



# PAME-I 2016

FEBRUARY 1<sup>st</sup> - 3<sup>rd</sup>  
STOCKHOLM - SWEDEN

## WORKING GROUP MEETING REPORT

**PAME**  
Protection of the Arctic Marine Environment



# **PAME I-2016 MEETING REPORT**

## **CONTENT**

- ✓ Records of Decisions and Follow-up Actions
  
- ✓ Annex I - List of Participants
  
- ✓ Annex II - Meeting Agenda
  
- ✓ Annex III - List of Documents



## RECORD OF DECISIONS AND FOLLOW-UP ACTIONS

**PAME I-2016 (1-3 February 2016)**

**Stockholm, Sweden**

### Opening of the Meeting

*PAME thanks Sweden for hosting this meeting and notes with appreciation the welcoming remarks from the Swedish SAO, Ambassador Andrés Jato and the Director at the Section for Natural Resources at the Ministry of Environment and Energy, Mr. Stefan Berggren.*

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

*PAME took note of:*

- ✓ *the reflections and outcomes from relevant Arctic Council meetings including the Executive SAO meeting 19 October, the SAO meeting 20-22 October 2015, the meeting of the Arctic Council SAO Chair with working groups chairs and secretaries 16 December 2016 and the Task Force on Marine Cooperation (TFAMC) as summarized by the PAME Chair, Renée Sauvé; and the Scientific Cooperation Task Force (SCTF) as summarized by the PAME vice-chair, Elizabeth McLanahan.*
- ✓ *outcomes from international meetings of relevance to PAME i.e. the 2015 Paris Climate Conference (CoP 21) and the Sustainable Development Goals adopted on 25 September 2015, in particular Goal 14: “Conserve and sustainably use the oceans, seas and marine resources.”*
- ✓ *SDWG’s seven recommendations for the Integration of Traditional and Local Knowledge (TLK) and will integrate TLK into its work by using the checklist as adopted by the SAOs when developing new project proposals.*

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

*PAME notes the status update on the inventory mapping of existing Arctic MPAs project (joint effort by the PAME and CAFF and Secretariat) and agreed to the revised timeline to finalize Phase 1*

- ✓ *January-March 2016: Prepare 1st draft summary report on marine protected areas indicator. The aim is a short and concise visual document directed towards policy and decision makers that indicate status and trends regarding marine protected areas in the circumpolar Arctic (Building upon CAFF’s protected Area indicator for the Arctic).*

- ✓ *April 2016: Send out draft summary indicator report for review and comments by member states for the September working group meetings.*
- ✓ *June 2016: Agree on the final version of the summary indicator report and request approval to release of datasets.*
- ✓ *June –Aug 2016: Release harmonized dataset and indicator report.*

*Phase 2 of the joint effort by the PAME and CAFF Secretariats will contribute to the US-led “Desktop study on area-based conservation measures and its linkages to categories of Arctic marine biodiversity ‘Toolbox’” to include the following:*

- ✓ *Contribute to the preparations and planning for the 1<sup>st</sup> MPA connectivity workshop (Sep 2016)*
- ✓ *Synthesize the outcomes of the workshop to contribute to connectivity mapping and analysis exercise and contribute to the workshop report.*

*PAME requests member states to provide comments to the USA by February 12 on the revised/merged PAME/CAFF proposal for the IUCN World Conservation Congress which will take place in Hawaii 1-10 September 2016. The USA will coordinate comments with CAFF and re-submit the revised proposal to IUCN per their deadline.*

*PAME appreciates the update by the USA on the “Desktop study on area-based conservation measures and its linkages to categories of Arctic marine biodiversity ‘Toolbox’” project and requests that the USA provide an updated project description including more detailed information on the two proposed connectivity workshops by February 29 for review by PAME with deadline to submit comments by March 21.*

*PAME, in support of the ‘Toolbox’, requests examples of area-based conservation measures and a description of how they are used to address pressures and threats to habitats and species by March 18.*

*PAME requests recommendations of scientific experts (including government, indigenous peoples, academia, international organizations, and others) for participation in the 1<sup>st</sup> and 2<sup>nd</sup> connectivity workshops by March 30.*

*PAME recommends that the 1<sup>st</sup> connectivity workshop to identify and vet models for migratory species and larval dispersal, be held 22-23 September 2016 on the east coast of the USA.*

