

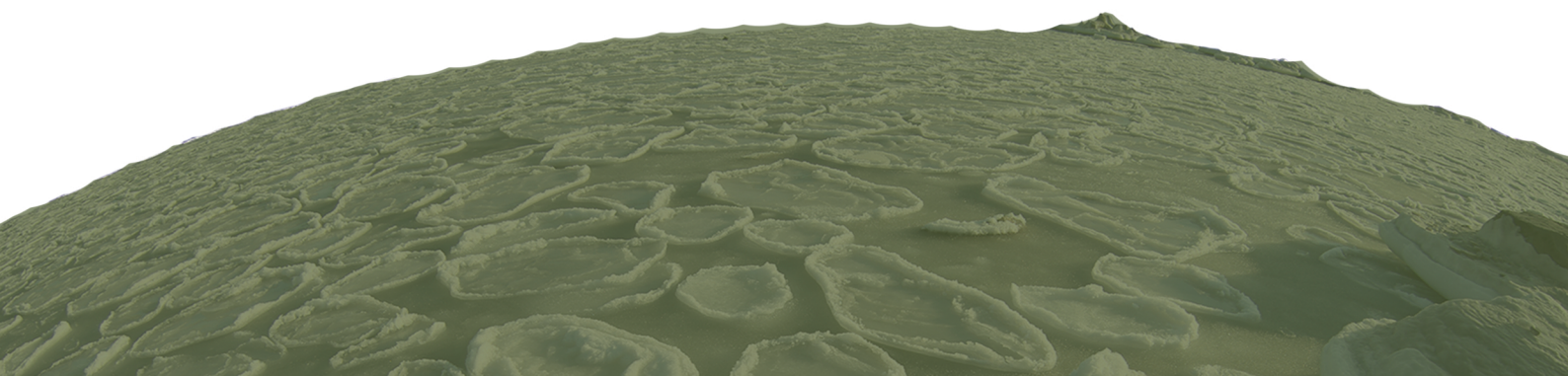


PAME-II 2014

16th-18th SEPTEMBER

WHITEHORSE, YUKON, CANADA

WORKING GROUP MEETING REPORT





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RECORD OF DECISIONS AND FOLLOW-UP ACTIONS

Opening of the Meeting

The Meeting was opened jointly by the PAME Chair, Hugi Olafsson and AMAP Chair, Morten S. Olsen and received a traditional blessing by a First Nation representative, Betsy Jackson. Opening remarks were delivered by Bob Van Dijken/Arctic Athabaskan Council representative to AMAP, on behalf of Grand Chief Ruth Massie of the Council of Yukon First Nations.

The Meeting thanks the Government of Canada and the Government of Yukon for hosting the PAME II-2014 meeting in Whitehorse, Yukon, Canada.

The Meeting thanks the Canadian SAO, Susan Harper for her welcoming remarks and information on the Canadian Chairmanship's roadmap, including major milestones and reporting requirements for inputs to the SAO Report to Ministers 2015.

Information from the Chair and Secretariat (Agenda Item 3)

The Meeting took note of the main milestones and timeline up to the 2015 Ministerial meeting:

- ✓ *15 December 2014: a first draft of Working Groups' input for the 2015 SAO Report to Ministers*
- ✓ *3-5 March 2015: SAO meeting*
- ✓ *1-2 April 2015: SAO/PPs executive meeting (TBC)*
- ✓ *24-25 April 2015: Ministerial Meeting*

Arctic Marine Shipping Assessment (Agenda Item 4)

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

- ✓ *PAME thanks Denis Hains, Director General of Canada's Hydrographic Service and Vice Chair of the Arctic Regional Hydrographic Commission (ARHC), for his presentation on the status of Arctic hydrography and nautical charting on behalf of the ARHC. PAME acknowledges the important contributions that the ARHC is making towards safe, efficient and environmentally sound navigation in the Arctic. PAME looks forward to ongoing cooperation and information exchange with the ARHC and invites regular updates from the ARHC on the status of Arctic hydrography and charting.*
- ✓ *PAME decides to explore how it might support ARHC by facilitating the provision of hydrographic and bathymetric data.*
- ✓ *PAME invites member governments, Permanent Participants, and member organizations to share information with the ARHC on areas of indigenous marine use that may be of interest to the ARHC.*
- ✓ *PAME thanks Dr. Lawrence Hildebrand from the World Maritime University for his presentation on 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. PAME requests the co-chairs of its shipping experts group through the PAME Secretariat to*

maintain ongoing communications with Dr. Hildebrand on the planning of the Conference.

