



Protection of the Arctic Marine Environment

FORUM WEB-PORTAL

Arctic Shipping Best Practice Information Forum

Hjalti Hreinsson, PAME Secretariat Project Manager

Michael Kingston, Special Advisor to PAME

www.arcticshippingforum.is



PARTICIPANTS

Please click the boxes for information on each participant

Alaska Maritime Prevention & Response Network (Alaska Network)
American Bureau of Shipping (ABS)
Arctic Coast Guard Forum (ACGF)
Arctic Economic Council (AEC)
Arctic Regional Hydrographic Commission (ARHC)
Association of Arctic Expedition Cruise Operators (AECO)
Bonn Agreement
British Antarctic Survey
Bureau Veritas
Chamber of Marine Commerce (Canadian Shipowners Association)
Chamber of Shipping of America
Cruise Lines International Association (CLIA)
Cyprus
Danish Shipping
DNV GL
European Maritime Safety Agency (EMSA)
European Space Agency (ESA)
Icelandic Federation of Trade & Services (including shipping)
Finnish Shipowners Association
Forum of Arctic Research Operators
International Association of Antarctic Tour Operators (IAATO)
International Association of Classification Societies (IACS)
International Association of Institutes of Navigation (IAIN)

International Association of Marine Aids to Navigation and Lighthouse Authorities (IALA)
International Association of Ports and Harbours (IAPH)
International Chamber of Shipping (ICS)
International Ice Charting Working Group (IICWG)
International Maritime Organization (IMO)
International Mobile Satellite Organisation (IMSO)
International Salvage Union (ISU)
International Tank Owner Pollution Federation (ITOPF)
International Union of Marine Insurance (IUMI)
Lloyd's Market Association (LMA)
Lloyd's Agency Department
Lloyd's Register (LR)
Malta
Marshall Islands
Nautical Institute
National Oceanic and Atmospheric Administration
Northern Sea Route Administration
Norwegian Shipowners Association
Oil Companies International Marine Forum (OCIMF)
Panama
Secretariat of the Antarctic Treaty
St. Kitts and Nevis
Swedish Shipowners Association
Union of Russian Shipowners
World Meteorological Organization (WMO)

Arctic Shipping Best Practice Information Forum (the FORUM)

Terms of Reference

(Approved at PAME II-2017, 20 September 2017)

Preamble

1. The Arctic region is unique. A home to indigenous communities for many generations, the Arctic is environmentally and ecologically sensitive, experiences extreme weather and climatic events, and is rich in both flora and fauna and in living and non-living natural resources. With advances in technology and changing environmental conditions, there is a growing focus on the development of these resources (*e.g.*, oil and gas, mineral deposits, fish stocks) and the expansion of maritime activity. The Arctic is also a region of timeless and diverse indigenous practices and customs which must be included in any critical assessment of contemplated maritime activity.
2. As the Arctic changes, maritime activity must be carried out in an environmentally sustainable manner to prevent or mitigate any negative social and ecological consequences.
3. In order to increase the safety of ships' operation and mitigate the impact on the people and environment in the remote, vulnerable and potentially harsh polar waters, the International Maritime Organization (IMO) in 2015 adopted the *International Code for Ships Operating in Polar Waters* (the Polar Code) which sets out international safety and pollution prevention requirements for ships operating in Arctic and Antarctic waters.

Arctic Shipping Best Practice Information Forum

For submission of hyperlinks to the Forum's web-portal.

* Required

1. Source

(The State, organization or other entity that produced and posted the hyperlinked information. Please spell out the name of the source) *

Your answer

2. Source contact

(e-mail) *

Your answer

3. Hyperlink

(insert url) *

Your answer

4. Rationale

(narrative explanation of how and why the data/information accessible at the hyperlink is related to the Polar Code, identifying the specific Polar Code section(s) and why the data/information is relevant. Approx. 50-200 words). *

Your answer

5. Reference to a Polar Code chapter

(See the full Polar Code text here: <http://www.imo.org/en/MediaCentre/HotTopics/polar/Documents/POLAR%20CODE%20TEXT%20AS%20ADOPTED.pdf>)

Check which chapter the link refers to. Multiple chapters can be selected if relevant.

International Code for Ships Operating in Polar Waters (Polar Code)

☐ Introduction

Polar Code Part IA: Safety Measures

☐ Chapter 1: General

☐ Chapter 2: Polar Water Operation Manual

☐ Chapter 3: Ship structure

☐ Chapter 4: Subdivision and stability

☐ Chapter 5: Watertight and weathertight integrity

☐ Chapter 6: Machinery installations

☐ Chapter 7: Fire safety/Protection

☐ Chapter 8: Life saving appliances and arrangements

☐ Chapter 9: Safety of navigation

☐ Chapter 10: Communication

☐ Chapter 11: Voyage planning

☐ Chapter 12: Manning and training

Polar Code Part IB

☐ Additional Guidance Regarding the Provisions of the Introduction and Part I-A

Polar Code Part IIA: Pollution Prevention Measures

☐ Chapter 1: Prevention of Pollution by Oil

☐ Chapter 2: Control of pollution by noxious liquid substances in bulk

☐ Chapter 4: Prevention of pollution by sewage from ships



WELCOME TO THE ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM'S WEB-PORTAL