*PAME recommends that the 2<sup>nd</sup> connectivity workshop integrating 1<sup>st</sup> workshop models with climate change and reviewing management tools for protecting connectivity, be held in the October/November 2016 timeframe.*

*PAME requests the PAME Secretariat to liaise with the CAFF Secretariat to convey the status of, and invite the cooperation of CAFF, in the MPA activities and workshops. PAME Heads of Delegations are also encouraged to reach out to their respective CAFF Heads of Delegations.*

*PAME notes the information by Sweden that OSPAR is looking into the possibilities of arranging a workshop on challenges of area based management and MPAs in a changing environment and requests Sweden to provide more information regarding the possibilities for cooperation at PAME II- 2016.*

*PAME thanks WWF for presenting the outcomes from the WWF/ICC workshop on management options for the “Last Ice Area”, held in January 2016 in Iqaluit. PAME notes the relevance of transboundary discussions regarding shared Arctic areas to the Pan-Arctic MPA Framework.*

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

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

*PAME requests the Secretariat to invite input from other Arctic Council Working Groups by 1 June 2016 on the paper titled “Closer Cooperation and Collaboration between PAME and IALA”, PAME (I)/16/5.1/A. Taking into account any input received, PAME invites the USA to submit to PAME II-2016 a proposed draft project plan that sets forth issues of common interest on which IALA, PAME and, if requested, other Arctic Council working groups, can collaborate to advance safe and environmentally sound Arctic shipping.*

*PAME thanks Michael Kingston of the Marine, Trade & Energy Group, DWF LLP for his presentation on the role of marine insurance in support of the Polar Code, and invites him to work with the Shipping Expert Group to submit a paper to PAME II-2016 elaborating upon his proposal for an “Arctic Shipping Best Practices Information Forum.”*

*PAME requests the Secretariat to invite a representative of the Arctic Coast Guard Forum to make a presentation at PAME II-2016 on its mandate and mission as well as on issues of common interest between the two groups.*

*PAME requests the Secretariat to invite a representative of the Arctic Economic Council’s Working Group on Maritime Transportation to make a presentation at PAME II-2016 on its mandate, projects and activities as well as on issues of common interest between the two groups.*

*PAME requests the Secretariat to invite the Arctic Regional Hydrographic Commission (ARHC) to submit a report to PAME II-2016 on its recent work, including any further developments on Arctic Voyage Planning Guides and ARHC plans to develop a marine spatial data infrastructure for the Arctic.*

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

*PAME invites for submission to PAME II-2016 a final version of the HFO Phase III(a) paper titled “Heavy Fuel Oil releases from Shipping in the Arctic” (USA lead) and final HFO Phase III(b) project report on “Possible Hazards for Engines and Fuel Systems Using Heavy Fuel Oil in Cold Climates” (Norway lead).*

*PAME invites Member States, Permanent Participants and Observers to submit to the Shipping Expert Group by 1 June 2016 proposals for mitigating the risks associated with the use and carriage of HFO by vessels in the Arctic. PAME instructs the Shipping Expert Group, based on its previous work as well as additional information received, to submit to PAME II-2016 a paper that proposes recommendations to mitigate these risks.*

*PAME invites the USA and Canada to submit a brief report on developments at the IMO with respect to a proposed Phase II of the Polar Code.*

*PAME encourages all States and the affected maritime community to effectively implement the Polar Code on a timely basis.*

*PAME encourages member states 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.*

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

*PAME invites Canada, the USA and Norway to submit a paper identifying potential specific Arctic Marine Tourism Project (AMTP) follow-up activities for consideration at PAME II-2016.*

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

*PAME thanks AIA’s Jim Gamble for his update report on AIA’s indigenous marine mapping tool and notes AIA’s interest in additional partners, which would allow the project to move forward in additional communities.*

### **5) AMSA II(B) – Engagement with Arctic Communities**

*Refer to RoDs for agenda item 6 on the MEMA Project.*

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

*PAME supports continued work of the Regional Reception Facilities (RRF) Expert Group (EG) in consideration of the group’s progress report to PAME I-2016, and encourages input into the ongoing work of the RRF-EG from all Arctic States, Permanent Participants and Observers.*

*PAME notes that the new ICES/PAME Working Group on Integrated Ecosystem Assessment for the Central Arctic Ocean (WGICA) will have as one of the items of work to consider vulnerability of the ecosystem of the Central Arctic Ocean in relation to climate change and Arctic shipping, and welcomes progress report on that work at future meetings.*

