

FORUM WEB-PORTAL

Arctic Shipping Best
Practice Information Forum
5th Annual Meeting -
Virtual 16th - 18th
November 2021

Michael Kingston, Special
Advisor to PAME

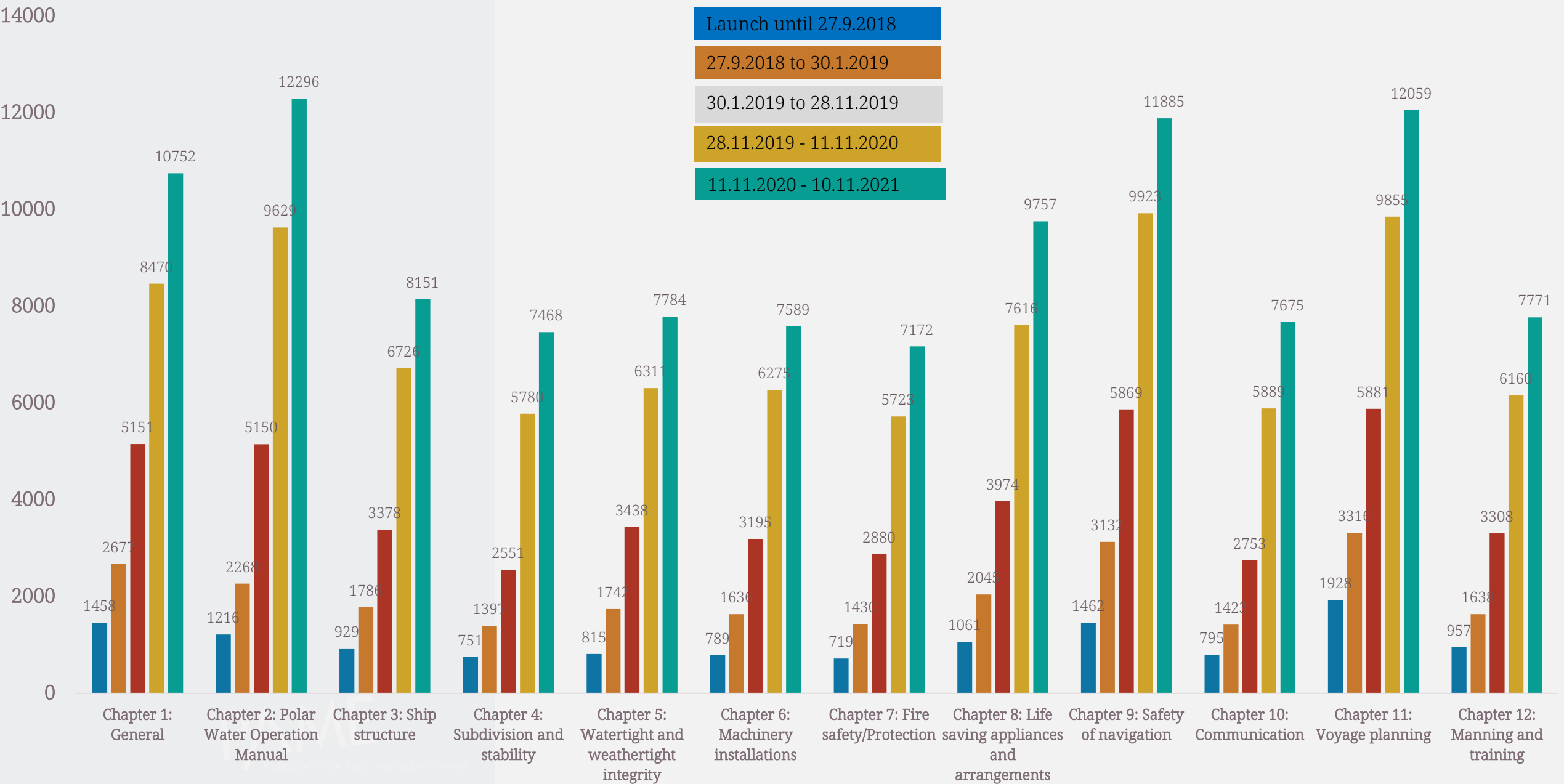
www.arcticshippingforum.is

PAME

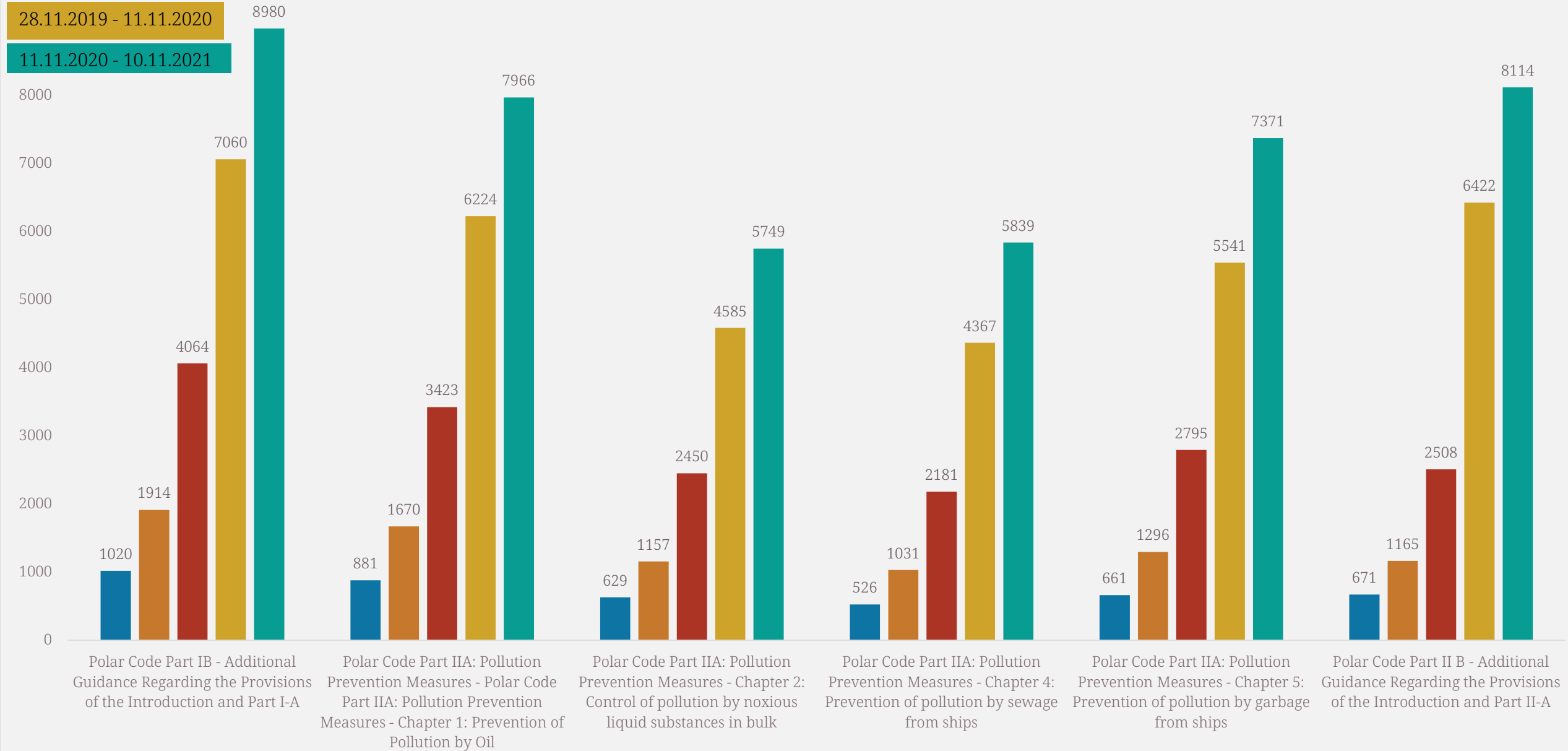
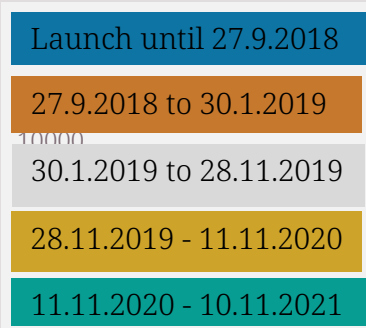
Protection of the Arctic Marine Environment



