



# PAME-I 2015

FEBRUARY 3<sup>RD</sup>-5<sup>TH</sup>  
AKUREYRI - ICELAND

## WORKING GROUP MEETING REPORT

**PAME**  
Protection of the Arctic Marine Environment



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## RECORD OF DECISIONS AND FOLLOW-UP ACTIONS

### Opening of the Meeting

*The Meeting thanks Sigríður Huld Jónsdóttir, representative of the Town of Akureyri, for her warm welcome and the Government of Iceland for hosting the PAME I-2015 meeting in Akureyri, Iceland.*

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

*The Meeting took note of U.S. Chairmanship Priorities and the main milestones and timeline up to the 2015 Ministerial meeting:*

- ✓ *17 February 2015: final deadline for submissions of working group products to SAOs for Ministerial approval*
- ✓ *4-5 March 2015: SAO meeting*
- ✓ *23-25 April 2015: Ministerial Meeting to include the following:*
  - Arctic Council Showcase event (Ottawa, April 23) with the following objectives:*
    - *Highlight Arctic Council achievements*
    - *Feature the extensive and important work of the Arctic Council Working Groups*
    - *Enhance the knowledge of the Arctic Council and Arctic issues to a broad audience*

*Cultural event and Ministerial Working Dinner (Iqaluit, April 24)  
Ministerial Meeting (Iqaluit, April 25)*

### Arctic Marine Shipping Assessment (Agenda Item 4)

#### **AMSA 2013-2015 Progress Report**

- *PAME welcomes the Third AMSA Implementation Progress Report (2013-2015) and approves this report, subject to editing, for submission to the 2015 Ministerial meeting of the Arctic Council.*

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

- *PAME thanks Peter Hinchcliffe, CEO of the International Chamber of Shipping for his presentation on Arctic shipping operations and challenges.*
- *PAME requests the Secretariat to invite the Arctic Regional Hydrographic Commission (ARHC) to submit and update progress on the status of Arctic hydrography and charting, as well as any developments with respect to Arctic Voyage Planning Guides.*
- *PAME welcomes the progress made in preparation for the ShipArc 2015 Conference, co-sponsored by the WMU, IMO/Arctic Council-PAME, and invites Member States, Permanent Participants and Observer States to submit the names and contact information of potential conference speakers to the Shipping Group co-chairs by 1 March, 2015.*

- *Taking into account the paper IALA submitted to PAME II-2014 entitled “Possible Cooperation between PAME and IALA” and the USA response paper submitted to PAME I-2015, PAME invites IALA in consultation with the Shipping Expert group co-chairs to elaborate upon those areas of possible cooperation with a view to developing a proposed draft project plan to be considered at future PAME meeting.*
- *PAME request the Secretariat to invite a representative of the International Ice Charting Working Group (IICWG) to make a presentation to PAME II-2015 on: i) the current state of ice charting and forecasting technology; ii) to indicate how the IICWG’s programs and activities may contribute to implementation of the AMSA Report recommendations; and iii) to identify any areas where PAME and IICWG might cooperate to promote the safety of navigation and protection of the Arctic marine environment.*
- *PAME requests the Secretariat to invite a representative of BarentsWatch to make a presentation to PAME II-2015.*

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

- *PAME encourages member governments to adopt Part II of the Polar Code (environmental protection measures) and the related MARPOL amendments at MEPC 68. PAME also encourages Member States to contribute to the finalization and adoption of the ship officer training and certification standards for incorporation into the International Convention on Standards of Training, Certification and Watchkeeping for Seafarers (STCW Convention) in support of the Polar Code.*
- *PAME invites member governments to submit overview papers to PAME II-2015 on their national regulation of fishing vessel safety and the prevention of pollution from such ships in the Arctic.*
- *PAME encourages member governments and observer states to become a party to the Cape Town Agreement on the Safety of Fishing Vessels, 2012, in order to promote fishing vessel safety in the Arctic.*
- *PAME encourages member governments and observer states to ratify the Ballast Water Management Convention.*
- *PAME encourages member governments and observer states that are signatories to, or observers at, the Paris and Tokyo MOU’s on Port State Control to promote the development of Port State Control guidance for the Polar Code once it enters into force.*

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

- *PAME thanks Canada and US for co-leading the Arctic Marine Tourism Project (AMTP) and approves the draft Best Practice Guidelines dated 31<sup>st</sup> of December, 2014 as modified at PAME I-2015. PAME requests the Secretariat to submit the final Guidelines for SAO and Ministerial approval.*
- *PAME recommends that vessels not subject to the Polar Code intending to sail in the Arctic take into consideration the Polar Code’s Chapter 11 on Voyage Planning as appropriate.*