*PAME invites Norway to provide an update on the status of current ship traffic in the high seas areas of the Central Arctic Ocean to PAME II-2016 (from PAME II-2015 RoD).*

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

*PAME invites the USA to make a presentation at PAME II-2016 to the Shipping Expert Group on Hazard Analysis Critical Control Point (HACCP) planning, including its potential application to Arctic marine transportation activities. PAME also invites the USA to submit a proposal for a pilot project that would apply HACCP to Arctic marine transportation activities.*

*PAME decides to partner with CAFF in its project to develop a strategy to prevent the introduction of alien and aquatic invasive species into Arctic ecosystems (Invasive Species Project). PAME’s contributions to this project, scheduled for delivery to the 2017 Arctic Ministerial Meeting, will include the following: (1) provide all PAME information papers related to aquatic invasive species; (2) participate in the project steering committee; (3) and review any documents as needed and contribute to the development of the project report and its policy recommendations.*

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

*PAME thanks Greg Donovan, Head of Science of the International Whaling Commission (IWC), for his presentation on the IWC’s Arctic relevant programs and activities, and supports ongoing communication, cooperation and collaboration between PAME, IWC and NAMMCO on issues of mutual interest.*

### **9) AMSA II(H) – Reducing Air Emissions**

*PAME invites Norway to submit a brief update on IMO's work with respect to black carbon to the Shipping Expert Group at PAME II-2016.*

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

*PAME thanks the Arctic Shipping Traffic Data (ASTD) expert group for its important work in developing the ASTD project plan presented at PAME I-2016. PAME recognizes the value and potential benefits of this project and that any final ASTD product is likely to have significant benefits for other Arctic Council working groups and subsidiary bodies. Accordingly, PAME requests the Secretariat to:*

- 1) share the ASTD project documents, as refined at PAME I-2016, with other Arctic Council working groups and subsidiary bodies with a request for their input by March 1; and*
- 2) work with the ASTD expert group to convene a virtual briefing and Q&A session on the ASTD project for other interested AC working groups and subsidiary bodies by March 11.*

*PAME approves continued work on ASTD Phase II of the project by the ASTD expert group and welcomes consideration of subsequent phases. Specifically, PAME requests that the ASTD expert group develop a draft systems design document taking into account any intercessional input obtained from PAME's Shipping Expert Group and other Arctic Council working groups and subsidiary bodies. PAME also requests member governments to identify by 1 March 2016 representatives who, under USA leadership, can prepare a draft data-sharing document and a draft cost-sharing document in consultation with the ASTD expert group. All documents are to be submitted to the PAME Secretariat at least 30 days in advance of the PAME II-2016 meeting to ensure sufficient time for review.*

*PAME requests its Secretariat to continue providing administrative support to facilitate work on the project. The USA will continue to serve as the overall member government lead for this initiative.*

*Approval of this intersessional work does not obligate member governments to approve any subsequent phase of the ASTD project as per the ASTD project plan.*

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

*PAME invites the USA to undertake an informal review of the 1<sup>st</sup> World Ocean Assessment, giving particular consideration to those chapters relating to shipping in the Arctic and current and proposed PAME work on shipping-related issues, and provide a report to the Shipping Expert Group at PAME II-2016.*

### **12) Other Items**

*To facilitate enhanced communication and information exchange between PAME and EPPR on shipping-related work, PAME requests the Secretariat to arrange one or more conference calls, as necessary, with the Chairs and interested Heads of Delegation of PAME and EPPR. The PAME Shipping Expert Group Co-Chairs will also invite EPPR member government participation in its monthly conference calls.*

*PAME invites:*

- ✓ *Member States, Permanent Participants, Observers and other Arctic Council Working Groups to review and submit comments to the PAME Secretariat by 1 June 2016 on the paper entitled “Proposed Criteria for Prioritizing PAME’s Shipping-Related Work”, PAME (I)/16/5.0;*
- ✓ *the USA and Canada to submit to PAME II-2016 an update of this paper taking into account input received together with an initial draft compendium of shipping-related directions and mandates found in the documents listed in the paper; and*
- ✓ *all Member States, Permanent Participants, other Arctic Council Working Groups and Observers to identify and submit to the Secretariat by 1 June 2016 their current top shipping-related priorities for PAME.*

*PAME invites Norway, Finland and Iceland to submit for consideration at PAME II-2016 a draft 2015-2017 AMSA Implementation Progress Report, noting that a final Report must be approved at PAME I-2017 for timely submission to the 2017 Ministerial Meeting. PAME Secretariat will share the electronic template with the co-leads.*