Chapters visits



Polar Code: Part IB - IIA and IIB



FORUM WEB-PORTAL

VISITS

Arctic Shipping Best Practice Information Forum

Web Portal visits

Average increase
(chapters) 21%

www.arcticshippingforum.is - Total visits

Arctic State Administrations

Forum Participants

| 27.9.2018 | 30.1.2019 | 28.11.2019 | 11.11.2020 | 10.11.2020 | Visits since 11.11.2020 | Difference |
|-----------|-----------|------------|------------|------------|-------------------------|------------|
| 0 | 10.535 | 17475 | 55943 | 80564 | 24621 | 31% |
| 3156 | 5606 | 10938 | 15308 | 19163 | 3855 | 20% |
| 2598 | 5874 | 11149 | 14341 | 17462 | 3121 | 18% |

Site

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

Visits

| | | | | | | |
|------|------|------|------|-------|------|-----|
| 1458 | 2677 | 5151 | 8470 | 10752 | 2282 | 21% |
| 1216 | 2268 | 5150 | 9629 | 12296 | 2667 | 22% |
| 929 | 1786 | 3378 | 6726 | 8151 | 1425 | 17% |
| 751 | 1397 | 2551 | 5780 | 7468 | 1688 | 23% |
| 815 | 1742 | 3438 | 6311 | 7784 | 1473 | 19% |
| 789 | 1636 | 3195 | 6275 | 7589 | 1314 | 17% |
| 719 | 1430 | 2880 | 5723 | 7172 | 1449 | 20% |
| 1061 | 2045 | 3974 | 7616 | 9757 | 2141 | 22% |
| 1462 | 3132 | 5869 | 9923 | 11885 | 1962 | 17% |
| 795 | 1423 | 2753 | 5889 | 7675 | 1786 | 23% |
| 1928 | 3316 | 5881 | 9855 | 12059 | 2204 | 18% |
| 957 | 1638 | 3308 | 6160 | 7771 | 1611 | 21% |

Polar Code Part IB

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

| | | | | | | |
|------|------|------|------|------|------|-----|
| 1020 | 1914 | 4064 | 7060 | 8980 | 1920 | 21% |
|------|------|------|------|------|------|-----|

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

Chapter 5: Prevention of pollution by garbage from ships

| | | | | | | |
|-----|------|------|------|------|------|-----|
| 881 | 1670 | 3423 | 6224 | 7966 | 1742 | 22% |
| 629 | 1157 | 2450 | 4585 | 5749 | 1164 | 20% |
| 526 | 1031 | 2181 | 4367 | 5839 | 1472 | 25% |
| 661 | 1296 | 2795 | 5541 | 7371 | 1830 | 25% |

Polar Code Part II B

Additional Guidance Regarding the Provisions of the Introduction and Part II-A

| | | | | | | |
|-----|------|------|------|------|------|-----|
| 671 | 1165 | 2508 | 6422 | 8114 | 1692 | 21% |
|-----|------|------|------|------|------|-----|

WEB PORTAL

PREVIOUS HOME PAGE

POLAR CODE CHAPTERS: EXPLANATION AND SUBMISSIONS

[+ Polar Code Part IA - Safety Measures](#)

[+ Polar Code Part IB](#)

[+ Polar Code Part IIA: Pollution Prevention Measures](#)

[+ Polar Code Part II B](#)

CONTACT

[+ Contact Forum Organizers](#)

IMO INFORMATION ON THE POLAR CODE

[+ IMO Polar Code Information](#)

OTHER INFORMATION

[+ Annual Forum meetings](#)

[+ Covid-19 Guidance](#)

[+ Operational Documents](#)

[+ Other Information](#)

SUBMIT INFORMATION TO THE WEB-PORTAL

To submit information for the web-portal, click this [link](#) and fill in the form. The information will be reviewed and added to the web-portal consequently and the submitter contacted via e-mail.

