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# PAME

Protection of the Arctic Marine Environment



## PAME II-2017

SEPTEMBER 18-20  
HELSINKI - FINLAND

## WORKING GROUP MEETING REPORT

# PAME

Protection of the Arctic Marine Environment

## PAME II-2017 MEETING REPORT

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100 participants took part in the PAME II-2017 meeting.

Photo: Hjalti Hreinsson



## **RECORD OF DECISIONS AND FOLLOW-UP ACTIONS**

**PAME II-2017 (18-20 September 2017)**

**Helsinki, Finland**

### **Opening of the Meeting**

*PAME thanks Finland for hosting this Meeting and notes with appreciation the welcoming remarks from Ms. Hannele Pokka, Permanent Secretary, Ministry of the Environment, Finland and the summary of Finland's 2017-2019 Chairmanship Program by Mr. René Söderman, Senior Arctic Official, Ministry for Foreign Affairs, Finland.*

### **Information from the Chair and Secretariat (Agenda Item 3)**

*PAME took note of:*

- *Outcomes from relevant Arctic Council meetings including the Ministerial Meeting in May 2017 and SAO Executive Meeting in June 2017 as summarized by the PAME Chair, Renée Sauv e and Vice-Chair, Elizabeth McLanahan;*
- *outcomes from the Task Force on Arctic Marine Cooperation (TFAMC) meeting (14-15 Sep) as summarized by the co-chair, J ohann Sigurj onsson;*
- *Finland's 2017-2019 Chairmanship Program as it relates to PAME's work as summarized by Kristiina Isokallio/Finland;*
- *outcomes of the United Nations BBNJ meeting as summarized by the PAME Chair, Ren e Sauv e;*
- *outcomes of the United Nations Ocean Conference as summarized by Jessica Nilsson/Sweden; and*
- *outcomes of the Arctic High Seas Fisheries Negotiations as summarized by the PAME Vice-Chair, Elizabeth McLanahan.*

*PAME thanks Mr. Nikolaj Bock, from the European Environment Agency, for his presentation on a recently published report on European perspectives on a changing Arctic (EEA Report 7-2017-The Arctic environment: <https://www.eea.europa.eu/publications/the-arctic-environment>) and noted particular relevance to PAMEs work on shipping and ecosystem approach. PAME was informed about the upcoming Our Oceans Conference to be hosted by the EU in Valletta, Malta 5-6 October 2017.*

### **Framework for a Pan-Arctic Network of Marine Protected Areas (MPAs) (Agenda item 4)**

*PAME appreciates the update by the USA on the 2017 Toolbox, and confirms that the MPA Expert Group (EG) should add chapters that incorporate key information and outcomes of the 2<sup>nd</sup> (USA/Kindom of Denmark, February 2017), 3<sup>rd</sup> (Finland/Sweden, September 2017),*

and 4<sup>th</sup> (Canada, Fall 2018) workshops, on resilience, climate change and ocean acidification, and indigenous engagement, respectively.

PAME thanks the Kingdom of Denmark, USA, Finland, Sweden, and Canada for their hosting of these workshops.

PAME notes WWF's planned project to develop an initial spatial analysis of candidate sites for protection in a pan-Arctic MPA network vision.

PAME requests the MPA-EG to compile the list of potential next steps from workshops and existing MPA reports into a tracking table by 1 December, 2017. Based on this tracking table, PAME invites project proposals for future PAME work plans.

PAME notes the experience of many Observers in MPAs and MPA networks and invites them, as well as Member States and Permanent Participants, to provide any relevant information and propose future presentations.

PAME recalls that the MPA-EG will contribute information and expertise to the MEMA project.

PAME requests the PAME Secretariat to continue liaising with the AMAP and CAFF Secretariats to convey the status of, and invite the cooperation of AMAP and CAFF in PAME's MPA activities for the 2017-2019 biennium. PAME Heads of Delegation are also encouraged to reach out to their States' respective AMAP and CAFF Heads of Delegation.