- *PAME renews its invitation to member governments to submit to PAME II-2015 information on the volume, composition, size and destinations of cruise tourism within waters subject to their jurisdiction for 2011-2014 as well as information on the cruise tourism operators and the names of the ships they use.*
- 4) AMSA II(A) – Survey of Arctic Indigenous Marine Use**
- *PAME thanks AIA’s Jim Gamble for his presentation and project proposal on “Arctic Marine Indigenous Use Mapping: Tools for Communities” and notes that AIA has completed Phase I and II of the project, has applied for funding for Phase III, and USA is considering co-leading the project.*
  - *PAME requests the Secretariat to invite a representative of ICC to make a presentation to the PAME II-2015 on “The Sea Ice Never Stops: Circumpolar Inuit Reflections on Sea Ice Use and Shipping in Inuit Nunaat”.*
  - *PAME thanks SDWG Chair Jutta Wark for her presentation on the SDWG’s Local and Traditional Knowledge initiative.*
- 5) AMSA II(B) – Engagement with Arctic Communities (refer to agenda item 8, 4<sup>th</sup> bullet)**
- *PAME approved the project “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” to analyze the need to update the guidance in the AOOGG 2009 on engagement and the AMSA IIB recommendation for Engagement with Arctic Communities. The meeting agreed to include research and management activities in the project. Member states and PPs are requested to submit relevant documents to their national contacts/ project team. The project team currently includes members of the Oil and Gas Contact Group and the Shipping Expert Group. Aleut International Association, Saami Council, [Inuit Circumpolar Council], the United States and [Canada] agree to co-lead the project.*
- 6) AMSA II(D) – Specially Designated Arctic Marine Areas**
- *Taking into account the AMSA II C report and the Arctic EBSA’s identified in 2014 by the Convention on Biological Diversity (CBD), PAME invites AMAP and CAFF to denote areas within the high seas area of the Central Arctic Ocean particularly vulnerable to international shipping activities.*
  - *PAME thanks Norway for its update on the status of current ship traffic in the high seas areas of the Central Arctic Ocean and invites Norway to elaborate on this update by submitting to PAME II-2015 additional information with respect to routes and duration of voyage in the Arctic with additional information, preferably provided in an excel spreadsheet.*
  - *PAME invites the USA to submit to PAME II-2015 one or more draft proposed NAVAREA navigational warnings -- or a template therefor -- pertaining to drifting ice packs in the high seas area of the Central Arctic Ocean.*
  - *PAME decides to continue the work of the Regional Reception Facilities Plan (RRFP) Correspondence Group (CG) in consideration of the group’s report to PAME I-2015. The project co-leads will provide a further progress report to PAME II-2015. In the intercessional the RRFP CG will continue to gather*

*information from Arctic States and other Arctic stakeholders regarding a framework for developing and submitting an Arctic RRF based on the agreed TOR for the project. The final deliverable document will be completed by the end of 2016 and submitted to PAME I-2017.*

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

- *PAME invites member governments to submit to PAME II-2015 information on the nature, extent and impact of aquatic invasive species within Arctic marine waters subject to their jurisdiction. PAME also invites Permanent Participants, Observers and other Arctic Council working groups to submit to PAME II-2015 information pertinent to this subject.*

**8) AMSA II(F) – Oil Spill Prevention**

- *PAME encourages its member governments to promote the awareness and inclusion of PAME's relevant work by the Task Force on Oil Spill Prevention (TFOPP) and in subsequent implementation of its framework plan.*

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

- *PAME requests the Secretariat to invite a representative of the North Atlantic Marine Mammal Commission (NAMMCO) to make a presentation to PAME II-2015 on its Arctic relevant programs and activities.*

**10) AMSA II(H) – Reducing Air Emissions**

- *PAME invites the USA to consolidate the bibliographies of ship air emission publications submitted by Canada, the Kingdom of Denmark, Norway and the USA and to submit it to the Secretariat for posting to the PAME website and forwarding to AMAP.*
- *PAME invites Norway to submit regular updates on IMO's work with respect to black carbon.*

**11) AMSA III(A) – Addressing the Infrastructure Deficit**

- *PAME invites member governments to submit to PAME II-2015 information on all terrestrial AIS stations located within their Arctic territory. Such information would include their location and area of coverage.*

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

- *PAME thanks the representative from the Danish Maritime Authority for his presentation on Arctic Web and its capabilities.*
- *PAME invites member governments to submit to the Secretariat in advance of PAME II-2015 Arctic AIS data for 2014 in a readily accessible format (e.g. comma separated value or .csv) to the extent possible.*
- *PAME welcomes the Secretariat's submission of the Arctic Shipping Data Service (ASDS) Draft Project Plan and requests that the Secretariat, in consultation with AIS technical experts identified by member governments, further develop the draft intercessionally for consideration at PAME II-2015. Member governments are invited to inform the Secretariat of their technical experts no later than 15 March.*

**13) AMSA III(D) – Investing in Hydrographic, Meteorological and Oceanographic Data**

- *PAME invites the USA to submit to PAME II-2015 a brief report on the UN's World Ocean Assessment relevant to Arctic ocean issues and PAME initiatives.*