POLAR CODE CHAPTERS: EXPLANATION AND SUBMISSIONS

Part IA - Safety Measures

Chapter 1: General

Chapter 2: Polar Water Operation Manual

Chapter 3: Ship structure

Chapter 4: Subdivision and stability

Chapter 5: Watertight and weathertight integrity

Chapter 6: Machinery installations

Chapter 7: Fire safety/Protection

Chapter 8: Life saving appliances and arrangements

Chapter 9: Safety of navigation

Chapter 10: Communication

Chapter 11: Voyage planning

Chapter 12: Manning and training

Polar Code Part IB

Polar Code Part IIA: Pollution Prevention Measures

Polar Code Part II B

ABOUT THE FORUM

The establishment of the **Arctic Shipping Best Practice Information Forum** is in response to the newly adopted International Code for Ships Operating in Polar Waters (Polar Code) by the [International Maritime Organization \(IMO\)](#).

The aim of the Forum is to raise awareness of its provisions amongst all those involved in or potentially affected by Arctic marine operations and to facilitate the exchange of information and best practices between the Forum participants.

Forum participation is open to [Arctic States](#), [Permanent Participants](#) and [Arctic Council Observers](#) as well as any widely-recognized professional organization dedicated to improving safe and environmentally sound marine operations in the Arctic as demonstrated by expertise and experience in Arctic shipping and/or related issues.

In addition to information provided by Forum participants, under the specific chapters of the Polar Code, highlighted on this site, [Arctic State Administrations](#) (Canada, Kingdom of Denmark, Finland, Iceland, Norway, Russian Federation, Sweden and the United States of America) have provided guidance for Arctic

ARCTIC STATE ADMINISTRATIONS

This page consists of information that each Arctic State and their relevant agencies consider important for operators, flag states, and other interested parties, to consider when applying Polar Code requirements.

The information is non-exhaustive and all stakeholders are advised to contact relevant agencies for up-to-date advice.

Canada

Kingdom of Denmark

Iceland

Finland

Norway

Sweden

Russian Federation

United States of America

MEETING AGENDA

2ND MEETING OF THE ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM

14-15 MAY 2018
Irish Cultural Centre, 5 Black's Road Hammersmith W6 9DT
Rapporteur: Jonathan Reynolds

14 MAY

09:00 - 09:30 Registration

09:30 - 10:00 Opening Remarks
• Forum Chair (Dr. Anita Mäkinen, Finland)
• Welcome by the Venue Host (Jim O'Hara, Chairman of Directors, Irish Cultural Center)
• Welcome by IMO (Dr. Stefan Micollef, Director of Marine Environment Division)

10:00 - 10:45 Web Portal Presentation
PAME International Secretariat (Mr. Hjalti Hreinsson and Mr. Michael Kingston, Special Advisor)

10:45 - 11:00 Forum Operational Documents
• Terms of Reference
• Methods of Operation
• Factors to be Considered in Selecting Hyperlinks for Posting to the Forum's Web Portal
Mr. Peter Oppenheimer (USA) and Mr. Drummond Fraser (Canada), PAME Shipping Expert Group Co-Chairs

11:00 - 11:15 Coffee Break

11:15 - 12:30 Focus: Intergovernmental Organizations

11:15 - 11:30 International Ice Charting Working Group (IICWG)
Ms. Marianne Thyrring, Director General, Danish Meteorological Institute

11:30 - 11:45 World Meteorological Organization (WMO)
Mr. Etienne Charpentier, Chief, Observing Systems Division

11:45 - 12:00 Arctic Regional Hydrographic Commission (ARHC)
Ms. Birte Noer Borrevik, Chair

12:00 - 12:30 Panel Discussion
IICWG, WMO, ARHC

12:30 - 14:00 Lunch

14:00 - 15:00 Focus: Classification Societies

14:00 - 14:15 DNV GL
Mr. Morten Mejlender Larsen, Discipline Leader - Arctic Operations

14:15 - 14:30 Lloyd's Register
Ms. Alicia Nash, Engineering Plan Appraisal Surveyor

14:30 - 15:00 Panel Discussion
DNV GL, Lloyd's Register, American Bureau of Shipping (Mr. James Bond, Director - Advisory Services)

15:00 - 15:30 Coffee Break

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14 MAY

15:30 - 16:30 Focus: Shipowners

15:30 - 15:45 Fednav (Canada)
Mr. Timothy Keane, Senior Manager, Arctic Operations and Projects

15:45 - 16:00 Cruise Lines International Association (CLIA)
Ms. Kierstin M. Del Valle, Manager, Maritime Policy

16:00 - 16:30 Panel Discussion
Fednav, CLIA, Mr. Rob Hindley (Aker Arctic Technology Inc.)