### **Arctic Marine Shipping Assessment (Agenda Item 5)**

#### **AMSA I(A) – Linking with International Organizations**

PAME thanks Commander Juha Vuolle, Finnish Border Guard from the Finnish Maritime Environment Tri-authority Operations (METO) for his presentation on maritime cooperation among maritime authorities on maritime surveillance systems, and communication means to produce a common maritime situational awareness.

PAME thanks Ms. Tiina Tuurnala of the Finnish Shipowners' Association for her presentation on their shipping operations of particular Arctic relevance. The Finnish Shipowner's Association is encouraged to send best practices information to the Arctic Shipping Best Practices Information Forum.

PAME approves the Arctic Shipping Best Practice Information Forum's Terms of Reference (ToR) as amended at this meeting and invites comments by **15 November** from PAME members on the Forum's draft Methods of Operations, Communications and Outreach Strategy, and Eligibility Criteria for Information to be Posted to the Web Portal. In addition:

- PAME invites Forum participants to submit relevant information for posting to the Forum's web portal as soon as possible to facilitate the proposed launch of that web portal in February 2018. PAME Secretariat will circulate an invitation for submission.
- PAME requests the Secretariat to further develop a mock-up of the web portal for presentation at PAME I-2018;
- PAME notes that the next Forum meeting is tentatively scheduled in conjunction with the 72<sup>nd</sup> Session of the International Maritime Organization's Marine Environment Protection Committee (MEPC 72), 9-13 April 2018 or the 99th Session of IMO's Marine Safety Committee (MSC-99), 16-25 May 2018;

- *PAME thanks the Arctic Regional Hydrographic Commission (ARHC) for its letter of 7 September and its offer of assistance in the development of the web portal theme of hydrography and charting;*
- *PAME instructs the Shipping Expert Group's (SEG) Co-Chairs to provide a status report on the Forum at PAME I-2018.*

*PAME requests the Secretariat to invite a representative of the Comité Maritime International (CMI) to make a presentation at PAME I-2018 on its work related to Arctic shipping.*

### ***AMSA I(B) – IMO Measures for Arctic Shipping***

*PAME welcomes the information submitted to PAME II-2017 related to the four HFO projects identified in the 2017-2019 PAME Work Plan.*

- *HFO Phase IV (a) – Collect and Report on Information on use of Heavy Fuel Oil (HFO) in the Arctic - PAME invites its members to submit any information they may have by **15 December** for the most recent three year period on the number, types, and routes of ships in the Arctic that used HFO as fuel (including quality or grade) or transported as cargo, including if available the volume of HFO carried as bunker fuel and/or cargo as well as the destination of HFO transported as cargo.*
- *HFO Phase IV (b) – Collect, Report and/or Review Information about On-Shore use by Indigenous Peoples and Local Communities of HFO – PAME approves the project plan outline and key elements contained in the paper submitted to PAME II-2017 and looks forward to SDWG's decision to partner on the project. PAME requests that States and PPs identify a point of contact for this project by **15 October**. PAME invites its members to submit any information they may have by **15 December** relevant to this project.*
- *HFO Phase IV (c) – Prepare an IMO Information Paper Summarizing PAME's Work on HFO – PAME invites its members to comment on Canada's draft IMO information paper to the MEPC 72, by **1 November**, ensuring coordination with each State's IMO delegation. Canada will circulate a revised version by **15 November** requesting co-sponsorship by Arctic States and Observer States with the objective of submitting a final information paper by IMO's deadline of **2 February**.*
- *HFO Phase IV (d) – Explore the Environmental, Economic, Technical and Practical Aspects of the use by Ships in the Arctic of Alternative Fuels – PAME invites the consultant retained by Norway to provide a presentation on this project at PAME I-2018.*

*PAME approves the phase I of the revised Finland/Russia project proposal on harmonized implementation of the Polar Code, as amended in the following manner:*

- *Finland/Russia will develop as a 1<sup>st</sup> phase a draft informational brochure/package on the Polar Code for ships visiting Arctic ports by **10 November** and will invite PAME members to submit comments on it by **10 December**. FIN/RUS will submit a final draft for consideration at PAME I-2018.*
- *Finland/Russia will report to PAME I-2018 on any decisions by the Paris MOU and the Tokyo MoU to pursue a Polar Code Concentrated Inspection Campaign (CiC). Depending on this report, PAME I-2018 will discuss how and whether to develop a plan for cooperating with or using information resulting from any Polar Code CiC.*