- ✓ *PAME thanks IALA for its paper on “Possible Cooperation Between PAME and IALA”. PAME member governments discussed the paper at length and positively responded to the idea of closer cooperation. PAME invites member governments to submit their views to PAME I-2015 on the specific areas of proposed cooperation identified in the IALA paper.*
- ✓ *PAME requests the Secretariat to invite a representative of the International Chamber of Shipping (ICS) to make a presentation at PAME I-2015 on Arctic shipping operations and challenges.*
- ✓ *PAME requests the Secretariat to invite BarentsWatch to make a presentation at one of PAME’s 2015 meetings.*

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

- ✓ *PAME encourages member governments to maintain their ongoing positive collaboration with respect to the finalization of the Polar Code. PAME also encourages member governments to contribute to the timely development 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 thanks Norway for its leading role in proposing, pursuing and funding the HFO Project and in bringing the Project to a successful completion.*

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

- ✓ *PAME welcomes the first Arctic Marine Tourism Project (AMTP) Workshop Report (June 2014) and encourages member governments, PPs and other stakeholders to attend the second AMTP workshop on 16 October in Oslo. Canada will issue invitations by 22 September.*
- ✓ *PAME invites member governments to submit to PAME I-2015 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.*

4) AMSA II (B) – Engagement with Arctic Communities

- ✓ *Proposed project: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” (refer to Annex I):*
 - *PAME supports the proposal to develop the project with the working title of: “Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities” for approval at the PAME-I 2015 meeting.*

5) AMSA II (D) – Specially Designated Arctic Marine Areas

- ✓ *PAME thanks those member governments which submitted their views on whether, and if so how, international protection for the high seas area of the Central Arctic Ocean might be pursued by Arctic States at IMO. Noting the AMSA II(D) report’s self-acknowledged limitations on the present state of knowledge and the considerable uncertainty in some of its estimates, PAME member governments*

decided to take the following interim steps before pursuing any actions relevant to IMO:

- *Develop a paper that explores whether it would possible for IMO to establish dynamic areas to be avoided;*
- *Develop a paper that explores whether it would be possible for IMO to designate a PSSA located exclusively in the high seas;*
- *Develop a paper that 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.*
- *Continue to seek current ship traffic data from the high seas area of the Central Arctic Ocean.*
- ✓ *PAME decided to continue 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. The target project completion date is the end of 2016.*

6) AMSA II(F) – Oil Spill Prevention

- ✓ *PAME Chair to inform the Task Force on Oil Pollution Prevention (TFOPP) of relevant PAMEs work and encourages TFOPP to avoid duplicative initiatives and activities.*

7) AMSA II(H) – Reducing Air Emissions

- ✓ *PAME thanks Richard Holt and Lynn Lyons of Environment Canada for their presentation on “Assessing air quality impacts of ship emissions in the Canadian Arctic”.*
- ✓ *PAME invites member governments to submit 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. PAME invites its Secretariat to compile submissions received into a bibliography that among others is to be shared with AMAP.*
- ✓ *PAME invites Norway to submit regular updates on IMO’s work with respect to black carbon.*

8) AMSA III(A) – Addressing the Infrastructure Deficit

- ✓ *The US will provide an update/short paper and presentation to PAME I-2015 providing current information taken from IMO's GISIS Port Reception Facility database (PRFD) on Arctic and Near Arctic countries.*

9) AMSA III(B) – Arctic Marine Traffic Systems

- ✓ *PAME accepts the USA’s offer to prepare for PAME I-2015 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. The template envisioned would identify specific elements (i.e. number and type of ships, ship flag, ports of call, existing ship routes, etc.) that would be requested. The objective would be a consensus template that would guide the submission of this information on a recurring basis.*

- ✓ *PAME accepts 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.*
- ✓ *PAME invites the Secretariat to contact all other Arctic Council Working Groups and inquire as to their interest in or need for satellite AIS information.*

10) Other Items

- ✓ *PAME invites the Secretariat to reach out to Arctic Council Observer States to request shipping expert contact information.*
- ✓ *PAME invites member governments, Permanent Participants, and observers to submit comments to the USA on the September 3rd draft of the 2013-2015 AMSA Progress Report by 30 October. The USA will incorporate comments received and circulate to member governments no later than 15 November. Member governments are requested to review the revised draft by 1 February 2015 with the goal of approval at PAME I-2015 for submission to SAOs and the Arctic Ministerial meeting.*
- ✓ *PAME invites member governments, Permanent Participants, and observers to submit to Canada high-resolution photos (of AMSA relevant scenes) by 1 February 2015 for possible inclusion in the 2013-2015 AMSA Progress Report.*
- ✓ *PAME invites its Secretariat to circulate a reformatted draft follow up matrix to member governments, Permanent Participants and observers for review and comment by 30 October. Comments are to be submitted to the USA which will address them and prepare a final draft for consideration by PAME I-2015.*
- ✓ *PAME identifies possible shipping related 2015-2017 work plan ideas as per Annex I.*