16:30 - 16:50 Wrap up and Announcements

16:50 - 17:00 Closing Remarks
Adrian O'Neill, Ambassador of Ireland to the United Kingdom

17:15 - 19:15 Reception

15 MAY

09:00 - 09:10 Day 1 Recap (Forum Chair, Dr. Anita Mäkinen)

09:10 - 09:20 UK Welcoming Remarks
Katy Ware, Permanent Representative of United Kingdom to IMO

09:20 - 10:50 Focus: Arctic States

09:20 - 09:40 The Russian Federation
Mr. Vladimir Kuzmin, PSC Officer, Administration of the Baltic Sea Ports

09:40 - 10:00 The Kingdom of Denmark
Mr. Per Sanderstrup, Director of Maritime Regulations and Legal Affairs

10:00 - 10:50 Panel Discussion
Canada, Kingdom of Denmark, Finland, Iceland, Norway, Russian Federation, Sweden, USA

10:50 - 11:15 Coffee Break

11:15 - 12:00 Next steps, information gaps and future planning

End of Meeting/Adjourn

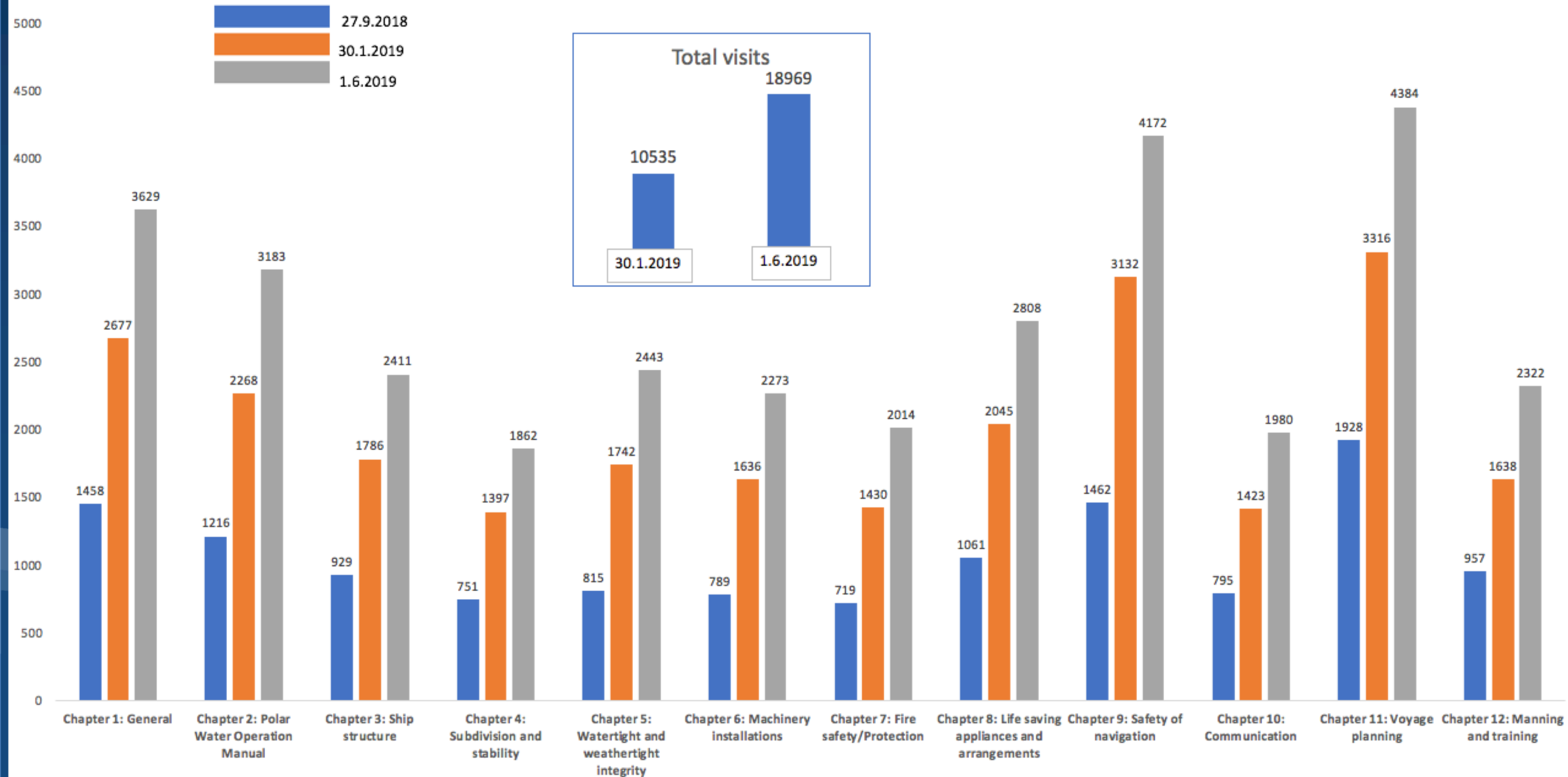
12:00 - 17:00 Meeting facilities will be available to those participants who would like to use the opportunity for side-discussions.