- *PAME invites its Member and Observer States to submit to PAME I-2018 information on Polar Ship Certificates that have been issued by or on behalf of their maritime administrations.*
- *PAME welcomes the International Conference on Harmonized Implementation on the Polar Code to be arranged by Finland in Helsinki on 22<sup>nd</sup> of February, 2018.*

*PAME thanks Mr. Bryan Comer from the International Council on Clean Transportation (ICCT) for his presentation on the use and carriage of HFO by ships in the Arctic and potential future work.*

### ***AMSA I(C): Uniformity of Arctic Shipping Governance***

*PAME invites its members to comment on the Canada/Iceland/AIA Safe and Low Impact Shipping Corridors project proposal by **1 November**. Canada/Iceland/AIA will revise the proposal and recirculate for final intercessional approval by **1 December**.*

*PAME invites Arctic States and Observer States to submit to PAME I -2018 information on low impact shipping corridors or other comparable ship traffic schemes.*

### ***AMSA I (D) – Strengthening Passenger Ship Safety***

*PAME requests the Secretariat to invite a representative of EYOS Expeditions to make a presentation at PAME I-2018 on safe and environmentally sound navigation in the Arctic of non-commercial yachts and pleasure craft and to identify areas of potential collaboration with PAME on such issues.*

## **Theme II: Protecting Arctic People and the Environment**

### ***AMSA II(A) – Survey of Arctic Indigenous Marine Use***

*PAME welcomes an update at PAME I-2018 by the Aleut International Association on its Arctic Indigenous Marine Use: Tools for Communities Project.*

### ***AMSA II (D) – Specially Designated Arctic Marine Areas***

*PAME invites Russia/USA to coordinate the process for timely submission to MEPC 72 of a paper on the concept of regional reception facilities in the Arctic, based on the Regional Reception Facilities Plan and Guide developed by PAME.*

*PAME invites Arctic States and Observer States to notify the PAME Secretariat of a point of contact who is able to work intercessionally with PAME's Regional Reception Facilities (RRF) Expert Group Co-Chairs and serve as a liaison to their respective IMO delegations for the purpose of reviewing the paper and subsequently indicating whether they can co-sponsor it according to the following timeline:*

- ***20 September 2017*** – RRF EG Co-Chairs distribute draft documents to PAME Members for initial review;
- ***29 September 2017*** – Arctic States and Observer States notify the PAME Secretariat of their points of contact; initial comments on draft documents submitted to the RRF Co-Chairs;
- ***6 October 2017*** – RRF EG Co-Chairs circulate revised documents to the designated points of contact for review;
- ***3 November 2017*** – Points of contact submit final comments to the RRF EG Co-Chairs;

- **10 November 2017** – RRFPG EG Co-Chairs circulate a near-final draft version for final review;
- **8 December 2017** – Points of contact submit to the RRFPG EG Co-Chairs any final edits and indicate whether or not their State may be identified as a co-sponsor of the paper;
- **5 January 2018** – Final paper transmitted to IMO.

#### **AMSA II(E) – Protection from Invasive Species**

PAME invites one or more Arctic States to volunteer to lead/co-lead a project related to ballast water and/or bio-fouling to advance implementation of the Arctic Invasive Alien Species Strategy and Action Plan (ARIAS) Strategy and Action Plan.

PAME notes the Memo to CAFF and PAME Heads of Delegations regarding the ARIAS provided jointly by the PAME and CAFF Secretariats, welcomes the coordination with CAFF, and appreciates the invitation to consider next steps on the implementation of ARIAS, including a joint meeting in 2018.

PAME recommends that ARIAS discussion become a standalone agenda item in future meetings, acknowledging that its pertinence to the marine environment has expanded beyond shipping.

