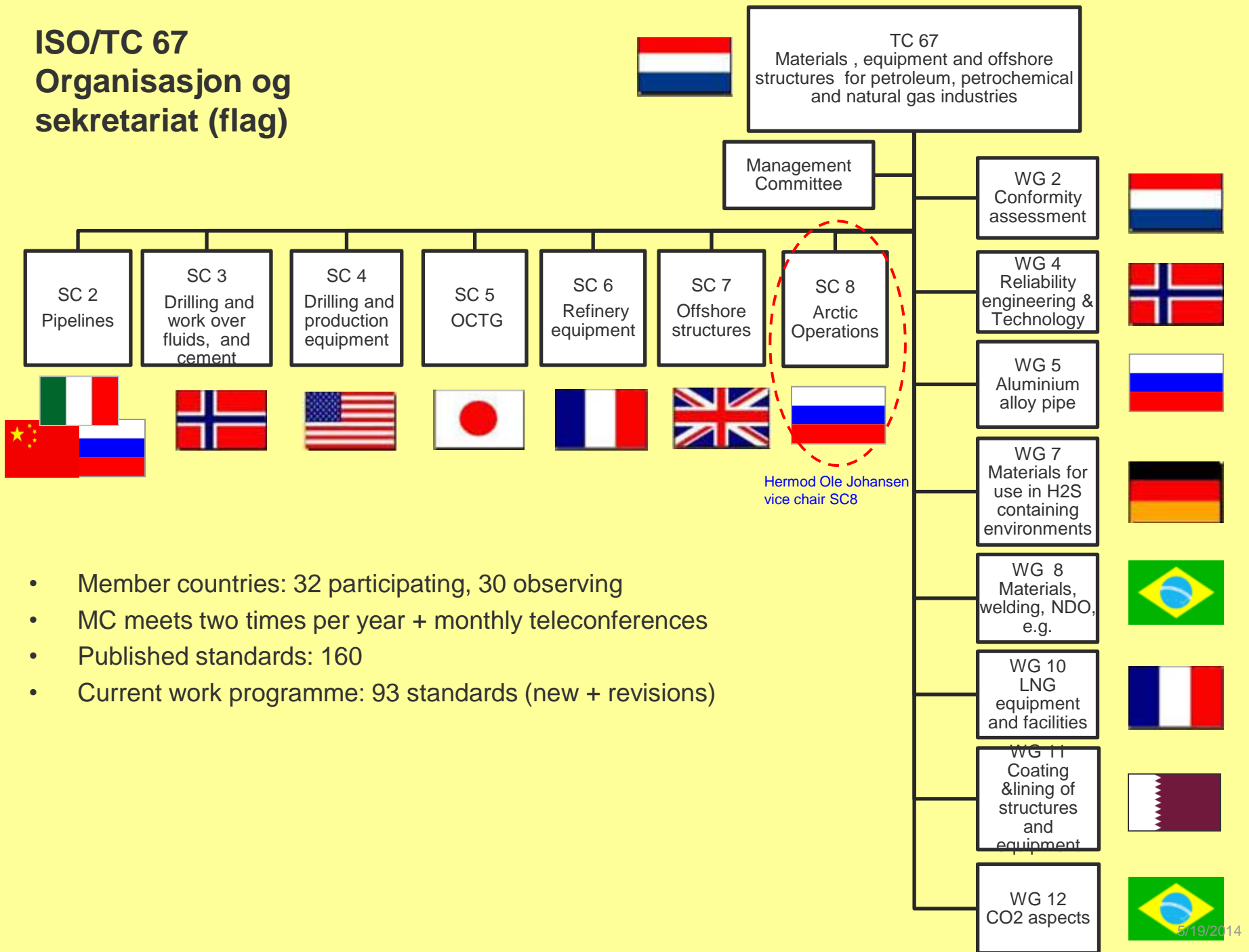


Arctic Operations (ISO TC67 SC8)

- Barents 2020 prosjektet pågikk fra 2007 til 2011 opprinnelig som et Norsk-Russisk prosjekt for å harmonisere HMS standarder for Barentshavet.
- Mrs. V.Rusakova fra Styret i Gazprom foreslo opprettelse av en ny internasjonal Arctic Operations Subkommite (SC) under ISO som en videreføring av dette prosjektet.
- Denne ble besluttet opprettet under ISO Technical Committee 67 (TC67) høsten 2011. Russland har ledelsen av underkomiteen.
- Standard Norge nominerte ekspertmedlemmer og foreslo New Work Items.
- Oppstartsmøte ble holdt i November 2012 i Moskva.