**14) Other Items**

- *PAME welcomes the preparation of internal, non-public shipping matrix for use in tracking pending, proposed, and completed projects and initiatives. The matrix will remain a living document, to be updated annually by the shipping expert group.*
- *PAME invites the Secretariat to renew its outreach to Arctic Council Observer States to request shipping expert contact information. PAME also invites the Secretariat to request Observer States to submit information to PAME II-2015 on their interests in Arctic Shipping and the Recommendations of the 2009 AMSA Report.*

**Updating the Arctic Marine Strategic Plan (2015-2025) (Agenda item 5)**

- *The final draft AMSP 2015-2025 will be submitted to the SAOs on the 17th of February, taking into account outstanding issues to be resolved prior to the 4-5 March 2015 SAO meeting with the aim to seek approval and submission by SAOs to the 2015 Ministerial meeting.*

**Framework for a Pan-Arctic Network of Marine Protected Areas (MPAs) (Agenda item 6)**

- *The final draft of the Framework for a Pan-Arctic Network of MPAs report will be submitted to the SAOs on the 17th of February, taking into account outstanding issues to be resolved prior to the 4-5 March 2015 SAO meeting with the aim to seek approval and submission by SAOs to the 2015 Ministerial meeting.*

**Ecosystem Approach (Agenda item 7)**

- *PAME welcomes the progress report on the work of the Ecosystem Approach expert group (EA-EG) describing work over the last 6 months as well as a summary of achievements under the work plan for the 2013-2015 period. PAME notes the importance to continue the outreach activities to secure a strong involvement of the other working groups working on marine-related issues (AMAP, CAFF and SDWG).*
- *PAME welcomes and agrees to the new and revised Terms of reference (ToR) for the PAME-led joint Ecosystem Approach Expert Group (EA-EG) with participation of other Arctic Council working groups (AMAP, CAFF, SDWG) in an effort to ensure an adequate breadth in expertise of nominated members to the EA-EG. Draft versions of the ToR have been sent to the other working groups for their comments and PAME notes that there may yet be acknowledgements added in response to comments to be received.*

- *PAME welcomes the planning and convening of the 5th EA workshop on “Methodology and status of development of ecological (quality) objectives for Arctic Large Marine Ecosystems” by the EA-EG. Tentative venue and time is Bergen, Norway, 26-27 May 2015.*
- *PAME welcomes the planning of a scoping workshop on conducting an integrated ecosystem assessment for the central Arctic Ocean by the International Council for the Exploration of the Sea (ICES) in collaboration with other relevant Arctic Council working groups, tentative venue and time is Bergen, Norway 28-29 May 2015.*

**Follow up on the 2009 Arctic Offshore Oil and Gas Guidelines (Agenda item 8)**

- *Member governments are requested to confirm and submit additional names as needed for participation in the Oil and Gas Contact Group, considering identified future work.*
- *The Oil and Gas Contact group will reformat and update the internal oil and gas matrix for use in tracking pending, proposed, and completed projects and initiatives. The matrix will remain a living document, to be updated annually by the group.*
- *PAME Chair to seek clarification through the SAO’s on mechanisms for communication and coordination of activities of PAME and the Arctic Offshore Regulators Forum (AORF) before the approval of the work of the TFOPP and official launching of the AORF.*
- *PAME approved the project “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” to analyse the need to update the guidance in the AOOGG 2009 on engagement and the AMSA IIB recommendation for Engagement with Arctic Communities. The meeting agreed to include research and management activities in the project. Member states and PPs are requested to submit relevant documents to their national contacts/ project team. The project team currently includes members of the Oil and Gas Contact Group and the Shipping Expert Group. Aleut International Association, Saami Council, [Inuit Circumpolar Council], the United States and [Canada] agree to co-lead the project.*
- *Arctic Offshore Oil and Gas Regulatory Resource (AOOGRR): The PAME Secretariat requested member states to review their web-links in the redesigned AOOGRR and supply updated information for the website by 20<sup>th</sup> of February.*
- *Updates to the Arctic Offshore Oil and Gas Guidelines (2009): The Oil and Gas Contact Group will scope the interest for possible updates to the sections of the AOOGG 2009 for environmental monitoring of operations, waste management, discharge of chemicals, and emissions. These could be considered for possible projects for inclusion in the PAME Workplan 2017-2019. In support of this effort PAME could extend invitations to international organizations to attend future PAME meetings to make presentations these topics.*

- *PAME Secretariat to approach the Arctic Council Secretariat to seek funding for Russian Translation of the AOOGG 2009 and the AOOGG: Systems Safety Management and Safety Culture Report.*
- *The Oil and Gas Contact Group will respond, as appropriate, to Themes and Projects of the 2015-2017 United States Chairmanship.*

### **Arctic Council Recommendations – PAME follow-up matrix (Agenda Item 9)**

- *PAME welcomes the ongoing work by the PAME Secretariat in maintaining the follow-up Matrix in an effort to streamline the tracking of the implementation status of the recommendations in the matrix based on discussions and comments received at PAME I-2015.*