PAME welcomes the proposal by the USA, Coastal Monitoring of Arctic Marine Invasive Alien Species Report, and approves the project, with the clarification that it focuses on the marine environment. In response to input provided during this Meeting, PAME recommends the following timeline:

- **Early October, 2017:** Project lead will provide the Secretariat with a request for information for circulation regarding community-level marine invasive species surveillance, monitoring, and reporting in the form of a questionnaire. Information is sought on multiple levels, from local communities to federal programs. Project lead will further outline the scope of the questionnaire in the information request.
- **Early December, 2017:** Inputs from Member States, Permanent Participants, and Observers on the information request will be due.
- **January, 2017:** Initial drafting of the report and iterative feedback process in coordination with contributing parties.
- **February, 2018:** Draft will be made available at PAME I-2018.

PAME requests that the PAME Secretariat continue to liaise with the CAFF Secretariat to convey the status of, and invite the cooperation of CAFF in PAME's ARIAS activities, PAME Heads of Delegations are also encouraged to reach out to their respective CAFF Heads of Delegations.

#### **AMSA II(G) – Addressing Impacts on Marine Mammals**

PAME welcomes Canada's offer to co-lead with WWF on the development of the State of the Knowledge report on underwater noise. As a first step PAME invites the co-leads to initiate the collection of relevant literature, and encourages contributions from other interested PAME Members.

PAME requests its Secretariat to invite a representative of the International Quiet Ocean Experiment Working Group on Arctic Acoustic Environments to make a presentation at

*PAME I -2018 on anthropogenic underwater noise in the Arctic and its impact on living marine resources.*

*PAME recalls that the Shipping Expert Group will contribute information and expertise to the MEMA project.*

### **Theme III: Building the Arctic Marine Infrastructure**

#### ***AMSA III (B) – Arctic Marine Traffic Systems***

*PAME welcomes the progress made in operationalizing the Arctic Ship Traffic Data (ASTD) Project and notes with appreciation the financial contributions and commitments made by many Arctic States.*

*PAME invites members to submit data as described in Section 3.2 of the ASTD Cooperative Agreement for inclusion in the ASTD System.*

*PAME requests the ASTD Expert Group to circulate to PAME Members for comment by **1 November** a proposed fee structure for level 3 access to the ASTD system as described in Attachment One to the ASTD Cooperative Agreement.*

*PAME requests its Member States to provide comments on the geographical scope of the ASTD System with respect to the information it contains, by **21 October**.*

*PAME reminds ASTD Participants to notify the PAME Secretariat of any change or update to their designated contact persons and technical experts.*

*PAME invites the USA to submit to PAME I-2018, an update of the report it submitted to PAME I-2012 on “Specially Designated Arctic marine Areas and Port Waste Reception Facilities” (PAME(I)/12/4.6/b/USA).*

#### ***Update on PAME’s shipping priorities and recommendations***

*PAME requests the Secretariat to circulate the paper and draft matrix (by USA/Canada) to Members and other Arctic Council Subsidiary Bodies for comments by **1 December** on reviewing and possibly updating the recommendations contained in the 2009 Arctic Marine Shipping Assessment (AMSA) Report. Particularly welcome are comments regarding strategic priorities and/or ranking of the existing or potentially updated AMSA recommendations.*

#### ***Engagement of Observer States in PAME’s shipping-related activities***

*PAME requests the Secretariat to invite a representative of an Observer State to make a presentation at PAME I -2018 on its Arctic interest and activities, including shipping.*

*PAME invites Observers to submit responses by **10 January 2018** to the questions identified in Section 3 of the paper entitled “Developing an Approach/Framework for more Systematically Engaging with Observers on PAME’s Shipping Related Work” (PAME (II)/17/5.9/A) submitted by the USA/AIA/Republic of Korea/Italy.*

*PAME thanks the representative from Germany, Mr. Dieter Piepenburg, for his presentation on Germany’s Arctic policy guidelines, interests and polar research.*

*PAME thanks the Republic of Korea for the invitation it extended to PAME shipping experts to attend Korea's "2nd Arctic Partnership Week" in Korea (12-15 December 2017) to discuss projects and issues on PAME's shipping agenda and explore increased collaboration with Arctic Council Observers on shipping related matters.*