ISO/TC 67

Organisasjon og sekretariat (flag)



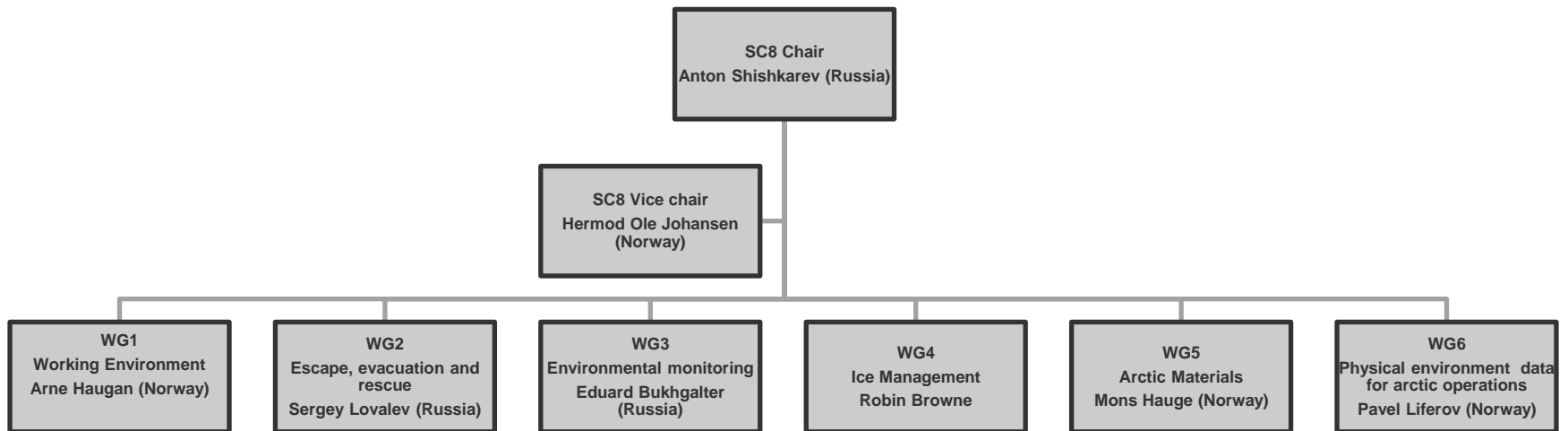
- Member countries: 32 participating, 30 observing
- MC meets two times per year + monthly teleconferences
- Published standards: 160
- Current work programme: 93 standards (new + revisions)

SC8 Arctic Operations – Scope

(NB! fritt oversatt)

- Standardisering av operasjoner i forbindelse med leting, produksjon og foredling av hydrokarboner onshore og offshore i arktiske strøk og andre geografiske områder med lignende klimautfordringer.
- Arbeidet gjøres koordinert mot relevante ISO/TC67 underkomiteer og arbeidsgrupper.

ISO/TC67 SC8 Arctic Operations



Sub committee 8: Chair, Vice-chair, Convenors (leader)

ISO/TC67 SC8 Arctic Operations

Working group	Title	Convenor
ISO/TC67/SC8/WG1	Working environment	Arne Haugan Norway
ISO/TC67/SC8/WG2	Escape, evacuation and rescue	Sergey Kovalev Russia
ISO/TC67/SC8/WG3	Environmental monitoring	Eduard Bukhgalter Russia
ISO/TC67/SC8/WG4	Ice management	Robin Browne Canada
ISO/TC67/SC8/WG5	Arctic materials	Mons Hauge Norway
ISO/TC67/SC8/WG6	Physical environment for arctic operations	Pavel Liferov Norway
ISO/TC67/SC8/WG7 NB! Arbeidsomfanget er delt opp og overført annen SC i ISO)	Man-made islands and land extension	Rob de Jong The Netherlands