### **PAME Work Plan 2015-2017 (Agenda Item 10)**

- *The Meeting agreed to the following:*
  - *Final PAME 2015-2017 Work Plan to be forwarded to the March 2015 SAO meeting taking into account outstanding issues to be resolved prior to the 4-5 March 2015 SAO meeting with the aim to seek approval and submission by SAOs to the 2015 Ministerial meeting.*

### **Report on 2013-2015 Achievements**

- *The Meeting agreed to the PAME achievements summary, pending final review, for the SAO Report to the April 2015 Ministerial meeting.*

### **List of deliverables to the 2015 Ministerial as follows:**

- ✓ *3<sup>rd</sup> AMSA Implementation Progress Report for the period 2013-2015.*
- ✓ *The Arctic Marine Tourism Project (AMTP) Best Practice Guidelines.*
- ✓ *The Framework for a Pan-Arctic Network of Marine Protected Areas (MPAs) project*
- ✓ *The Arctic Marine Strategic Plan (AMSP) for the period 2015-2025.*
- ✓ *The Arctic Offshore Oil and Gas Guidelines: Systems Safety Management and Safety Culture Report (March 2014).*
- ✓ *Approved ToR for the EA Expert Group and the Progress Report on the Ecosystem Approach work, including follow-up to the EBM Recommendations of relevance to PAME.*
- ✓ *2015-2017 PAME Work Plan.*

### **PAME Administration Next Meeting**

- *The Meeting invites PAME delegations to include shipping, oil and gas, ecosystem and MPA experts in their delegations to the PAME II-2015 meeting.*
- *The Meeting requests the PAME Chair to present status and progress to the upcoming SAO meeting 4-5 March 2015 on the PAME deliverables for submission to the 2015 Ministerial meeting.*

- *The location of the next PAME Meeting will be in Sep 2015, time and venue TBD.*

## ANNEX I - LIST OF PARTICIPANTS

| Family name                   | First name | Department / Ministry   | Country / Organization | E-mail   |
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| <b>Invited experts</b>                               |             |   |                   |  |
| Hinchliffe   | Peter       | International Chamber of Shipping         | United Kingdom    | <a href="mailto:peter.hinchliffe@ics-shipping.org">peter.hinchliffe@ics-shipping.org</a> |
| Guðmundsson  | Magnús      | National Land Survey of Iceland           | Iceland           | <a href="mailto:magnus@lmi.is">magnus@lmi.is</a>   |

## **ANNEX II - MEETING AGENDA**

The PAME Working Group meeting (PAME I-2015) was held at the facilities of Hotel KEA in Akureyri, Iceland and was convened at 9am on Tuesday the 15th of September and ended at 5pm on Thursday the 19th of September.

Please refer to the PAME Work Plan 2013-2015, the decisions from the 2013 Ministerial meeting and its associated SAO Report for PAME activities over the next 2 years. Leads on respective activities were requested to prepare for this meeting in accordance with the PAME Work Plan 2013-2015 and Records of Decisions from the PAME I-2014 meeting.

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### **MONDAY, February 2**

#### **09:00-17:00**

##### **PAME Shipping Expert Group pre-meeting:**

The PAME shipping Expert Group pre-meeting session was from 09:00-17:00 and a joint session with the Oil and Gas Contact Group from 13:00-14:00 to discuss the new proposed project: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities”.

The agenda will be the items under Agenda Item 4 with particular focus on the items marked with \*\*, including the updated draft matrix of follow-up activities and proposals, as well as all of the shipping-related papers submitted by PAME member governments in advance of the meeting.

Co-leads are USA and Canada.

#### **13:00-16/17:00 (to be confirmed)**

##### **PAME Oil and Gas Contact Group pre-meeting:**

The PAME Oil and Gas Contact Group pre-meeting session was from 13:00-17:00 and a joint session with the PAME Shipping Expert group from 13:00-14:00 to discuss the new proposed project: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities”.

The agenda will be the items under Agenda Item 8 below with further details to be provided by the lead (USA).

## **TUESDAY, February 3**

**09:00-12:00**

### **Item 1: Opening of the Meeting**

### **Item 2: Introduction and Adoption of the Agenda**

### **Item 3: Information from the Chair and the Secretariat**

- 3.1 *Outcome from the October 2014 SAO meeting in Yellowknife, Canada.*
- 3.2 *Upcoming Arctic Council related meetings and important milestones up to the Arctic Council Ministerial meeting, April 2015.*
- 3.3 *USA Arctic Council Chairmanship priorities (USA)*
- 3.4 *Report from the PAME Secretariat on cross-cutting activities*