### **Other items**

*PAME invites all members to submit by **1 December** any available information on ship accidents in the Arctic since 2005, taking into account the project parameters and elements contained in Appendix I to the paper titled “Compendium of Arctic Ship Accidents (CASA)” (PAME (II)/17/5.7/B) submitted by the USA.*

*PAME requests the USA to coordinate on this joint project with EPPR intercessionally and invites the USA to submit for consideration at PAME I-2018 the project proposal expected to be approved by EPPR in fall 2018.*

*PAME requests the Secretariat to invite a representative from Canada’s shipping industry or a shipping industry association to make a presentation at PAME I-2018 on Arctic shipping.*

### **Arctic Offshore Resource Exploration and Development (Agenda item 6)**

*PAME thanks Dr. Cindy Van Dover from Duke University for her comprehensive presentation on the potential biodiversity loss of deep-sea mining. PAME notes the relevance of the evolving work of the International Seabed Authority to PAME’s work on ecosystem approach to management, network of marine protected areas and resource exploration and development.*

*PAME thanks Ms. Paivi Karvinen, Coordinator for the SDWG Arctic-EIA Project, for her presentation on the Finnish Chairmanship’s Arctic EIA initiative.*

*PAME requests the Secretariat to provide EIA information and assistance to the Arctic-EIA project as appropriate and distribute to PAME members the online link to the project’s Newsletter.*

*PAME notes the update on Part II of the Meaningful Engagement of Indigenous Peoples and Local Communities in Marine Activities (MEMA) Project. Project leads notes that they have made progress in locating additional indigenous information including from Russia, but requested additional information from all parties related to engagement of Indigenous Peoples and local communities in marine activities. Deadline for input is **15 January 2018**. The Project Team is following leads on securing an analyst / editor as well as possible funding for the project. The Draft Chapter on “Obligations for Engagement” will be distributed to PAME for review and comment by PAME I-2018.*

*PAME Chair requests that REDEG co-chairs consult with EPPR on the progress with the online survey on implementing recommendations of the System Safety Management and Safety Culture Report.*

*PAME is requested to review and update their links in the Arctic Offshore Oil and Gas Regulators Resource (AOOGRR) in advance of PAME I-2018.*

*PAME intends to continue to focus on information gathering including future presentations on offshore renewable energy, noise from activities, mining activities that can affect the marine environment and non-emergency offshore oil and gas activities.*

*PAME requests the Secretariat to invite a representative of the Secretariat of the International Seabed Authority to make a presentation at PAME I-2018.*

### **Ecosystem Approach to Management (Agenda item 7)**

*PAME welcomes the presentation on the status and next steps of developing guidelines for each of the six elements of implementing the ecosystem approach to management in the Arctic.*

*PAME appreciates the continuing progress made by the Ecosystem Approach expert group (EA-EG) in advancing understanding of integrated ecosystem assessment, IEA, through its continuing participation in the ICES Working Group on Integrated Ecosystem Assessment in the Central Arctic Ocean, WGICA, and participation in the meetings of scientific experts on fish stocks in the central Arctic Ocean, FiSCAO.*

*PAME accepts the prospectus for the 6th EA Workshop for January 9-11, 2018 in Seattle for the purposes of scoping and starting work on development of guidelines for Ecosystem Approach to management (EA) in the Arctic and reviewing status of work on developing and doing Integrated Ecosystem Assessment (IEA) to develop best practices for Arctic IEA.*

*PAME encourages the planning of the Second International Conference on the Status of Implementation of Ecosystem Based Management in the Arctic (Fall 2018 TBC). The purpose of the Conference is to exchange information on integrated ecosystem assessment and management experiences, including highlighting examples from Arctic States. PAME further encourages the development of the conference to be focused on examining the degree of implementation of the first four elements: Identify the ecosystem, Describe the ecosystem, Set ecological objectives, and Assess the ecosystem (IEA).*

*PAME requests the Secretariat to send out the current list of EA nominated experts and urges PAME members and other Arctic Council working groups to update their nominated experts by **31 October 2017**.*