Developing a new Arctic Marine Strategic Plan (2015-2025) (Agenda item 5)

- ✓ *PAME welcomes the summary reporting by the co-leads on the main outcomes of the 2nd workshop for the revision of AMSP which was held 15th of September 2014 and agrees to the proposed process to finalize the revision of AMSP (2015-2025) for submission to the 2015 Ministerial meeting as follows:*
 - *Written comments from workshop to be submitted to the PAME Secretariat ASAP or by Tuesday the 23rd of September.*
 - *New version will be distributed to PAME and other Arctic Council working groups by mid-October.*
 - *Comments are due by Monday the 24th of November.*
 - *Final draft version to be distributed by 15th of December.*
 - *Seek approval of a final version of the revised AMSP at the PAME I-2015 meeting for submission and approval by SAOs and 2015 Ministerial meeting.*

Framework for an Arctic MPA network (Agenda item 6)

- ✓ *The Meeting thanks the Arctic Marine Protected Areas (MPA) Network expert group, co-led by Canada, Norway, and the US, for its progress to date and looks*

forward to receiving the outcomes from the Pan-Arctic MPA Framework project meeting to be held on Friday the 19th of Sep.

- ✓ *The Meeting agrees to the proposed process to finalize the Framework for a MPA Network project for submission to the 2015 Ministerial meeting as follows:*
 - *Written comments from workshop to be submitted to the co-leads by 23rd of September.*
 - *New version will be distributed to PAME and other Arctic Council working groups by mid-October.*
 - *Comments are due by Monday the 24th of November.*
 - *Final draft version to be distributed by 15th of December.*
 - *Seek approval of a final version of the Pan-Arctic MPA Framework project at the PAME I-2015 meeting for submission and approval by SAOs and the 2015 Ministerial meeting.*
- ✓ *PAME thanks Finland for presenting the summary of outcomes of the Arctic Regional EBSA workshop held in Helsinki 3-7 March 2014.*

Ecosystem Approach (Agenda item 7)

- ✓ *PAME welcomes the progress report on the work of the Ecosystem Approach expert group (EA-EG) and noted the importance of making this a joint group with active participation of other Arctic Council working groups (AMAP, CAFF and SDWG in particular). PAME Chair/Secretariat to contact the other working groups to encourage their active participation.*
- ✓ *PAME welcomes the report from the 4th EA workshop in Vancouver 16-18 June 2014 and notes the progress on development of Integrated Ecosystem Assessment (IEA) for the Barents Sea and the recommendation to develop a transboundary EA/IEA pilot project in the Beaufort Sea LME.*
- ✓ *PAME welcomes the planning of a 5th EA workshop on the topic of setting ecological objectives and notes the importance of a planning group being established with participation of other Arctic Council working groups (AMAP, CAFF, SDWG) and Permanent Participants. Plans for the workshop will be presented for approval at the next PAME meeting (PAME I-2015).*
- ✓ *PAME welcomes the draft Terms of Reference (ToR) for the EA-EG and agrees that these should be sent now by the PAME secretariat to the other Arctic Council WGs (AMAP, CAFF, SDWG) for their consideration and comments by 15th of November. An updated version of the ToR will be prepared by the EA co-leads for approval at the PAME I-2015 meeting.*
- ✓ *PAME notes that the membership of the EA-EG should be broadened to include an active network of experts on EA including IEA, ecological objectives and ecosystem evaluation. PAME representatives are encouraged to coordinate nominations of experts with their national representatives to ensure an adequate breadth in expertise of nominated members to the EA-EG. Nominations should be sent to the PAME secretariat by 15 December 2014.*
- ✓ *The EA co-leads, in cooperation with the EA-EG members, to develop items for consideration at PAME I-2015 for inclusion in the PAME 2015-2017 Work Plan.*

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

Oil and Gas Contact Group

- ✓ *Member states are requested to confirm and submit additional names as needed for participation in the Oil and Gas Contact Group, considering identified future work by 15th of November.*
- ✓ *In response to relevant AOR recommendations, the Oil and Gas Contact Group suggests that invitations could be extended to international organizations to attend future PAME meetings to make presentations on offshore oil and gas issues of relevance to PAME's work.*
- ✓ *PAME supports the proposal to develop the project with the working title of: "Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities" for approval at the PAME-I 2015 meeting. (refer to Annex I).*