### **Item 4: Arctic Marine Shipping Assessment follow-up activities—status and updates (various leads)**

#### *Theme I: Enhanced Arctic Maritime Safety*

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

- 3.5 *Update report from the Arctic Regional Hydrographic Commission (ARHC) on the status of Arctic hydrography and charting. (Tentative)\*\**
- 3.6 *Status of the planned IMO/WMU/Arctic Council-PAME International Conference on “Safe and Sustainable Shipping in a Changing Arctic Environment” (ShipArc 2015), scheduled for 25-28 August 2015 (Sweden and shipping expert group co-leads)*
- 3.7 *Summary of a paper submitted by the USA and Canada on the International Ice Charting Working Group (IICWG).\*\**
- 3.8 *Summary of submission by member governments on their views on the specific areas of proposed cooperation identified in the IALA paper on “Possible Cooperation Between PAME and IALA” (submitted to PAME II-2014)\*\**
- 3.9 *Presentation by Mr. Peter Hinchliffe, CEO of the International Chamber of Shipping (ICS) (30 min on Thursday morning the 5th of Feb).*

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

- a) *Summary paper by Canada (with co-sponsorship by other countries) on the newly adopted IMO Polar Code/SOLAS amendments and provisions for the MARPOL amendments (to be adopted in May 2015) \*\**
- b) *Discussions and next steps.*
- c) *Two project proposals by Norway as follows (may also be discussed during the Monday shipping expert meeting and/or under agenda item 4.12):*
  - ✓ *case study of accidents with ships using HFO (as a follow-up to the HFO Phase II and IIB Reports) and an assessment of the environmental impact of spills.*

- ✓ *Hazards for fuel systems and engines associated the use of HFO as fuel in cold climate.*

**13:00-17:00**

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

- a) *Summary by co-lead on the final draft version of the Arctic Marine Tourism Project (AMTP) (Canada).*
  - ✓ *Discussion and agreement on outstanding issues to finalize the AMTP for Ministerial submission.*
  - ✓ *Follow-up activities for inclusion and/or as placeholders for the PAME 2015-2017 Work Plan.*
- b) *Summary of submissions by member governments on information on the volume, composition, size and destinations of cruise tourism within Arctic waters subject to their jurisdiction for 2011, 2012 and 2013 as well as information on the Arctic cruise tourism operators and the names of the ships they use.\*\**

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

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

- a) *Summary of the SDWG/ICC Canada project on “The Sea Ice Never Stops: Circumpolar Inuit Reflections on Sea Ice Use and Shipping in Inuit Nuaat” (SDWG/ICC Canada)*
- b) *Summary on the Local and Tradition Knowledge initiative by SDWG Chair, Jutta Wark (by GoToMeeting/remote access at 3.30pm).*
- c) *Discussion.*

**4.5 AMSA II(B) – Engagement with Arctic Communities**

- ✓ *Discussion and agreement on the inclusion of the new proposed project: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” (refer to Agenda item 8)*

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

- a) *PAME member governments decided to take the following interim steps before pursuing any actions relevant to IMO and develop the papers summarizing the following (USA to lead this discussion):*
  - ✓ *Explores whether it would possible for IMO to establish dynamic areas to be avoided;*
  - ✓ *Explores whether it would be possible for IMO to designate a PSSA located exclusively in the high seas;*
  - ✓ *Explores other ideas for making mariners aware of the ecological significance of and hazards to navigation posed by the globally unique drifting multi-year ice pack, such as NAVAREA warnings and IMO Circulars.*
- b) *Update on the status of and accessibility to current ship traffic data from the high seas area of the Central Arctic Ocean (Norway and the PAME Secretariat as per agenda 4.9(e) )*

- c) *Update and status of the work plan for the work of the Regional Reception Facilities Plan (RRFP) project Correspondence Group based on PAME(II)/14/4.6/b with due consideration of the work of Arctic state delegations to MEPC and the work of IMO on the Polar Code. (co-leads: USA and Russia)*
  - ✓ *Discussion and inclusion into the PAME 2015-2017 Work Plan*

4.7 AMSA II(F) – Oil Spill Prevention

*Refer to agenda item 3.4 as a part of the report from the PAME Secretariat on the status of the Task Force on Arctic Marine Oil Pollution Prevention (TFOPP).\*\**

4.8 AMSA II(H) – Reducing Air Emissions

- a) *Summary paper by Norway on update on IMO's work with respect to black carbon (Norway) \*\**
- b) *Status of submissions by member governments to the Secretariat information on studies and assessments, both existing and ongoing, on ship air emissions (in particular black carbon) in the Arctic, methodologies for measuring emissions, and the effect of such emissions on the Arctic marine environment.*

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

4.9 AMSA III(A) – Addressing the Infrastructure Deficit

- a) *update/short paper and presentation by the USA on current information taken from IMO's GISIS Port Reception Facility database (PRFD) on Arctic and Near Arctic countries (10 min).*
- b) *Discussion and next steps.*