#### ***Desktop Study on Marine Litter, including Microplastics, in the Arctic (Agenda item 8)***

*PAME welcomes the presentation on the marine litter project by the four co-leads (Iceland, Norway, Sweden and AIA) and welcomes the addition of the OSPAR Commission as a co-lead on this project.*

*PAME encourages those that have not yet nominated a marine litter expert to do so by October 6. PAME also encourages its members to submit additional literature for the desk-top study by October 6.*

*The project's co-leads will work in close collaboration with the nominated marine litter experts on developing the 1<sup>st</sup> draft and report on progress in advance of PAME I-2018 and seek inputs at that meeting.*

*PAME thanks AMAP for the information on its work on marine litter and microplastics, notes the importance of collaborating with AMAP on this issue and requests the PAME Secretariat to liaise with the AMAP Secretariat to convey the status of, and invite the cooperation of AMAP in this project. PAME Heads of Delegations are also encouraged to reach out to their respective AMAP Heads of Delegations to ensure transparency.*

#### ***Development of AMSP Implementation (Agenda item 9)***

*PAME was informed about upcoming developments of the 2<sup>nd</sup> AMSP Progress Implementation Report (2017-2019) and encouraged discussions on overall implementation reporting by PAME and other Arctic Council working groups to be discussed at a joint chairs and executive secretaries meeting on 27<sup>th</sup> of October, back-to-back with the SAO meeting.*

*PAME projects co-leads are urged to keep track of the relevant AMSP strategic actions in their respective project developments.*

*PAME requests that the Secretariat develop the 1<sup>st</sup> draft outline of the 2<sup>nd</sup> AMSP Progress Implementation Report for PAME II-2018.*

### ***PAME Administration and Next Meeting***

*PAME agrees that “Invasive Species” become a separate agenda item at PAME meetings.*

*PAME requests its Chair to present to the upcoming SAO meeting 24-26 October 2017 on HFO and marine litter as per the draft SAO agenda, in addition to submitting a 2-pager PAME progress report as requested by the Arctic Council Chairmanship.*

*PAME invites its delegations to include shipping, oil and gas/resource exploration and development, ecosystem approach experts, MPA experts, and marine litter experts in their delegations to the PAME I-2018 meeting.*

*PAME thanks the PAME expert groups for their excellent work, both intersessionally and during the meeting.*

*PAME Chair to inform its HoDs and PPs on requests to present on PAMEs works in other fora and make best efforts to share the presentation in advance to allow an opportunity for comments/inputs.*

*PAME thanks Canada for their offer to host the PAME I-2018 meeting, the dates and location to be confirmed. Suggested dates are in the beginning of February (week 12-16 February/TBC) to meet the 30 day deadline prior to SAO meetings (19-20 March 2018).*

## PAME II-2017 September 18-20 Helsinki, Finland

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## PAME II-2017: LIST OF DOCUMENTS

**17 – 20 September 2017**  
**Helsinki, Finland**

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### ACCESS TO MEETING DOCUMENTS:

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Access to all relevant documents and background information is on the PAME password protected area at: [www.pame.is](http://www.pame.is) and login information will be provided to confirmed participants.

**Participants are urged to bring their own copies of PAME-related documents for this meeting in an effort to minimize printing during the meeting!**

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### Pre-meetings Sunday the 17<sup>th</sup> of September

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Pre-meetings registrations (version 5 Sep)

Breakout room: Lohi (Salmon) (ca. 25-30 persons)	Breakout room: Norppa (Ringed seal) (ca. 20-25 persons)	Breakout room: Kuha (Zander) (ca. 10-15 persons)
<b>10:00-17:00 (whole day)</b> Shipping Experts Group (SEG) Pre-meeting.	<b>11:00-13:00</b> Ecosystem Approach Expert Group The agenda will be the items under Agenda Item 7.	
	<b>13:00-15:00</b> MPA Expert Group The agenda will be the items under Agenda Item 4.	
	<b>15:00-17:00</b> Marine Litter Expert Group The agenda will be the items under Agenda Item 8.	<b>15:00-17/18:00</b> Resource Exploration and Development Expert Group (REDEG)