Norske deltakere– SC8 Arctic operations

Working groups (WG)	Convenor/ Country	Norwegian experts	Secretariat/ Standards body	Coordinating Norwegian Expert groups	
1	Working environment	Arne Haugan, Norway	Arne Haugan (Statoil), Arild Øvrum (Statoil), Hilde Heber (BG), Anders Rommetveit (Aibel), Hilde Færevik (Sintef), Arne Larsen Fløysvig (LO)	Nils –Erik Jacobsen, Standards Norway	EG S
2	Escape, evacuation and rescue	Russia	Rune Bråthen (Statoil), Sigurd Jacobsen (PSA), Karin Klemetsrud (DNV), Paul Skulstad (Scandpower), Kjersti Høgestøl (Norwegian Shipowners' Association)	Roar Heum, Standards Norway	
3	Environmental monitoring	Russia	Sam-Arne Nøland (DNV), Lars Petter Myhre (Statoil), Are Børjesson (scandpower)	Roar Heum, Standards Norway	
4	Ice management	Canada	Pavel Liferov (Statoil), Ove Tobias Gudmestad (UIS), Håvard Myhre (Aibel)	Roar Heum, Standards Norway	EG N
5	Arctic materials	Mons Hauge, Norway	Mons Hauge (Statoil), Jørund Furre (Aibel)	Javad Fahadi, Standards Norway	EG M
6	Physical environment data for arctic operations	Pavel Liferov, Norway	Pavel Liferov (Statoil), Ove Tobias Gudmestad (UIS), Håvard Myhra (Aibel)	Anne Gunn Rike, Standards Norway	EG N
7	(Land extension and man-made islands)	Netherlands	Ove Tobias Gudmestad (UIS), Ole Johansen (Statoil)		

Arbeidsprogram og fremdrift ISO TC 67/SC8 Arctic operations

Arbeidsgruppe	Standard/TS	Tittel	Plandatoer i ISO-prosessen
WG1 Working environment	ISO/AWI 18861 (WG1)	Petroleum and natural gas industries. Arctic Operations. Working environment	CD: 2014-03-26 DIS: 2014-09-26 FDIS: 2015-09-26 ISO: 2016-03-26
WG2 Escape, evacuation and rescue	ISO/AWI 18819 (WG2)	Petroleum and natural gas industries. Arctic operations. Escape, evacuation and rescue from offshore installations	CD: 2014-03-26 DIS: 2014-09-26 FDIS: 2015-09-26 ISO: 2016-03-26
WG3 Environmental monitoring	ISO/AWI 18820 (WG3)	Petroleum and natural gas industries. Arctic Operations. Environmental monitoring for offshore exploration	CD: 2014-09-26 DIS: 2014-03-26 FDIS: 2015-03-26 ISO: 2016-09-26
WG4 Ice management	ISO/AWI 19279 (WG4)	Petroleum and natural gas industries. Arctic operations. Ice management	CD: 2014-06-27 DIS: 2014-12-27 FDIS: 2015-12-27 ISO: 2016-06-27
WG5 Arctic materials	ISO TS	Petroleum and natural gas industries. Material requirements for arctic operations	<u>Init: aug. 2013</u> <u>CD: sept. 2014</u> <u>ISO: sept. 2016</u>
WG6 Physical environment for arctic operations	ISO/NP 19067 (WG6)	Petroleum and natural gas industries. Arctic operations. Physical environmental data for arctic operations	CD: 2014-06-04 DIS: 2014-12-04 FDIS: 2015-12-04 ISO: 2016-06-04

Status WG1 Working environment

- 1 dags arbeidsgruppemøter i april 2013, august 2013, oktober 2013 og april 2014.
- Det foreligger et tidlig utkast (CD).
- Utfordring: mange medlemmer, få deltar. Maks deltakelse: 14.
- 36+3 medlemmer i WG1 (Norge 7, Russland 17, Nederland 3, Canada 3, Italia 5, Frankrike 3, Tyskland 1

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Norsok S-002

- Norsok S-002 er under revisjon og det er planen å forbedre «utendørs operasjoner» kapittelet i denne slik at det er bedre tilpasset det at vi drar nordover.

Norwegian delegation St. Jones 2013 - ISO TC 67/SC8 Arctic operations



There's never been a better
time for **good ideas**

International standardization
Arctic Operations (ISO TC67 SC8)

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