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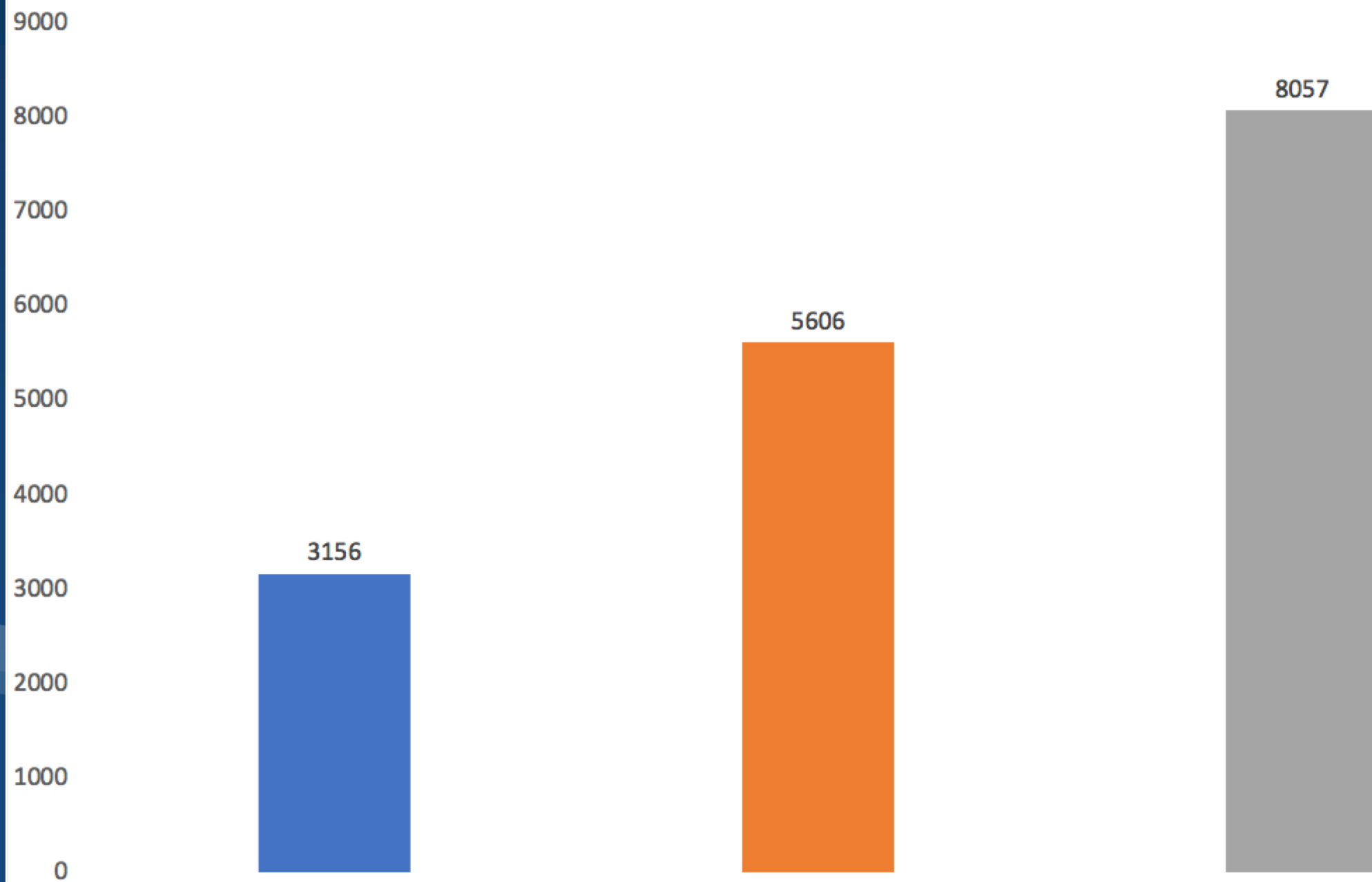
REVIEW - Second meeting of the Arctic Shipping Best Practice Information Forum

1. What topics would you propose for the next Forum Meeting Agenda?
2. What is your top suggestion for improving the Forum?
3. What is your top suggestion for improving the Web Portal?
And
4. What is your top suggestion for improving public awareness of the Web Portal.

WEB-PORTAL VISITS BY CHAPTER



State Administrations Page visits



MEETING AGENDA

3RD MEETING OF THE ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM

Polar Code Implementation: From Theory to Practice

3-4 June 2019 - U.S. Embassy, London

3 JUNE

09:00 - 09:30 Registration

09:30 Opening Remarks

- Forum Chair (Mr. Sverrir Konráðsson, Iceland)
- Welcome by the U.S. Embassy, London (Ms. Dena Brownlow)
- Video address (IMO Secretary General, Mr. Kitack Lim)
- Remarks by IMO (Mr. Frederick Kenney, Director, Legal Affairs and External Relations Division)

FOCUS: FORUM WEB PORTAL REVIEW

Reflecting Survey Responses Following 2018 Launch and Further Submissions

10:00 - 10:30

- 10:00 Forum Web Portal Presentation: PAME International Secretariat
Mr. Hjalti Hreinsson, Project Manager and Mr. Michael Kingston, Special Advisor
- 10:15 General Discussion
All participants

10:30 - 11:00 Coffee Break (Sponsored by American Bureau of Shipping)

FOCUS: POLAR CODE IMPLEMENTATION PROGRESS

11:00 - 12:15

- 11:00 Industry Developments Regarding Additional Guidance
Mr. Chris Oliver, International Chamber of Shipping (ICS) and Mr. Robert Bridges (Total Oil S.A.)
- 11:15 POLARIS Update
Mr. Rob Hindley, Aker Arctic
- 11:30 PAME Project on Polar Code Interpretation
Ms. Siv Christin Gaalaas, Ministry of Trade, Industry and Fisheries, Norway
- 11:40 Panel Discussion
In addition to session speakers, Swedish Shipowners Association (Mr. Åke Rohlén, STENA Rederi AB), Classification Society representatives (Mr. James Bond, American Bureau of Shipping & Mr. Mihailo Pavic, Lloyd's Register)