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## Agenda items for the pre-meeting sessions as relevant

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### **SEG pre-meeting**

SEG pre-meeting agenda

SEG pre-meeting agenda on: Review and Update of Arctic Port Database Information by USA

*SEG pre-meeting background documents:*

Port State Control MOUs:

1. [IMO, Port State Control](#)
2. [IMO, Procedures for Port State Control, Resolution A.1052\(27\) \(30 Nov. 2011\)](#)
3. [2016 Paris MOU Annual Report \(13 July 2017\)](#)
4. [Infographic Paris MoU Annual 2016 \(20 July 2017\)](#)
5. [Annual Report on Port State Control in the Asia-Pacific Region \(2016\)](#)
6. [International Maritime Lecturers Association, Port State Control, by Prof. Pietro del Rosso](#)

[Final report on the Regional Reception Facilities plan and draft submission for IMO.](#)

**MPA Expert Group pre-meeting agenda**

**Marine Litter Project pre-meeting agenda**

[draft paper under agenda item 8.1 to be discussed and updated/modified as relevant]

**REDEG pre-meeting agenda**

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## **AGENDA 2 – Introduction and Adoption of the Agenda**

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Draft meeting agenda with timeline (version 8 September)

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## **AGENDA 3 – Information from the Chair and Secretariat**

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*Documents to be inserted*

Background documents

PAME I-2017 RoDs

SAO Report to Ministers (May 2017)

PAME at SAOX (June 13th)

Common Operating Guidelines for Working Groups

PAME 2015-2017 Main Achievements Summary Report

2017 Fairbanks Ministerial Declaration

Finland Chairmanship Program 2017-2019

Arctic Council Observer Manual

Arctic Council Rules of Procedures

Arctic Council Guidelines for Relationships with Outside Bodies

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## **AGENDA 4 – Pan-Arctic Network of Marine Protected Areas (MPAs)**

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Background documents:

- ✓ PAME MPA-network toolbox: Area-based conservation measures and ecological connectivity.
  - ✓ CAFF/PAME Indicator Report on Arctic Protected Areas.
  - ✓ Framework for a Pan-Arctic Network of Marine Protected Areas (April 2015)
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## **AGENDA 5 – Arctic Marine Shipping Assessment follow-up activities**

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### **Agenda 5.1: Linking with International Organizations**

Agenda item 5.1(c)(ii) action items:

- ✓ Forum's Terms of reference as approved by the SAOs/Ministers in May 2017
- ✓ Forum's Terms of reference revised version 19 July (track changes)

Agenda item 5.1(c)(ii) Information items:

- ✓ Rules of procedures/Method of Operation – revised version 27 July
- ✓ Forum's Communication and Outreach Strategy – revised version 21 July
- ✓ Forum's Press Release: [Press Release](#)
- ✓ Forum's meetings summary report

- ✓ Forum's template/criteria

Annotation to agenda item 5.1(c)(ii)

Agenda 5.1(d): Report on the Comité Maritime International (CMI) by USA

Agenda 5.1(d): IACS Info Paper by USA and Canada (also for SEG pre-meeting)

Background documents:

- ✓ Terms of Reference for the Arctic Shipping Best Practices Information Forum.

### **Agenda 5.2: IMO Measures for Arctic Shipping:**

Agenda item 5.2(a)(i): Types and routes of ships using HFO as fuel, submitted by USA

Agenda item 5.2(a)(ii): HFO Indigenous Use Project Proposal by USA, AIA and CCU

Annotation to agenda item 5.2(a)(ii)

Agenda item 5.2(b): Updated project proposal on supporting harmonized implementation of the Polar Code, submitted by Finland and the Russian Federation.