Arctic Offshore Oil and Gas Regulatory Resource (Website)

- ✓ *The PAME Secretariat introduced the redesigned website and reminded countries of the commitment to review their web-links and supply updated information for the Arctic Offshore Oil and Gas Regulatory Resource (Website) to the PAME Secretariat.*

Work Plan idea proposals

- ✓ *The Oil and Gas Contact Group is to consider possible updates to the AOOGG 2009 (Chapters 4 and 6), for PAME I-2015 meetings consideration for inclusion to the 2015-2017 PAME Work Plan.*
- ✓ *The Oil and Gas Contact Group will respond as appropriate to AMSP Strategic actions and 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 to further refine and modify 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 II-2014 and revise for PAME I-2015 meeting consideration.*

PAME Deliverables for the 2015 Ministerial

The SAO Report will be divided into two parts: a work plan for 2015-2017 and a report on 2013-2015 achievements. The Meeting agreed to the following process and timeline:

PAME Work Plan 2015-2017 (Agenda Item 11)

- ✓ *PAME Chair and Secretary to prepare a 1st draft of the PAME 2015-2017 Work Plan, based on the discussions at this Meeting and the proposed activities as listed in Annex I by 1st of October.*
- ✓ *PAME members to provide comments and indications/confirmations on leads for the continuation of existing PAME activities, proposals for new projects/activities and lead responsibilities by 1st of November.*

- ✓ *PAME Secretariat to send revised draft based on comments to PAME members on 7th of November with deadline for comments by 25th of November.*
- ✓ *PAME Chair/Secretariat to submit the revised draft PAME 2015-2017 Work Plan for submission to the Arctic Council process by the 15th of December deadline as provided by the Arctic Council chairmanship.*
- ✓ *Revised draft PAME 2015-2017 Work Plan to be sent out prior to the PAME I-2015 meeting for review and agreement for submission to SAOs and Ministerial meeting.*

Report on 2013-2015 Achievements

- ✓ *PAME Chair and Secretary to distribute 1st draft PAME 2013-2015 achievements for the SAO Report to PAME members by 1st of November with a deadline for comments by end of November. This revised draft will be submitted to the Arctic Council chairmanship by the 15th of December 2014 as per this request.*
- ✓ *Final draft PAME contributions to the SAO Report and the 2013 Ministerial Declaration distributed in January 2015 for comments and final approval at the PAME I-2015 meeting.*

Proposed preliminary list of deliverables to the 2015 Ministerial as follows:

- ✓ *3rd AMSA Implementation Progress Report for the period 2013-2015.*
- ✓ *Final report on the Arctic Marine Tourism Project (AMTP).*
- ✓ *Project plan for developing a draft regional reception facilities plan specific to one or more regions of the Arctic taking into consideration relevant circumstances (possible inclusion as a part of the 2015-2017 PAME Work Plan).*
- ✓ *Final report on the Framework for a Pan-Arctic Marine Protected Area (MPA) Network project - Recommendations.*
- ✓ *Final revised Arctic Marine Strategic Plan (AMSP) for the period 2015-2025.*
- ✓ *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, and ecosystem experts in their delegations to the PAME I-2015 meeting.*
- ✓ *The Meeting requests the PAME Chair to present status and progress to the upcoming SAO meeting 21-23 October 2014 on the updating of the AMSP (2015-2025), AMTP and MPA Framework projects to include the timeline and main milestones to finalize these projects for submission to the 2015 Ministerial meeting. The PAME Chair will also provide the SAOs with a list of potential Ministerial deliverables.*
- ✓ *The location of the next PAME Meeting will be in Akureyri, Iceland 3-5/6 Feb 2015.*

PAME 2015-2017 Work Plan Idea Proposals

PAME identifies the following as possible shipping related 2015-2017 work plan ideas:

- ✓ *The working group will continue to pursue opportunities for updating the Arctic ship traffic data contained in the AMSA report for use in studies, assessments, trend analyses, and the development of recommendations that enhance Arctic marine safety and support protection of Arctic people and the environment;*
- ✓ *The working group will develop a draft/proposed Regional Reception Facilities Plan (RRFP) for consideration and potential action at IMO by member governments;*
- ✓ *PAME will explore how best it could use information it compiles on emissions (especially black carbon) from ships in the Arctic and their effects on the marine environment, including in cooperation with other working groups;*
- ✓ *PAME will provide AMSA Shipping Progress Implementation Report for submission to the Arctic Council Ministerial meeting in 2017; (This report will also address progress on other Arctic Council shipping mandates and recommendations).*
- ✓ *PAME will explore approaches for analyzing and making available any shipping data submitted pursuant to the PAME II-2015 ROD under AMSA III (B) by member governments with the objective of promoting safe and sustainable shipping in the Arctic.*

AMSA II(B) Recommendation and Updating of the AOOGG 2009:

Proposed project: "Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities."