12:15 - 13:15 Lunch (Provided, at venue - Sponsored by American Bureau of Shipping)

FOCUS: POLAR CODE IMPLEMENTATION CHALLENGES

13:15 - 14:00

- 13:15 Communications in High Latitudes: Update from IMO Sub-Committee on Navigation, Communications and Search and Rescue
Mr. Sascha Pristrom, IMO Maritime Safety Division
- 13:30 Equipment – Operations in Polar Waters: Update from IMO Sub-Committee on Ship Systems and Equipment
Mr. Reinert Vestvik, Norwegian Maritime Authority
- 13:45 Panel Discussion
In addition to speakers, Classification Society representative (Mr. Morten Mejlender Larsen, DNV)

Meeting Rapporteur:
Jonathan Reynolds

FORUM WEB PORTAL: www.arcticshippingforum.is

MEETING AGENDA

3RD MEETING OF THE ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM

Polar Code Implementation: From Theory to Practice

3-4 June 2019 - U.S. Embassy, London

14:00 - 16:30

FOCUS: POLAR CODE - THE HUMAN ELEMENT

- 14:00 Search and Rescue (SARex)
Mr. Knut Espen Solberg, University of Stavanger - GMC
- 14:15 Training - Arctic State Perspective
Mr. Vladimir Kuzmin, Russian Federation
- 14:30 Training – Course Provider Perspective
Mr. John Lloyd, Nautical Institute
- 14:45 - 15:15 Coffee Break (Sponsored by American Bureau of Shipping)
- 15:15 Training - Operator Perspective
Mr. Francesco Santangelo, VShips Leisure S.A.M.
- 15:30 Panel Discussion
Speakers joined by Arctic States representatives/Mr. Auðunn Kristinnsson, Arctic Coast Guard Forum
- 16:30 Wrap up and Announcements

17:00 - 19:00 RECEPTION AT VENUE (Sponsored by American Bureau of Shipping)

4 JUNE

- 09:00 Day 1 Recap
Mr. Sverrir Konráðsson, Forum Chair

FOCUS: PERSPECTIVES ON VOYAGE PLANNING

09:15 - 10:30

- 09:15 Environmental NGO Perspective
Dr. Sian Prior, Clean Arctic Alliance - Antarctic & Southern Ocean Coalition and Mr. Dan Hubbell, Environmental Investigation Agency
- 09:30 Indigenous Perspective
Mr. Eduard Zdor, Aborigin Forum
- 09:45 Operator Perspective
Mr. James Bond, American Bureau of Shipping
- 10:00 Panel Discussion
In addition to speakers, marine insurance industry representative (Mr. Neil Robert, Lloyd's Market Association)

10:30 - 11:00 Coffee Break (Sponsored by American Bureau of Shipping)

FOCUS: INITIAL IMPLEMENTATION SUCCESSES AND REMAINING CHALLENGES

11:00 - 12:00

- 11:00 Maritime Student's Perspective: Virtual Route Planning from Hamburg to Norilsk
Ms. Katharina Kaiser, Jade University of Applied Sciences, Elsfleth, Germany
- 11:10 General Discussion
 - Identification of successes and challenges
 - Identification of Forum Web Portal information needs and gaps
 - Proposals for further raising the Forum's public profile
- 11:55 Next Steps
Mr. Peter Oppenheimer and Mr. Drummond Fraser, PAME Shipping Expert Group (SEG) Co-Chairs

12:00 MEETING ADJOURNS (Forum Chair)

Meeting Rapporteur:
Jonathan Reynolds

FORUM WEB PORTAL: www.arcticshippingforum.is

CHAPTER 10:

COMMUNICATION

ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM

CHAPTER SUMMARY

Chapter 10 provides for effective communications for ships and survival craft during normal and emergency situations, including explicit requirements for search and rescue (SAR) and telemedical assistance communications. Communication equipment on board shall have the capabilities for ship-to-ship and ship-to-shore communication, taking into account the limitations of communications systems in high latitudes and the anticipated low temperature. There must also be specific sound signalling equipment for use when under escort. Low temperature capability of communication equipment must be demonstrated by both ships and survival crafts. In respect of survival craft, equipment must be operable for the maximum expected time of rescue. These are clearly set out in the Chapter 10 wording below, and in the [Part 1B Additional Guidance](#).

SUBMISSIONS

American Bureau of Shipping (ABS)

Hyperlink: Eagle.org

ABS is a leading international classification organization devoted to promoting the security of life and property and preserving the natural environment through the development and verification of standards for the design, construction and operational maintenance of marine and offshore assets.

The ABS IMO Polar Code Advisory has a few sections that offer guidance to the marine industry on communications in Polar Waters.