ABOUT THE FORUM

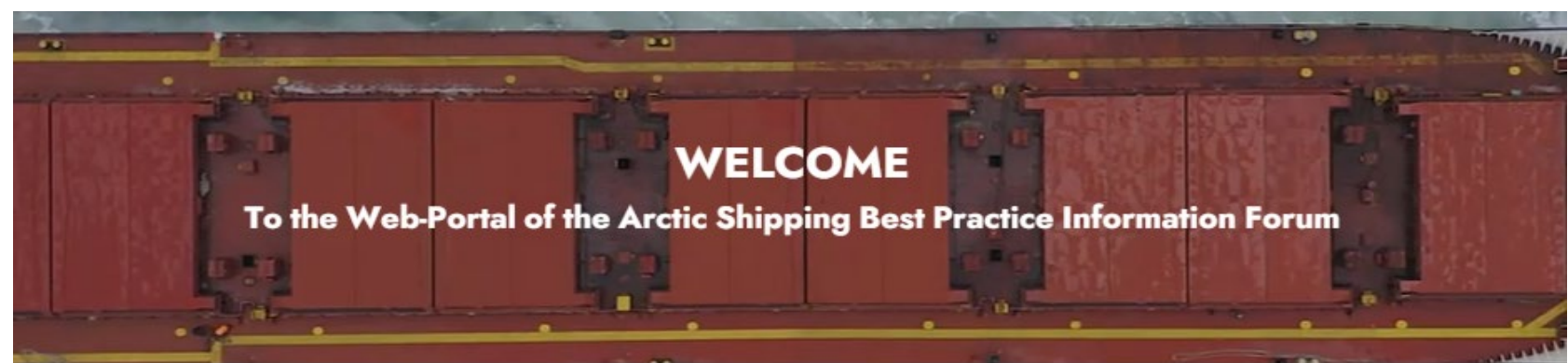
The International Maritime Organization's adoption of the International Code for Ships Operating in Polar Waters (Polar Code) prompted the Arctic Council's Working Group on the Protection of the Arctic Marine Environment (PAME) to establish of the **Arctic Shipping Best Practice Information Forum (Forum)**. The aim of the Forum is to raise awareness of the Polar Code amongst all those involved in or potentially affected by Arctic marine operations and to facilitate the exchange of information and best practices on Polar Code implementation among 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.

The principal product of the Forum is a Web portal which provides links to authoritative information that are indispensable to the effective implementation of and compliance with the Polar Code. Organized by the chapters of the Polar Code, the Web portal links to information submitted by Forum participants and vetted according to agreed criteria by the Forum's Steering Committee. In addition, the Web portal contains links to information provided by administrations of the eight Arctic States (Canada, Kingdom of Denmark, Finland, Iceland, Norway, Russian Federation, Sweden and the United States of

WEB PORTAL

CURRENT HOME PAGE



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

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

Chapter 5: Prevention of pollution by garbage from ships

Part IB

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

Part IIB

Additional Guidance Regarding the Provisions of the Introduction and Part II-A

CONTACT

WEB PORTAL

HOME
PAGE

IMO
INFORMATION ON
THE POLAR CODE

MAP

PAME
Protection of the Arctic Marine Environment

IMO INFORMATION ON THE POLAR CODE

IMO Polar Code Information

Polar Ship Certificates

Arctic Polar Code Area



WEB PORTAL

HOME
PAGE

IMO
INFORMATION ON
THE POLAR CODE

POLAR SHIP
CERTIFICATES

PAME

Protection of the Arctic Marine Environment

IMO INFORMATION ON THE POLAR CODE

IMO Polar Code Information

Polar Ship Certificates

SOLAS ships operating in polar waters require a Polar Ship Certificate. This is a new statutory certificate issued by a vessel's flag administration or its authorized representatives.