- ✓ *PAME supports the proposal to develop the project with the working title of: "Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities" for approval at the PAME-I 2015 meeting.*
- ✓ *The Oil and Gas Contact Group in conjunction with the Shipping Expert Group will develop a plan for this project which, as a first step, will compile existing Arctic Council recommendations, National and regional legislation and regulations, guidance from communities, industries and NGOs, and case studies of best practices for engagement of Arctic Indigenous Peoples and Local Communities in marine activities.*
- ✓ *This project will address the AMSA II(B) recommendation and updating of the AOOGG 2009 by assessing the need for further guidance. Aleut International Association and the United States agree to co-lead and welcome additional co-leads.*

ANNEX I – LIST OF PARTICIPANTS

Family name	First name	Department Ministry /	Country / Organization	E-mail
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ANNEX II - MEETING AGENDA

The PAME Working Group meeting (PAME II-2014) was held at the facilities of Kwanlin Dün Cultural Centre in Whitehorse, Yukon, Canada 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.

MONDAY, September 15

09:00-17:00

2nd AMSP Workshop (meeting room: Artist Studio)

- ✓ *The 2nd workshop in support of updating the Arctic Marine Strategic Plan (AMSP) (Letter of Invitation and workshop agenda sent out in a separate email (sent out 21st of July)).*

11:00-17:00

PAME Shipping Expert Group pre-meeting (meeting room: Classroom A)

- ✓ *The PAME shipping Expert Group pre-meeting session is from 11:00-17:00 and a joint session with the AMSP Workshop from 13:00-14:00. The agenda will be the items under Agenda Item 4 below with particular focus on the items marked with ** to include the following activities:*
 - *Status and relevance to the shipping work of the Arctic Council Task Forces on TFOPP and TFOBCM.*
 - *Develop a timeline to finalize the 2013-2015 AMSA Implementation Progress Report (as per agenda item 4.9(b))*
 - *Draft update for follow-up shipping Matrix for AMSA, AOR and other Arctic Council Reports (as per agenda item 4.10(a))*
 - *Discussions on submitted proposals for shipping projects for possible inclusion to the PAME 2015-2017 Work Plan (as per agenda item 4.10(b))*

TUESDAY, September 16

08:30-09:00

Item 1: Opening of the Meeting

- ✓ *Joint introduction by WG chairs Hugi Olafsson and Morten S. Olsen*
- ✓ *Traditional blessing by First Nation representative*
- ✓ *Opening remark by a representative of the Council for Yukon First Nations (CYFN, member of AAC)*
- ✓ *Welcome by Canadian SAO Susan Harper*

09:00-12:00

Item 2: Introduction and Adoption of the Agenda

Item 3: Information from the Chair and the Secretariat

- 3.1 *Outcome from the March 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 *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

- a) *Paper submitted by the International Association of Lighthouse Authorities (IALA) on collaboration opportunities with PAME in areas of common interest. ***
- b) *Presentation by Dr. Lawrence Hildebrand from the World Maritime University (WMU) Sweden on the status of plans for the international conference cosponsored by the WMU, IMO and PAME/Arctic Council on “Safe and Sustainable Shipping in a Changing Arctic Environment” (10-15 min).*
- c) *Presentation by Director General of Canada’s Hydrographic Service, Mr. Denis Hains on behalf of the Arctic Regional Hydrographic Commission (ARHC) on status of Arctic hydrography and nautical charting; also discuss opportunities for further collaboration between ARHC and PAME (30 min).*
- d) *Discussions and next steps.*

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

- a) *Summary of a paper submitted by member governments on the status of the Polar Code. ***
- b) *Discussion of submissions by member governments on any discrete marine areas that would benefit from a more detailed risk analysis that would also take into consideration areas of heightened ecological and cultural significance and such other elements that may be appropriate (e.g. age of ships) (based on the final HFO Phase II and IIb reports). ***

- ✓ *Reports/presentations by Member Governments on their Submissions (Norway, Canada, U.S. and other governments) (15 minutes)*

c) *Discussions and next steps.*

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

- ✓ *Update and status of the Arctic Marine Tourism Project (AMTP)*
- ✓ *Discussions and next steps.*