DNV GL

International Ice Charting Working Group

Lloyd's Register (LR)

Oil Companies International Marine Forum (OCIMF)

World Meteorological Organization Technical Commission on Oceanography and Marine Meteorology (JCOMM)

CHAPTER 8:



CHAPTER SUMMARY

Chapter 8 contains requirements that provide for safe escape, evacuation and survival under various operating conditions. Provisions contained in this chapter of the Polar Code will apply to new and existing vessels if such vessels may encounter the conditions the provisions are intended to address. Requirements for partially or totally enclosed lifeboats are higher in the Polar Code than the current SOLAS requirements. This includes having specific requirements in place to assist with escape or evacuation in ice and snow conditions, and requirements for personal survival equipment that provide sufficient frostbite protection. These are clearly set out in the Chapter 8 wording below, and in the [Part 1B Additional Guidance](#).

SUBMISSIONS

American Bureau of Shipping (ABS)

DNV GL

IMO Polar Code Videos

Lloyd's Register (LR)

[Maritime Department, Norwegian Ministry of Trade, Industry and Fisheries](#)

The Norwegian Ministry of Trade, Industry and Fisheries draws attention in the following links to the Reports by the University of Stavanger in relation to Search and Rescue Exercises carried out in 2016 and 2017 in ice-infested waters to identify and explore the gaps between the functionality provided by the existing SOLAS (International Convention for Safety of Life at Sea) approved safety equipment and the functionality required by the Polar Code.

- 2016: <https://brage.bibsys.no/xmlui/handle/11250/2414815>
- 2017: <https://brage.bibsys.no/xmlui/handle/11250/2468805>

Oil Companies International Marine Forum (OCIMF)

CHAPTER 12:



CHAPTER SUMMARY

Chapter 12 includes requirements to help ensure that ships operating in polar waters are appropriately manned by adequately qualified, trained and experienced personnel. These are clearly set out in the Chapter 12 wording below.

SUBMISSIONS

DNV GL

Icelandic Transport Authority

Oil Companies International Marine Forum (OCIMF)

The International Chamber of Shipping

The International Hydrographic Organization

The Nautical Institute

World Meteorological Organization Joint Technical Commission on Oceanography and Marine Meteorology (JCOMM)

CHAPTER 11:

VOYAGE PLANNING

ARCTIC SHIPPING BEST PRACTICES INFORMATION FORUM

CHAPTER SUMMARY

This chapter is designed to ensure that the company, master and crew are provided with sufficient information to enable operations to be conducted with due consideration to the safety of ships and persons on board and, as appropriate, environmental protection. These considerations need to be referenced in the Polar Waters Operational Manual. By way of example they include, but are not limited to, issues such as Notices to mariners that are ordinarily contained in government publications. These are clearly set out in the Chapter 11 wording below, and in the Part 1B Additional Guidance.

SUBMISSIONS

Alaska Maritime Prevention & Response Network (Alaska Network)

American Bureau of Shipping (ABS)

Canadian Hydrographic Service

Commission for the Conservation of Antarctic Marine Living Resources (CCAMLR) Secretariat

Danish Geodata Agency

International Hydrographic Organization

International Ice Charting Working Group

International Ice Patrol

Marine Affairs Program, Dalhousie University

National Geospatial-Intelligence Agency

National Oceanic and Atmospheric Administration (NOAA)

Norwegian Polar Institute

Nunavut Planning Commission

Hyperlink: <http://www.arcgis.com/home/webmap/viewer.html?webmap=5ceec85326374c9b9b56e935477a7e80&extent=-180,35.3976,180,87.2166>

The Draft Nunavut Land Use Plan is a product of extensive consultations that included visiting all 25 Nunavut communities at least twice. After listening to the residents of Nunavut, governments, industry stakeholders and other interested parties including the Dene residents from Northern Manitoba and Saskatchewan, Inuit from Northern Quebec, the Draft Nunavut Land Use Plan provides clear guidance that directs resource use and development in the Nunavut Settlement Area. The Draft Nunavut Land Use Plan provides for protection of Caribou calving and post-calving grounds and critical bird habitat; identifies traditional on ice travel routes with special management tools to protect them, areas of mineral potential, as well as areas with potential for tourism activities. The Draft Plan also provides Nunavummiut a voice in determining the future of development in the Nunavut Settlement Area at the land use planning level.

NSIDC website

Nautical Institute

Registration for the third meeting of the Arctic Shipping Best Practice Information Forum 3-4 June 2019

83 registrations (27 May 2019)