### **Agenda 5.3: Uniformity of Arctic Shipping Governance**

Agenda 5.3(a): Low impact shipping Corridors

### **Agenda 5.4: Survey of Arctic Indigenous Marine Use**

### **Agenda 5.5: Protection from Invasive Species**

Agenda item 5.5(b): Proposed next steps in implementation of ARIAS

Agenda item 5.5(c): Community Monitoring-invasive species-project proposal by USA

Annotation to agenda item 5.5(c)

Background documents:

- ✓ CAFF/PAME Arctic Invasive Alien Species Strategy and Action Plan (ARIAS).
- ✓ Invasive Species on PAME.is

### **Agenda 5.6: Arctic Marine Traffic Systems**

Agenda item 5.6(b): Joint PAME/EPPR CASA Paper by USA

Background documents:

- ✓ Cooperative Framework among the Arctic States Regarding Arctic Ship Traffic Data Sharing.
- ✓ [ASTD demonstration video](#)
- ✓ [ASTD project video](#)

### **Agenda 5.7: Addressing Impacts on Marine Mammals**

Agenda 5.7: Underwater noise from Arctic shipping: Effects on marine mammals and a need for specific guidelines to safeguard biodiversity by WWF

Annotation to agenda 5.7

**Agenda 5.8: Update on PAME’s shipping priorities and recommendations**

Agenda item 5.8: AMSA Report Refresh by USA and Canada

Agenda item 5.8: Appendix I-AMSA Report Refresh by USA and Canada (excel and pdf)

Annotation to agenda 5.8

**Agenda 5.9: Engagement of Observer States PAME’s shipping-related activities**

Agenda item 5.9(a): Developing an Approach/Framework for More Systematically Engaging with Observers on PAME’s Shipping-Related Work, joint submission by US, AIA, Korea and Italy.

**Background documents (Agenda 5):**

AMSA Final Report (2009)

4<sup>th</sup> AMSA Implementation Progress Report for the period 2015-2017

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**AGENDA 6 – Arctic Offshore Resource Exploration and Development**

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Agenda item 6.1: MEMA Part II status and next steps

Agenda 6.1: Background documents:

- ✓ Meaningful Engagement of Indigenous Peoples and Communities in Marine Activities (MEMA) Part I Report.
- ✓ MEMA Workshop Report.

Agenda 6.2(a): Biodiversity Loss from Deep Sea Mining in ABNJ Van Dover et al.

Annotation to agenda 6.2(a)

Agenda 6.2(a)(i): Background documents:

- Paper by Wedding et al. 2013
- SEMPIA II workshop report 18 Jan

Agenda 6.2(b): Arctic EIA

Annotation to agenda 6.2(b)

Agenda 6.2(b): MEMA and EIAs information sources

Agenda 6.2(c): Offshore Oil and Gas News

Annotation to agenda 6.2(c)

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**AGENDA ITEM 7 – Ecosystem-based Approach to Management**

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Agenda 7.1(b): 6<sup>th</sup> EA Workshop prospectus

Agenda 7.2: Interim Report of the ICES/PICES/PAME Working Group on Integrated Ecosystem Assessment (IEA) for the Central Arctic Ocean (WGICA)

Background documents:

- ✓ Status of Implementation of the Ecosystem Approach to Management in the Arctic.

- ✓ The 2015 – 2017 Progress Report of the Joint Ecosystem Approach Expert Group (EA-EG).
- ✓ The Summary Report of the International Science and Policy Conference on the Status of Implementation of the Ecosystem Approach in the Arctic.

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### **AGENDA ITEM 8 – Marine Litter, including Microplastics**

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Agenda item 8.: marine litter project discussion paper

*Background document:*

Marine Litter Project Plan - final 2017-2019

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### **AGENDA ITEM 9: AMSP Implementation**

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*Background documents:*

- ✓ 1<sup>st</sup> Report on progress/implementation of the 2015-2025 Arctic Marine Strategic Plan (AMSP).
  - ✓ AMSP Implementation Plan
  - ✓ AMSP Communication Plan
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### **AGENDA ITEM 11: Any other Business**

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EEA Report 7-2017-The Arctic environment - European perspectives on a changing Arctic – Summary (4 pages)

Full Report: <https://www.eea.europa.eu/publications/the-arctic-environment>

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### **Additional Information**

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PAME 2017-2019 Work Plan

List of participants (98 registrations), version 11 Sep 2017

PAME II-2017 logistics, hotels and map

List of nominated experts (to be posted/updated)



# PAME

Protection of the Arctic Marine Environment

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