Theme II: Protecting Arctic People and the Environment

4.4 AMSA II(A) – Survey of Arctic Indigenous Marine Use (update as a part of the AMAP/PAME joint session)

4.5 AMSA II(B) – Engagement with Arctic Communities

- ✓ *Submissions by PAME members on shipping industry engagement with Arctic coastal communities. ***
- ✓ *Discussions and next steps.*

13:00-15:00

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

- a) *Summary of submissions by member governments on their views of the final AMSA II(D) report recommendations and to indicate whether, and if so how, international protection for the high seas area of the Central Arctic Ocean might be pursued by Arctic States at IMO. ***
- b) *Summary of the work plan/project plan for developing a draft regional reception facilities plan specific to one or more regions of the Arctic taking into consideration relevant circumstances (e.g. nature and composition of shipping traffic and practicality of disposal of ship waste in Arctic communities) (USA and Russian Federation). ***
- c) *Discussions and next steps*

4.7 AMSA II(F) – Oil Spill Prevention

*Refer to agenda item 3.3 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) *Refer to agenda item 3.3 as a part of the report from the PAME Secretariat on the status of the Arctic Council Task Force on Black Carbon and Methane. ***
- c) *Presentation by Richard Holt, Environment Canada, on "Assessing air quality impacts of ship emissions in the Canadian Arctic" (30 min including Q and A)*

Theme III: Building the Arctic Marine Infrastructure

4.9 AMSA III(A) – Addressing the Infrastructure Deficit

- a) *Member states to Inform on the progress to populate and regularly update IMO's GISIS database on all Arctic and near Arctic ports and port reception facilities and explore ways to bring the issue of identifying Arctic ports within GISIS to the attention of IMO. ***
- b) *1st revised draft of the 2013-2015 AMSA Implementation Progress Report (Canada, Finland and U.S.)*
 - ✓ *Summary by co-leads on progress to date and comments provided by participants.*
 - ✓ *Timeline to finalize for submission to the 2015 Arctic Council Ministerial meeting.*
 - ✓ *Discussions and next steps.*

4.10 Other Shipping issues:

- a) Draft update for follow-up shipping Matrix for AMSA, AOR and other Arctic Council Reports
- b) Discussions on submitted proposals for shipping projects for possible inclusion to the PAME 2015-2017 Work Plan

15:15-17:00

Item 5: Updating the Arctic Marine Strategic Plan (to be addressed in the Joint AMAP/PAME agenda)

- ✓ *Summary of the 4th draft revised AMSP (Canada).*
- ✓ *Discussions and next steps.*

Item 6: Report from the Marine Protected Areas (MPA) expert group

- a) *Update and status of the draft MPA Framework report (USA).*
- b) *Discussion and next step, including additional discussion at the Pan-Arctic MPA Framework project meeting on Friday the 19th of Sep.*
- c) *Summary report on outcomes from the Arctic Regional EBSA workshop held in Helsinki 3-7 March 2014 (Finland)*

WEDNESDAY, September 17

09:00-11:00

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

- ✓ *Progress report on the work of the Ecosystem Approach expert group (EA-EG) including the draft ToR for the EA-EG and the outcomes of the 4th EA Workshop held in Vancouver, Canada 16-18 June 2014*
- ✓ *Discussion and planning of the 5th EA workshop*
- ✓ *Discussion and next steps.*

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

- 8.1 *Concept paper by the Oil and Gas Contact Group on a possible project to follow up or expand guidance of the 2009 Arctic Offshore Oil and Gas Guidelines and other Arctic Council documents on engagement of Arctic Communities and Indigenous Peoples in offshore oil and gas activities.*
- 8.2 *Presentation of the Arctic Council Oil and Gas Recommendations Matrix*
- 8.3 *Refer to agenda item 3.3 as a part of the report from the PAME Secretariat on the status of the Arctic Council Task Force on Arctic Marine Oil Pollution Prevention (TFOPP)*
 - ✓ *Discussions and next steps, including inclusions into the 2015-2017 Work Plan*
- 8.4 *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*

11:00-15:00

Item 10: Joint AMAP/PAME sessions (co-chaired by AMAP and PAME Chairs)

11:00-12:00

1. *Brief overview by WGs of the most significant pending (and perhaps proposed) projects so that the other WG could see where there may be opportunities for cooperation, coordination, and collaboration:*
 - a. *Mandate of AMAP and ongoing work (10 min)*
 - b. *Mandate of PAME and ongoing work (10 min)*
 - c. *Discussions/Questions (15 min)*
2. *Ecosystem-based management approach:*