No.	First name	Last name	Email Address	Organization/Affiliation	Job title	Country
1	Andreas	Kjoel	andreas.kjoel@kystverket.no	Norwegian Coastal Administration	Senior Advisor	Norway
2	Andrés	Galván	agalvan@fomento.es	Embassy of Spain in London	Maritime Affairs Attaché	Spain
3	Anita	Mäkinen	anita.makinen@traficom.fi	Finnish Transport and Communications	Chief Advisor to the Director General of Maritime Sector	Finland
4	Anthony	Field	AField@wwf.org.uk	World Wildlife Fund - United Kingdom	Arctic Sustainable Development Manager	UK
5	Audunn	Kristinsson	audunn@lhg.is	Icelandic Coast Guard	Leading ACGF Secretariat	Iceland
6	Åke	Rohlen	ake.rohlen@arcticmarinesolutions.se	Arctic Marine Solutions	Chairman	Sweden
7	Barr	Turner	bturmer@cruising.org	Cruise Lines International Association (CLIA)	Senior Technical Advisor	United States
8	Brede	Valanes	brede@aeco.no	Association of Arctic Expedition Cruise Operators (AECO)	Marine Operations Agent	Norway
9	Camelo	Abela	carmelo.abela@ema.europa.eu	European Maritime Safety Agency (EMSA)	Senior Project Officer for International Relations	Portugal
10	Chris	Oliver	chris.oliver@ics-shipping.org	International Chamber of Shipping	Nautical Director	UK
11	Christine	Kelly	christine.kelly@fco.gov.uk	Foreign & Commonwealth Office	Arctic Policy Officer	United Kingdom
12	Dan	Hubbell	dhubbell@eia-global.org	Environmental Investigation Agency	Policy Analyst	
13	David	Pascoe	DPASCOE@lis.cr.com	LISCR	Senior Vice President Operations	Liberia
14	Dena	Brownlow	brownlowdd@state.gov	US Embassy London	Counselor for Environment, Science, Technology and Health	United States
15	Drummond	Fraser	drummond.fraser@tc.gc.ca	Transport Canada	Advisor	Canada
16	Eduard	Zdor	eduard.zdor@gmail.com	Aborigen Forum	Representative	
17	Edwige	Cavan	edwige.cavan@diplomatie.gouv.fr	French Ministry of Foreign Affairs (MEAE)		France
18	Eero	Hokkanen	eero.hokkanen@lmv.fi	Ministry of Transport and Communications, Finland	Senior Specialist	Finland
19	Eros Massimo	Zampieri	eros-massimo.zampieri@eda.admin.ch	Embassy of Switzerland		Switzerland
20	Francesco	Santangelo	francesco.santangelo@vships.com	VShips Leisure Sam	HSEQ & Training Manager	Monaco
21	Frederick	Kenney	fkenney@imo.org	Legal Affairs and External Relations Division	Director	United States
22	George	Demetriades	gademetriades@dms.mcw.gov.cy	High Commission of the Republic of Cyprus in the U.K. (Maritime Office)	Alternate Permanent Representative of the Republic of Cyprus to IMO	Cyprus
23	George	Charalampidis	georgios.charalampidis@ics-shipping.org	International Chamber of Shipping (ICS)	Research Officer	United Kingdom
24	Gillian	Grant	gillian.grant@international.gc.ca	High Commission of Canada	Counsellor and Alternate Permanent Representative of Canada to IMO	Canada
25	Harry	Conway	hconway@liberianpm.org.uk	Liberian Permanent Mission to IMO	Alternate Permanent Representative	Liberia
26	Henry	Burgess	henry.burgess@bas.ac.uk	International Arctic Science Committee (IASC)	IASC Vice-President & Head of the NERC Arctic Office (UK)	United Kingdom
27	Hjalti	Hreinsson	hjalti@pame.is	PAME Secretariat	Project Manager	Iceland
28	Ian	Lancaster	ian.lancaster@maritimenz.govt.nz	Maritime New Zealand	Principal Advisor International	New Zealand
29	Jaideep	Sirkar	jaideep.sirkar@uscg.mil	United States Coast Guard	Naval Architect	USA
30	James	Gamble	jgamble@institute-north.org	Northern Forum	Representative	United States
31	James	Bond	JBOND@EAGLE.ORG	American Bureau of Shipping	Director, Advisory Services	United States
32	Jan Reinert	Vestvik	JRVE@sdir.no	Norwegian Maritime Authority	Senior Surveyor	Norway
33	Jasbir	Jaspal	jjaspal@register-iri.com	Republic of the Marshall Islands	Deputy Commissioner Maritime Affairs	Republic of the Marshall Islands
34	Jim	Butler	james.butler@alaskaseas.org	Alaska Maritime Prevention & Response Network	Director, External & Regulatory Affairs	United States
35	John	Lloyd	john.lloyd@nautinst.org	The Nautical Institute	Chief Executive	United Kingdom
36	John	Miller	john.h.miller@uscg.mil	U. S. Coast Guard	Commander	United States
37	Jonathan	Power	jonathan.power@nrc-cnrc.gc.ca	National Research Council of Canada	Research Council Officer	Canada
38	Jonathan	Reynolds		United Kingdom	Meeting Rapporteur	
39	Jonathan	Justi	jonathan.justi@noaa.gov	Arctic Regional Hydrographic Commission	International Specialist	USA

AME

Protection of the Arctic Marine Environment



WELCOME TO THE ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM'S WEB-PORTAL

POLAR CODE CHAPTERS: EXPLANATION AND SUBMISSIONS

Part IA - Safety Measures

Polar Code Part IB

Polar Code Part IIA: Pollution Prevention Measures

Polar Code Part II B

CONTACT

Contact Forum Organizers

OTHER INFORMATION

Operational Documents

Other Information

IMO Polar Code Videos

ABOUT THE FORUM

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Disclaimer: Although Forum participants strive to ensure that the links selected for this Web

3rd meeting of the Arctic Shipping Best Practice Information Forum 3-4 June 2019, registration and information

Holiday

Personal

PAME Shipping Forum

Sent: Tuesday 30 April 2019 13:58

To:

This message is high priority.