The Certificate attests that the ship complies with the ship safety requirements in Part I-A of the Polar Code.

To obtain a Polar Ship Certificate, the shipowner must:

- conduct an operational (risk) assessment of the ship and its intended operations in polar waters;
- prepare a Polar Water Operational Manual (PWOM) specific to the ship, its arrangement and its intended operation in polar waters;
- have the ship surveyed to verify its compliance with the relevant requirements of the Polar Code; and
- apply to its flag administration or authorized representative for the Polar Ship Certificate.

Text from DNV-GL.

PAME has invited Arctic States and Observer States to submit to PAME information on Polar Ship Certificates that have been issued by or on behalf of their maritime administrations since their last submission of such information. This information is posted to this section in the Web-Portal.

Canada

Issuance of Polar Ship Certificates

| No. | Name of Vessel | IMO Number | Type of Vessel | Length (m) | Gross Tonnage | Date of Issue | Date of Expiry | Ice Class | Classification Society |
|-----|--------------------|------------|-----------------|------------|---------------|---------------|----------------|-----------|------------------------|
| 1 | Arcticaborg | 9184976 | Tug | 65.10 | 1453 | 2018-09-08 | 2018-10-12 | IA Super | Bureau Veritas |
| 2 | Atlantic Osprey | 9255907 | Tug | 80 | 3453 | 2021-07-20 | 2022-09-06 | C | DNV |
| 3 | Claude A. Desagnés | 9488059 | General Cargo | 130.71 | 9627 | 2021-07-07 | 2026-07-26 | 1A | DNV |
| 4 | Claude A. Desagnés | 9488059 | General Cargo | 130.71 | 9627 | 2020-06-30 | 2020-11-29 | 1A | DNV |
| 5 | Claude A. Desagnés | 9488059 | General Cargo | 130.71 | 9627 | 2019-08-13 | - | 1A | DNV |
| 6 | Dara Desgagnes | 9040089 | Chemical Tanker | 118.16 | 6262 | 2020-04-18 | 2023-01-31 | E3 | DNV |
| 7 | Dara Desgagnes | 9040089 | Chemical Tanker | 118.16 | 6262 | 2019-07-25 | 2019-12-25 | E3 | DNV |

WEB PORTAL

HOME
PAGE

IMO
INFORMATION ON
THE POLAR CODE

POLAR SHIP
CERTIFICATES

PAME

Protection of the Arctic Marine Environment

France

Last update: 5 October 2021

| No. | Name of Vessel | IMO Number | Type of Vessel | Length (m) | Gross Tonnage | Date of Issue | Date of Expiry | Ice Class | Classification Society |
|-----|---------------------------|-------------|-----------------------|------------|---------------|---------------|----------------|-----------|------------------------|
| 1 | M/V AUSTRAL | 9502518 | Passenger Ship | 142,1 | 10944 | 2018 | 2023 | IC | Bureau Veritas |
| 2 | M/V LE BOREAL | 9502506 | Passenger Ship | 142,1 | 10944 | 2018 | 2023 | IC | Bureau Veritas |
| 3 | M/V SOLEAL | 9641675 | Passenger Ship | 142,1 | 10944 | 2018 | 2023 | IC | Bureau Veritas |
| 4 | M/V LYRIAL | 9704130 | Passenger Ship | 142,1 | 10944 | 2018 | 2023 | IC | Bureau Veritas |
| 5 | M/V CHAMPLAIN | 9814038 | Passenger Ship | 131,5 | 9976 | 2018 | 2023 | IC | Bureau Veritas |
| 6 | M/V LE COMMANDANT CHARCOT | 9846249 | Passenger Ship | 149,9 | 31700 | 2021 | 2026 | PC2 | Bureau Veritas |
| 7 | L'ASTROLABE | French navy | Polar logistic vessel | 72 | 2860 | N/A | N/A | PC5 | Navy |