- a. *Integrating EA in AC work: follow-up to the EA Recommendations (PAME and AMAP)*
- b. *Role, mandate and plans of the PAME-led EA expert group (USA and Norway co-leads)*

13:00-15:00

3. *Selected WGs projects with synergies and opportunities for collaboration:*
 - a. *Updating of the Arctic Marine strategic Plan (AMSP co-leads – PAME agenda item 5)*
 - b. *Adaptation Actions for a Changing Arctic (Part C): Status, next steps and needs for PAME input (AMAP)*
 - c. *Arctic Marine Tourism Project (AMTP)(PAME/Canada)*
 - d. *Arctic Ocean Acidification (AMAP)*
 - e. *Arctic Council Initiative on Promoting Traditional knowledge Initiative (Jim Gamble, AIA/Jutta Ward, SDWG Chair).*
 - f. *Presentation on other cross-cutting SDWG work:*
 - *Arctic Human Development Report II (Jutta Wark)*
 - *Arctic Adaptation Exchange: Facilitating Adaptation to Climate Change (Rebecca World and Stephen Roddick, Yukon Government Climate Change Secretariat)*
 - *Arctic Human Health Expert Group (AHHEG) (Jutta Wark)*
4. *Any other business – Demonstration of the Open Access Archive Project by the Arctic Council Secretariat*

15:15-17:00/18:00: PAME Breakout sessions: *to finalize relevant documents and prepare draft RoDs for further discussion and agreement under Agenda Item 11*

15:15-17:00: Continue AMSA breakout session, if needed.

15:15-17:00: EA breakout session

17:00-18:00: HSE breakout session [need to move this session to another time due to rescheduling of the reception]

17:30-19:30: Joint PAME/AMAP reception *hosed by the Government of Yukon, McBride Museum Courtyard (heated tent).*

THURSDAY, September 18

09:00-14:00/16:00

Outstanding issues from previous days:

- ✓ *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*

Item 11: Draft PAME Work Plan 2015-2017 (initial discussions)

- ✓ Discussion on the objectives and possible activities/projects
- ✓ New projects proposed by Member Countries and others
- ✓ Indications/confirmations on leads on proposed 2015-2017 PAME activities
- ✓ Tour de Table and agreement on a timeline for the development of the PAME Work Plan

Item 12: Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)

- ✓ *The PAME Progress Report and deliverables to the SAO meeting 21-23 October 2015 in Yellowknife, Canada (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 (Feb 2015, to be confirmed).*

Item 13: Any other business and closing of the Meeting

End of PAME II-2014 Meeting at 14:00/16:00

ANNEX III - LIST OF DOCUMENTS

AGENDA ITEM 2 - Draft agenda with timeline, version 11 September 2014

AGENDA ITEM 3 – Information from the Chair and Secretariat

- ✓ 3.2 and agenda 12: Draft template and timeline for the SAO Report to Ministers
- ✓ 3.2 and agenda 12: Reporting, deliverables and milestones for the 2015 Ministerial
- ✓ 3.3: Information from the PAME Secretariat on cross-cutting activities

Background documents:

SAO Meeting Report, Yellowknife, March 26-27, 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(a): *Cooperation proposal from IALA for PAME II-2014*
- ✓ 4.1(a): *Background information IALA Providing services in Polar Regions*

Agenda item 4.2 – AMSA I(B): IMO Measures for Arctic Shipping

- ✓ 4.2(a): *Status of the Polar Code submitted by Canada, Norway, the Kingdom of Denmark and the United States*
- ✓ 4.2(b): *USA paper on identifying a discrete geographic area for additional risk assessment under the HFO Phase II project.*
- ✓ 4.2(b): *HFO Phase II response submitted by Canada*

Background documents:

Report on: Heavy Fuel Oil in the Arctic (Phase II) Report

Report on: Heavy Fuel Oil in the Arctic (Phase IIb) Report

Agenda item 4.3 – AMSA I(D): Strengthening Passenger Ship Safety

Update and Status of the Arctic Marine Tourism Project submitted by Canada

Background documents:

1st AMTP Workshop, March 2014:

http://pame.is/images/03_Projects/Arctic_Marine_Shipping/Arctic_Marine_Tourism_Project/AMTP_Workshop_Report_March_2014.pdf

AMTP background and relevant documents:

<http://pame.is/index.php/projects/arctic-marine-shipping/arctic-marine-tourism-project-amtp-workshop-report>