4.10 AMSA III(B) – Arctic Marine Traffic Systems

- a) *a (joint) paper that sets out a template for the submission by member governments of information on ship traffic within Arctic waters subject to their jurisdiction by the USA.*
- b) *Presentation on the Arctic Web <https://arcticweb.e-navigation.net/> which is currently under development by Denmark and its capabilities for the PAME members (Denmark, 20-30 min)*
- c) *Presentation by a representative from the National Land Survey of Iceland on the Arctic Spatial Data Infrastructure (ASDI, <http://arctic-sdi.org/>) (20 min)*
- d) *Update on Norway's offer to evaluate the extent to which it can provide to PAME/Arctic Council both raw and processed satellite AIS data for the Arctic (as defined in the Polar Code) for use, among others, in updating the AMSA report's ship traffic information.*
- e) *Introduction to a proposed Arctic Shipping Data Service project by the PAME Secretariat.*

4.11 AMSA 2015 Progress Report (Canada/Finland/USA)

- ✓ *Summary of final draft 2015 AMSA progress report*

- ✓ Discussion and agreement on final version to be forwarded to the 2015 Ministerial meeting

4.12 Shipping projects for inclusion in the PAME 2015-2017 Work Plan

- ✓ Review and revise the shipping section of the draft 2015-2017 PAME Work

**16:00-17:00**

**Item 5: Updating the Arctic Marine Strategic Plan (2015-2025)**

- ✓ *Summary of the final draft of the revised AMSP 2015-2025 (Canada).*
- ✓ *Discussions and agreement on final version for submission to SAOs and Ministers.*

**WEDNESDAY, February 4**

**09:00-12:00**

**Item 6: Framework for a pan-Arctic Marine Protected Areas (MPA) Network**

- ✓ *Summary of the final draft of the Framework for a pan-Arctic MPA Network (USA).*
- ✓ *Discussions and agreement on final version for submission to SAOs and Ministers.*
- ✓ *Overview of the Arctic Biodiversity Assessment (ABA) Implementation Plan focusing on areas where CAFF may envision PAMEs participation/cooperation (Tom Barry/CAFF Executive Secretary).*
- ✓ *Review and agree to MPA-related activities for inclusion in the PAME 2015-2017 Work Plan*

**Item 7: Ecosystem-based Approach to Management (Norway and USA)**

- ✓ *Agree to a revised ToR for the EA-EG and a Progress report on the work of the Ecosystem Approach expert group (EA-EG) during the 2013-2015 period.*
- ✓ *Discuss and agree to the plans of convening the 5<sup>th</sup> EA workshop on the topic of setting ecological objectives.*
- ✓ *Review and agree to the work items of the EA-EG for inclusion in the PAME 2015-2017 Work Plan.*

**Item 8: Follow-up on the Arctic Offshore Oil and Gas Guidelines (USA)**

- 8.1 *Summary of the new proposed project: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” (refer to Agenda item 4.4).*
- ✓ *Discussion and agreement on the project proposal and inclusion to the 2015-2017 Work Plan.*
- 8.2 *New proposed projects by the Oil and Gas Contact Group for inclusion to the 2015-2017 Work Plan:*
- ✓ *Possible updates to the AOOGG 2009 (Chapters 4 and 6).*
  - ✓ *Activities as appropriate to AMSP Strategic actions and Themes and Projects of the 2015-2017 United States Chairmanship.*
  - ✓ *Discussions and decisions of next steps/inclusion to the 2015-2017 Work Plan*

- 8.3 Arctic Regulatory Resources for Offshore Oil and Gas Activities (former MRE project)  
 ✓ *Update and status.*

**Item 9: Arctic Council Recommendations – PAME follow-up matrix (PAME Secretariat)**

- ✓ *Summary of revised PAME follow-up matrix*
- ✓ *Discussions and next steps, including inclusions into the 2015-2017 Work Plan*

**13:00-17:00: PAME Breakout sessions:**

|                     |                              |                     |   |
|---------------------|------------------------------|---------------------|---|
| <b>13:00-16:00:</b> | <b>AMSA breakout session</b> | <b>15:15-17:00:</b> | <b>AMSP and MPA</b>                               |
| <b>13:00-15:00:</b> | <b>EA breakout session</b>   | <b>16:00-17:00:</b> | <b>Oil and Gas contact group breakout session</b> |

The aim was to:

- ✓ *to finalize relevant documents and revisions to proposed 2015-2017 work plan items/projects and activities, and*
- ✓ *prepare draft RoDs for further discussion and agreement under Agenda Item 11.*

## **THURSDAY, February 5**

**09:00-12:00**

**Agenda 4.1: AMSA I(A) – Linking with International Organizations:**

Presentation by Mr. Peter Hinchliffe, CEO of the International Chamber of Shipping (ICS) (30 min).

**Item 10: Final Draft PAME Work Plan 2015-2017**

Outstanding issues from previous days and overview of agreed work plan items/projects/activities as relevant to include confirmation on leads where needed.