Italy

Last update: 12 October 2021

| No. | Name of Vessel | IMO Number | Type of Vessel | Length (m) | Gross Tonnage | Date of Issue | Date of Expiry | Ice Class | Classification Society |
|-----|----------------|------------|----------------|------------|---------------|---------------|----------------|-----------|------------------------|
| 1 | AIDACARA | 9112789 | Passenger Ship | - | 38557 | 22.09.2020 | 30.06.2021 | E1/Ice 1C | Bureau Veritas |
| 2 | LAURA BASSI | 9114256 | Research Ship | - | 4028 | 20.12.2020 | 19.05.2021 | PC5 | Bureau Veritas |

Netherlands

Last update: 21 October 2021

| No. | Name of Vessel | IMO Number | Type of Vessel | Length (m) | Gross Tonnage | Date of Issue | Date of Expiry | Ice Class | Classification Society |
|-----|----------------|------------|-----------------|------------|---------------|---------------|----------------|-----------|------------------------|
| 1 | SHERAKHAN | 6618823 | Passenger ship | 62.97 | 1945 | 12/10/2021 | 31/01/2022 | - | Bureau Veritas |
| 2 | LELYSTAD | 8507391 | Suction dredger | 130.7 | 12116 | 16/12/2020 | 10/12/2025 | - | Bureau Veritas |

WEB PORTAL

HOME
PAGE

IMO
INFORMATION ON
THE POLAR CODE

IMO DOCUMENTS

PAME

Protection of the Arctic Marine Environment

IMO INFORMATION ON THE POLAR CODE

IMO Polar Code Information

Polar Ship Certificates

Arctic Polar Code Area

IMO Documents Referencing the Forum

Various IMO documents have referenced the Forum over the years. This section lists them.

IMO Documents

- 120th meeting by the Council: Relations with intergovernmental organizations: Cooperation with the Arctic Council (note by the Secretary-General)
- 122th meeting by the Council: Relations with intergovernmental organizations: Cooperation with the Arctic Council (note by the IMO Secretary-General)
- 125th meeting by the Council: Relations with intergovernmental organizations - IMO activities and contribution to the work of the Arctic Council (note by the IMO Secretary General)
- Circular Letter No.4009 - Arctic Shipping Best Practice Information Forum (by IMO Secretariat)
- Circular Letter No.4208 - Fourth Annual Meeting Of The Arctic Shipping Best Practice Information Forum (by IMO Secretariat)
- Circular Letter No.4460 - Fifth Annual Arctic Shipping Best Practice Information Forum (16 To 18 November 2021)
- IMO Maritime Safety Committee - Information document 101-INF.18 - Arctic Shipping Best Practice Information Forum (submitted by Canada, Denmark, Finland, Iceland, Norway, Russian Federation, Sweden and United States)
- IMO Maritime Safety Committee - Meeting document 104-17-7 - Implementation of IMO's Polar Code (submitted by WWF)
- IMO Maritime Safety Committee - Meeting document 104-17-12: (submitted by Friends of the Earth and Pacific Environment)

WEB PORTAL

HOME
PAGE

OTHER
INFORMATION

MEDIA ARTICLES

PAME

Protection of the Arctic Marine Environment

Media References

Various media articles have referenced the Forum over the years. This section lists them, please send further articles to the PAME Secretariat (pame@pame.is).