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

- ✓ 4.6(a): *USA Views on Recommendations in DNV Report on “Specially Designated Marine Areas in the Arctic High Seas” (March 2014)*
- ✓ 4.6(a): *Annotation to USA paper*
- ✓ 4.6(a): AMSA II(D) report response submitted by Canada version 8 Sep
- ✓ 4.6(a): Submission by Iceland
- ✓ 4.6(a): Submission by Kingdom of Denmark
- ✓ 4.6(b): *Proposed project for the development of a Regional Reception Facilities Plan (RRFP) based on IMO Guidelines*
- ✓ 4.6(b): *Annotation*

Background documents:

Report on: Specially Designated Marine Areas in the Arctic High Seas

Agenda 4.8 – AMSA II(H): Reducing Air Emissions

- ✓ 4.8(a): Information from Norway on IMO's work related to Black Carbon
- ✓ Background information to agenda 4.8(a): Submission by Norway to IMO on specifics on Black Carbon

Agenda 4.9 – AMSA III(A): Addressing the Infrastructure

- ✓ 4.9(b): *2015 AMSA Progress Report - draft Sept 3 2014*

Agenda 4.10 – Other Shipping Issues

- ✓ 4.10(a): *Shipping related recommendation, follow up matrix*
- ✓ 4.10(b): Update of the AMSA Arctic Ship Traffic Data by USA
- ✓ 4.10(b): Appendix I-Update of the AMSA Arctic Ship Traffic Data by USA

AGENDA ITEM 5 – Updating the Arctic Marine Strategic Plan

AMSP Fourth Draft version 19 Aug 2014

Background document:

2004 Arctic Marine Strategic Plan (AMSP 2004)

AGENDA ITEM 6 – Framework for and Arctic MPA network

- ✓ 6(a): *Draft Framework for a Pan-Arctic MPA (version 14 August)*
- ✓ 6(b). *Draft Agenda for PAME MPA Workshop 19-Sept-2014*
- ✓ 6(c): Summary on outcomes from the Arctic EBSA Workshop, submitted by Finland

AGENDA ITEM 7 – Ecosystem Approach to Management

- ✓ Draft EA Progress Report
- ✓ Draft ToR for EA Group of Experts, version 1 Sep
- ✓ Draft EA road map with comments by Norway

Background document:

4th Ecosystem Approach to Management Workshop Report: Intergrated Ecosystem Assessment (IEA) Understanding National Approaches and Reviewing Progress on IEA in Arctic LMEs straddling national boundaries: The Beaufort and Barents Seas

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

- ✓ *8.1: Concept Paper on Meaningful Engagement of Local Communities and Indigenous Peoples*
- ✓ *8.1: U.S. comments on the Concept Paper*
- ✓ *8.1: Canada comments on the Concept Paper*
- ✓ *8.1: Annexed table to Concept Paper*
- ✓ *8.1: Annotation*
- ✓ *8.2: Table with Arctic Council Oil and Gas Recommendations (PDF)*
- ✓ *8.2: Table with Arctic Council Oil and Gas Recommendations (Excel)*
- ✓ *8.4: MRE website update and status*

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

- ✓ Arctic Council recommendations – PAME Matrix/working document

Background document:

Arctic Marine Strategic Plan (AMSP 2004)

2013 Arctic Ocean review (AOR) Final Report

AGENDA ITEM 10 - Joint AMAP/PAME Session

Session 2(a) EBM responses from AMAP PAME CAFF SDWG (version 20 August 2014)

Session 3 (a): AMSP Fourth Draft (version 19 August 2014) – Refer to PAME agenda item 5

Session 3(b): AACCA Pan-Arctic report outline

Session 3(b): AACCA Status and challenges

Session 3(e): TK Principles/SDWG

AGENDA ITEM 11 – Draft PAME Work Plan 2015-2017 (initial discussion)

Please note that the following information paper applies for all PAME agenda items/activities with reference to the aim of this meeting.

- ✓ 11: process and timeline to develop the PAME Work Plan 2015-2017

Additional Information

- ✓ *List of PAME experts/contacts and groups, version 11 Sep*
- ✓ *PAME II-2014 announcement and logistical information*
- ✓ *PAME II-2014 meeting location, map with directions*
- ✓ *List of Participants, version 11th of Sep*
- ✓ *PAME-1 2014 RoDs*

- ✓ *PAME Work Plan 2013-2015*
- ✓ List of Documents, version 11 Sep
- ✓ Whitehorse – sites attractions
- ✓ Whitehorse - restaurants
- ✓ *Air North Promo Code to Whitehorse*