Dear Invited Forum Participants

Further to the invitation to attend the 3rd Arctic Shipping Best Practice Information Forum we thank those who have registered and write by way of a reminder to those intending to participate to register here: [on-line registration link](#).

As meeting venue space is limited, attendance is set at two individuals per Arctic State delegation and one individual for all other groups and organizations.

Please note that the 3rd Forum meeting coincides with the State visit of President Trump to the United Kingdom. Whilst this will not affect our meeting, we are advised that there may be some traffic disruption and it would be advisable to leave a little extra time and also it is advisable to ~~book hotels as soon as possible~~.

Those of you who have yet to submit information to the Web Portal are reminded to do so. Furthermore, we welcome updates and additional information from those of you who have previously submitted information. We would also welcome your comments on the Web Portal, especially to highlight any gaps in coverage that you may see, and to advise us of any relevant projects or initiatives that you are working on that may help in due course. The information received and Portal will be reviewed and updated on 8th May 2019 so please ensure information is sent prior to that date. For Forum Participant submissions please use this [link](#).

For Sate Administration submissions please use this [link](#).

Alternatively please email the information to pameshippingforum@pame.is

Additional information about the Forum is available on the [meeting Web site](#). These include a provisional agenda, hotel and venue information, and an Information Paper regarding the Forum and Web Portal that has been submitted to the IMO MSC101 meeting which takes place immediately after the Forum.

We look forward to working with you and thank you for the responsibility being shown in supporting this important project.

On behalf of Mr. Sverrir Konradsson , Maritime Specialist – Legal Coordination and Translations, Icelandic Transport Authority – Maritime Safety and Facilitation.



Soffia Gudmundsdottir

Executive Secretary

Protection of the Arctic Marine Environment (PAME) Working Group of the Arctic Council

Polar portal links data for operators and owners

Online resource launched for companies working in Arctic waters

By Tom
Lund

The Arctic Council working group has launched an online resource to help operators and operators working in the polar regions.

In its meeting in London this week, the Arctic Shipping Best Practice Information Forum, which works under the Arctic Council's Protection of the Arctic Marine Environment (PAME) working group, unveiled a new portal with links to data to help companies implement the Arctic Code of Ships Operating in Arctic Waters (ACOWS).

The publicly available portal is arcticshippingforum.eu – below the chapters of the Polar Code, guide access to summaries of the information from a range of feed as and provides opportunities to interact with pages.

It also has a state-of-the-art page on which the eight member states of the Arctic Council can publish further information that they think is relevant to the shipping in their regions.

Michael Røed, who is a special adviser to the Arctic Council, says the portal is a key element in the Arctic Code of Ships Operating in Arctic Waters (ACOWS) and a key element in the Arctic Code of Ships Operating in Arctic Waters (ACOWS).

Røed says the data portal has much more to offer than just a list of information, where regulations are listed. It also includes information on the Arctic Code of Ships Operating in Arctic Waters (ACOWS) and a key element in the Arctic Code of Ships Operating in Arctic Waters (ACOWS).

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The PAME group believes it has developed a unique portal. "There is information on how that ships operators did not even know existed," Røed says.

This week, the Arctic Regional Information Forum, which works under the Arctic Council's Protection of the Arctic Marine Environment (PAME) working group, unveiled a new portal with links to data to help companies implement the Arctic Code of Ships Operating in Arctic Waters (ACOWS).

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COLD FACTS – Michael Røed (left) and Michael Røed launch the portal. Photo: Michael Røed

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ARCTIC SHIPPING FORUM FINDS ITS FEET

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Photo: Thomas Nilsen

Arctic Council forum launches web portal explaining Polar Code

A new web portal has launched this month to help raise awareness, and provide timely information, about the International Maritime Organization's Arctic and Antarctic shipping regulations.



COOPERATION – Michael Røed (left) and Michael Røed launch the portal. Photo: Michael Røed



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21 May 2018

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TO: ALL FULL AND ASSOCIATE MEMBERS

Copy: Marine Committee

ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM LAUNCHES PUBLIC WEB PORTAL

Action required: Members are invited to note that the Arctic Shipping Best Practice Information Forum has launched a public web portal and take action as appropriate.

The Polar Code is a mandatory international framework that increases the safety of ship operations and mitigate the impact on the people and the vulnerable environment in



AME

Protection of the Arctic Marine Environment

MARITIME SAFETY COMMITTEE
101st session
Agenda item 7

MSC 101/INF.18
2 April 2019
ENGLISH ONLY

Pre-session public release: ☐

SAFETY MEASURES FOR NON-SOLAS SHIPS OPERATING IN POLAR WATERS

Arctic Shipping Best Practice Information Forum

**Submitted by Canada, Denmark, Finland, Iceland, Norway,
Russian Federation, Sweden and United States**

SUMMARY

Executive summary: The Arctic Council's Working Group on the Protection of the Arctic Marine Environment (PAME) established the Arctic Shipping Best Practice Information Forum ("Forum") in 2017. In May 2018, the Forum launched a public web portal to assist in the effective implementation of the International Maritime Organization's *International Code for Ships Operating in Polar Waters* (Polar Code). The aim of this document is to introduce the Arctic Shipping Best Practice Information Forum and its web portal to IMO.

Thank You