Media References as of 8 November 2021

- *The Arctic*, [Russia to actively discuss Northern Sea Route at global venues](#) (March 31, 2021) (citing the Forum's steps to promote Arctic navigation)
- *World Meteorological Organization*, [WMO Services for Polar Waters – collaboration with the Arctic Council](#) (Dec. 2020) (describing the most recent Arctic Consensus Statement on the Seasonal Climate Outlook and regional climate summary, considering the recommendations of the first WMO-IMO International Symposium on Extreme Maritime Weather (2019))
- *IMO*, [Sharing best practices for safer Arctic shipping](#) (Nov. 30, 2020) (explaining the development of safety measures for ships not currently covered by the Polar Code)
- *Safety4Sea*, [Arctic Shipping Forum meets to promote effective implementation of Polar Code](#) (June 12, 2019) (highlighting the importance of the collaboration between the Forum and IMO, specifically noting IMO's accreditation as an Arctic Council Observer)
- *Anchorage Daily News*, [Alaskans lead the U.S. forward in the Arctic](#) (May 21, 2019) (Alaska describes its participation in addressing Arctic issues, including its role as a subject matter expert on the Forum)
- *The Maritime Executive*, [Arctic Council Launches Shipping Database](#) (Feb. 9, 2019) (generally announcing the launch of the forum's web portal to assist in implementation of the IMO's Polar Code)
- *SEC Wire*, [Chamber of Shipping of America President and CEO Kathy Metcalf, Prepared Testimony Before the Senate Commerce, Science and Transportation Subcommittee](#), (December 6, 2018) (President and CEO of the Chamber of Shipping of America discussing Arctic governance issues, citing the value of the Arctic Shipping Best Practice Information Forum)
- *IISD SDG Knowledge Hub*, [Arctic in Focus: Report, Meetings Focus on Adaptation Efforts in the Region](#) (May 31, 2018) (detailing the features of the web portal)
- *NewsPress*, [A look ahead: The Arctic Council in 2018](#) (Feb. 6, 2018) (Chair of the Senior Arctic Officials describing the Arctic Council's goals for 2018, specifically noting the Forum's effort to facilitate information exchange among the Forum's members)
- *High North News*, [The shipping industry and the member states of the Arctic Council have established a new forum for shipping in the Arctic](#) (Sept. 6, 2017) (describing Arctic State support for the Forum to facilitate secure and environmentally friendly shipping in the High North)
- *Association of Arctic Expedition Cruise Operators*, [AECO Presentation at the Arctic Shipping Best Practices Information Forum in London](#) (June 14, 2017) (detailing AECO's support for the Forum, highlighting the expedition cruise industry's collaborative approach to industry guidelines and standards)
- *Centre for Research & Innovation at NMCI*, [NMCI takes part in the Arctic Council's 4th Meeting of the Arctic Shipping Best Practice Information Forum](#) (undated)

WEB PORTAL

HOME
PAGE

OTHER
INFORMATION

PUBLICATIONS /
PRESENTATIONS

OTHER INFORMATION

⊕ Forum Operational Documents

⊕ Annual Forum Meetings (2017 - present)

⊕ How to Submit Information to the Web-Portal

⊖ Publications and Presentations

- [Presentation on the Forum \(Michael Kingston and Hjalti Hreinsson\)](#) - 2 October 2018, PAME Plenary Meeting, Vladivostok, Russian Federation
- [Rules are one thing. Implementation another](#) (Michael Kingston on how the Arctic Shipping Best Practices Information Forum will assist in the harmonised implementation of The Polar Code), Tanker Shipping and Trade, Riviera Media, 11 December 2017.

⊕ Covid-19 Information

⊕ IMO Documents Referencing the Forum and Media References

WEB PORTAL

HOME
PAGE

OTHER
INFORMATION

HISTORIC
MEETING
INFORMATION

PAME
Protection of the Arctic Marine Environment

OTHER INFORMATION

Forum Operational Documents

Annual Forum Meetings (2017 - present)

The Arctic Shipping Best Practice Information Forum convenes annual meetings.