- ✓ *Agenda Item 4 - AMSA follow-up activities and future AMSA follow-up framework*
- ✓ *Agenda Item 5 – Revised AMSP*
- ✓ *Agenda Item 6 - MPAs*
- ✓ *Agenda Item 7 - Ecosystem Approach*
- ✓ *Agenda Item 8 – Oil and Gas*
- ✓ *Agenda Item 9 – Follow-up to Arctic Council products – PAME Matrix*

**13:00-17:00**

**Item 11: Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)**

- ✓ *The PAME Progress Report and deliverables to the SAO meeting 1-3 March 2015 (Chair).*
- ✓ *Preparations and deliverables to the 2015 Arctic Council Ministerial meeting – timeline/milestones and type of deliverables.*
- ✓ *Main Records of Decisions from the meeting (Chair).*

✓ *Next PAME meeting (Sep 2015, to be confirmed).*

**Item 12: Any other business and closing of the Meeting**

**End of PAME I-2015 Meeting at 17:00**

## ANNEX III – LIST OF DOCUMENTS

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

**Agenda item 2** - Draft meeting Agenda with timeline, version 26 January

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

- ✓ 3.3: *USA Arctic Council Chairmanship priorities (USA)*
- ✓ 3.4: *Report from the PAME Secretariat on cross-cutting activities.*

*Background documents:*

SAO Meeting Report, Whitehorse, 22-23 October 2014.

[PAME presentations to SAO meeting October 2014](#)

Kiruna Declaration

Arctic Council Observer Manual

Arctic Council Rules of Procedures

### **AGENDA ITEM 4 – Arctic Marine Shipping Assessment follow-up activities**

#### **Agenda item 4.1 - AMSA I(A): Linking with International Organizations**

- ✓ 4.1(c): *Report on IICWG submitted by USA and Canada*
- ✓ *Annotation to agenda 4.1(c)*
- ✓ 4.1(d): *USA views on possible cooperation with IALA*
- ✓ *Annotation to agenda 4.1(d)*

#### **Agenda item 4.2 - AMSA I(B): IMO Measures for Arctic Shipping**

4.2(a): Polar Code Status update

4.2 (c): [Project proposal by Norway](#) (also for agenda item 4.12)

*Background information:*

IMO Adopts the Polar Code.

HFO II and HFO IIb

#### **Agenda item 4.3 - AMSA I(D): Strengthening Passenger Ship Safety**

- ✓ 4.3(a): *Arctic Marine Tourism Project, draft best practices guidelines (version 31 Dec 2014) - review and revise accordingly and note that the aim is to approve its final version at the PAME I-2015 meeting for submission to SAOs and the April 2015 Arctic Ministerial Meeting.*
- ✓ 4.3(b): *Cruise Ship Tourism in the U.S. Arctic – submission by USA*
- ✓ *Annotation to agenda 4.3(b)*
- ✓ *Cruise Ship Tourism in the Canadian Arctic Waters – submission by Canada*

*Background documents:*

1st AMTP Workshop, March 2014 – Workshop report.

2nd AMTP Workshop, October 2014 – Workshop report.

**Agenda item 4.4 - AMSA II(A): Survey of Arctic Indigenous Marine Use**

- ✓ 4.4(a): *Summary on the project on Sea Ice Never Stops: Circumpolar Inuit Reflections on the Sea Ice Use and Shipping in Inuit Nuaat*
- ✓ 4.4(b): *AIA project proposal on Indigenous use mapping*
- ✓ 4.4(b): *Traditional and Local Knowledge (TLK) recommendations, version 13 Jan (SDWG)*

**Agenda item 4.5 - AMSA II(B): Engagement with Arctic Communities**

*Refer to project proposal under agenda item 8.2*

**Agenda item 4.6 - AMSA II (D): Specially Designated Arctic Marine Areas**

- ✓ 4.6(a, 3rd bullet): *Using NAVAREA Warnings and IMO Circulars to Alert Mariners to Drifting Ice in the Arctic submitted by USA*
- ✓ *Annotation to agenda 4.6(a, 3rd bullet)*
- ✓ 4.6(b): *Ship traffic high seas 2014 - submitted by Norway*
- ✓ 4.6(c): *Project Update for the development of a Regional Reception Facilities Plan (RRFP)*
- ✓ *Annotation to agenda 4.6(c)*

**Agenda item 4.7 - AMSA II(F): Oil Spill Prevention**

*verbal update.*

**Agenda item 4.8 - AMSA II(H): Reducing Air Emissions**

- ✓ 4.8(a): *Reducing air emissions - submission by Norway*
- ✓ 4.8(b): *Bibliography: Air Emissions in the Arctic – submission by USA.*
- ✓ 4.8(b): *Bibliography on air emissions in Arctic – Kingdom of Denmark*
- ✓ 4.8(b): *Annotated list of ship air emission studies - Canada*

**Agenda item 4.9 - AMSA III(A): Addressing the Infrastructure Deficit**

- ✓ *Agenda 4.9(a) - Port Reception Facility Database Information by USA*
- ✓ *Annotation to agenda 4.9(a)*

**Agenda item 4.10 - AMSA III(B): Arctic Marine Traffic Systems**

- ✓ *Agenda 4.10(a) – Update of AMSA Arctic Ship Traffic Data by USA, Canada and Iceland*
- ✓ *Annotation to agenda 4.10(a)*
- ✓ *4.10(e): ASDS draft project proposal and plan*