2017:

- Dates: 5-6 June
- Location: Lloyds Register, London
- Meeting summary
- Meeting website

FIRST
ANNUAL MEETING

2018:

- Dates: 14-15 May
- Location: Irish Cultural Centre, London
- Meeting summary
- Meeting website

SECOND
ANNUAL MEETING

2019:

- Dates: 3-4 June
- Location: United States Embassy, London
- Meeting Summary
- Meeting website

THIRD
ANNUAL MEETING

2020:

- Dates: 24-25 November
- Location: Online virtual meeting
- Meeting summary
- Meeting website

FOURTH
ANNUAL MEETING

2021:

- Dates: 16-18 November
- Location: Online virtual meeting
- Meeting summary: To be uploaded
- Meeting website

FIFTH
ANNUAL MEETING

How to Submit Information to the Web-Portal

WEB PORTAL

HOME PAGE

OTHER
INFORMATION

FORUM
OPERATIONAL
DOCUMENTS

PAME

Protection of the Arctic Marine Environment

OTHER INFORMATION

Forum Operational Documents

- Forum's Terms of Reference
- Methods of Operation
- Factors to be Considered in Selecting Hyperlinks for Posting to the ASBPIF Web Portal

+ Annual Forum Meetings (2017 - present)

+ How to Submit Information to the Web-Portal

+ Publications and Presentations

+ Covid-19 Information

+ IMO Documents Referencing the Forum and Media References

WEB PORTAL HOME PAGE

ARCTIC STATE
INFORMATION

FORUM PARTICIPANTS

SHIPPING TRENDS

ARCTIC STATE INFORMATION



Arctic State information site.

FORUM PARTICIPANTS



This site overviews participants of the Forum.

WEB-PORTAL HOME



Forum home page.

SHIPPING TREND IN THE POLAR CODE AREA (2013-2019)

Using PAME's Arctic Ship Traffic Database, ASTD, PAME has produced a short report on trends in shipping in the Polar Code area 2013-2019. For example, the Report shows that during this six-year period, the number of ships entering the Arctic grew by 25%, and the distance sailed by ships in the Arctic increased by 75%.



Increase in number of ships

25%

Increase in distance sailed 2013-2019

75%

Fishing Vessels

41%

Diminishing Sea Ice 1999-2019

-30%

[DOWNLOAD REPORT](#)

CHAPTER PAGES

THANK YOU PARTICIPANTS



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 Notices to Mariners that are ordinarily contained in government publications. These are set out in the text of Chapter 11 below, and in the Part 1B Additional Guidance.

SUBMISSIONS

Audubon Alaska

Alaska Chadyuk Network (Chadyuk)

American Bureau of Shipping (ABS)

AMATII

Bering Sea Elders Group

Canadian Hydrographic Service

Canadian Ice Service

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

WEB PORTAL

HOME PAGE

ACKNOWLEDGEMENT
SECTION

ACKNOWLEDGEMENTS

The Forum Coordinating Committee would like to sincerely thank all those who have supported the Forum's development.

To date, the Forum has been maintained by modest financial contributions, and in-kind contributions from the Arctic States. To continue to sustain and strengthen the Forum and meet the expressed interest and need of Arctic shipping stakeholders, additional funds are necessary. Financial contributions may be made by contacting the PAME Secretariat at pameshippingforum@pame.is.

In particular, the Forum Coordinating Committee would like to thank the following contributors.



ARCTIC COUNCIL MEMBER STATES

CANADA

KINGDOM OF
DENMARK

ICELAND

FINLAND

NORWAY

SWEDEN

RUSSIAN
FEDERATION

UNITED STATES

THANK YOU,
MICHAEL KINGSTON,
SPECIAL ADVISOR TO
PAME

ON BEHALF OF THE
PAME ARCTIC
SHIPPING BEST
PRACTICE
INFORMATION FORUM
ORGANIZING
COMMITTEE

WWW.ARCTICSHIPPINGFORUM.IS

PAME

Protection of the Arctic Marine Environment