**Agenda item 4.11 - AMSA 2015 Progress Report (Canada/Finland/USA)**

- *2015 AMSA Progress Report (with proposed Norway and Canada additions version 21 Jan). This is a modified version of the 2015 AMSA progress report. Notably, this version now includes a draft introduction plus additional comments (for consideration) made by Norway and Canada after the identified comment submission period. Review and revise accordingly and note that the aim is to approve its final version at the PAME I-2015 meeting for submission to SAOs and the April 2015 Arctic Ministerial Meeting.*
- *2015 AMSA Progress Report (version 15 Nov 2014 and same version as sent to Arctic Council members on the 17th of Nov)*

*Background documents:*

AMSA - Status of Implementation (2013)

**Agenda item 4.12 - Shipping projects for inclusion in the PAME 2015-2017 Work Plan**

- ✓ PAME Shipping Matrix, draft 14 Jan. 2015
- ✓ *AC observer states shipping experts*
- ✓ *AIA project proposal on Indigenous use mapping*

**AGENDA ITEM 5 – Updating the Arctic Marine Strategic Plan**

- ✓ *Final draft AMSP-clean version (with brackets remaining) for Comment 18 January 2015*
- ✓ *Draft AMSP Tracked Version (showing changes) for Reference Only for Reference Only*
- ✓ *Cover letter-Arctic Marine Strategic Plan 18 Jan*

*Background document:*

2004 Arctic Marine Strategic Plan (AMSP 2004)

**AGENDA ITEM 6 – Framework for and Arctic MPA network**

- ✓ Framework for a Pan Arctic MPA Network – clean version 27 January - Please note that the MPA co-leads recommend that this version be used for the discussions at PAME I-2015
- ✓ Framework for a Pan Arctic MPA Network – comments and explanations, version 27 January
- ✓ Framework for a Pan Arctic MPA Network - Clean copy (version 18 December)
- ✓ Framework for a Pan Arctic MPA Network - With Track Changes (version 18 December)
- ✓ MASTER Template with national info for pan-Arctic MPA Network - for Annex
- ✓ WWFs MPA project proposal (also refer to agenda item 10)

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

- ✓ *Revised draft ToR for the joint EA-EG (version 14 Jan): The aim is to seek agreement on the ToR for submission to SAOs for their approval.*
- ✓ *Draft EA work plan items 2015-2017 for your review and comments: The aim of the meeting is to seek approval of these work items for inclusion into the PAME Work Plan 2015-2017*
- ✓ *Draft EA Progress Report*
- ✓ *Draft prospectus 5th EA workshop*

*Background document:*

EBM Workshop Report (December 1st 2014 - Trondheim, Norway)

EBM responses from AMAP, PAME, CAFF, SDWG.

**AGENDA ITEM 8 – Follow-up on the 2009 Arctic Offshore Oil and Gas Guidelines (AOOGG) and OGA**

- ✓ 8.2: *Project proposal and draft work plan on Meaningful Engagement of Indigenous Peoples and Local Communities in Marine Activities (this has already been sent by Dennis Thurston to the Oil and Gas contact group and the Shipping expert group)*

8.2: Oil and Gas Matrix based on AC recommendations

*Background document:*

Arctic Council Offshore Oil and Gas Guidelines (2009)

**AGENDA ITEM 9 – Arctic Council Recommendations, PAME Follow-up Matrix**

PAME Follow-up Matrix, version January 2015.

*Background documents:*

2004 Arctic Marine Strategic Plan (AMSP 2004)

2013 Arctic Ocean review (AOR) Final Report

**AGENDA ITEM 10 – Final Draft PAME Work Plan 2015-2017**

- ✓ Revised draft PAME work plan 2015-2017 items for SAO-Ministerial report - version 18 Jan 2015 (short version)
- ✓ Revised draft PAME work plan 2015-2017 items for SAO-Ministerial report - version 18 Jan 2015 (long version)
- ✓ Annotation to agenda 10

*WWFs project proposals*

- ✓ WWFs MPA project proposal (also for agenda 6-MPA)
- ✓ WWFs joint EPPR/PAME EA project proposal (also for agenda 7-EA)
- ✓ Annotation to the two WWFs project proposals

**AGENDA ITEM 11 – Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)**

- ✓ 1st draft PAME Summary of achievements for SAO Report to Ministers
- ✓ Draft template for the SAO Report to Ministers

**Additional Information**

- ✓ *PAME I 2015 - Hotel and logistics*
- ✓ *PAME-II 2014 RoDs*
- ✓ *List of PAME I-2015 Meeting Participants version 27 January 2015*
- ✓ *PAME Work Plan 2013-2015*
- ✓ *List of PAME Expert Groups - version 27 January 2015*
- ✓ *List of Documents (30 January version)*
- ✓ *List of restaurants in Akureyri (in walking distance from KEA Hotel)*
- ✓ *Directions to Monday's reception and information for Tuesdays excursion*