## **Follow up on the 2009 Arctic Offshore Oil and Gas Guidelines (Agenda item 6)**

### ***Meaningful Engagement of Arctic Indigenous Peoples and Local Communities in Marine Activities project (MEMA):***

*PAME welcomes the progress report on the MEMA project.*

*PAME noted the contribution of Russian MEMA documents from WWF and Canada’s contribution to secure a research analyst for the project.*

*PAME encourages the Project Team to continue exploring collaboration with SDWG.*

*PAME encourages further contributions of information for the database and provided a template for this purpose. The secretariat is requested to circulate the template to the AEC, IPS and all working groups.*

*The next steps include:*

- 1) *Analyze the information in the database and prepare a narrative summary of the analysis.*
- 2) *Plan a workshop on Best Practices for engagement to be held on the 17<sup>th</sup> of September in conjunction with PAME II-2016, and draft a workshop summary.*
- 3) *Draft main findings and conclusions.*

### ***Selected Updates of the 2009 Arctic Offshore Oil and Gas Guidelines (AOOGG):***

*PAME decides to develop a concept paper on updating non-emergency operating practices and environmental monitoring sections of the AOOGG (2009) for consideration at PAME II-2016.*

*PAME Secretariat to approach the Arctic Council Secretariat to seek assistance for Russian translation of the AOOGG 2009 and the AOOGG: Systems Safety Management and Safety Culture Report.*

*PAME Secretariat to invite presentations at future PAME meetings from EPPR, and relevant external bodies, such as the Arctic Offshore Oil and Gas Regulators Forum, OSPAR and Oil and*

*Gas Producers International on non-emergency operating practices and environmental monitoring.*

*PAME requests the Oil and Gas Contact Group develop an implementation Tracking Matrix for the recommendations of the 2014 “Arctic Offshore Oil and Gas Guidelines Systems Safety Management and Safety Culture Report: Avoiding Major Disasters in Arctic Offshore Oil and Gas Operations”, to be considered for adoption at the PAME II 2016 meeting.*

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

*PAME welcomes the progress report on the work of the Ecosystem Approach expert group (EA-EG) describing work over the last half year according to agreed work plan for 2015-2017 time period.*

*PAME welcomes the planning of the international conference on status of implementation of the Ecosystem Approach to management in the Arctic, to be held in Fairbanks, Alaska, 23-25 August 2016. A steering group has been established and an announcement and a more detailed program will be forthcoming. Arctic Member States, Permanent Participants and others are invited to submit examples of implementation of EA to the steering committee via the PAME Secretariat.*

*PAME welcomes the establishment of the new ICES/PAME Working Group on Integrated Ecosystem Assessment for the Central Arctic Ocean (WGICA) and its terms of reference as approved by ICES. The WGICA will meet at the ICES headquarters in Copenhagen, 24-26 May 2016. It is expected that AMAP and CAFF will join as co-sponsors of WGICA from 2017. The PAME Secretariat will circulate the terms of reference to its members.*

*PAME notes the delay in production of the report "Status of Setting Ecological Objectives in the Arctic" based on the background document on ecological objectives, included as Annex III of the 5<sup>th</sup> EA workshop report from Bergen last May. Arctic States, PPs and observers are again invited to contribute more information to be used in this report, according to the recommendations from the 5<sup>th</sup> workshop by May 15.*

### **Follow-up/Implementation of the AMSP 2015-2025 (Agenda item 8)**

*PAME agrees to the final version of the AMSP Communication Plan and the AMSP Implementation Plan, including the AMSP implementation tracking table, and encourages close involvement of other Arctic Council working groups and subsidiary bodies in reporting progress on its strategic actions and note the usefulness of using this in developing respective work plan items and contributing to collaboration on cross-cutting issues, as relevant.*

*PAME notes that the tracking table is a living document to be modified as needed to best serve its purpose.*

### **Preparations for the development of PAME 2017-2019 Work Plan activities/Other items:**

*PAME requests the Secretariat to send out a revised project plan template to include the TLK checklist.*

*PAME members are asked to propose possible projects/activities for consideration in the PAME 2017-2019 Work Plan for initial discussions at PAME II-2016.*

*PAME notes UNEP's global initiative on marine litter within its Regional Seas Programme and invites UNEP's representative to make a presentation to PAME II-2016 on this topic.*

*PAME took note of France's intent to elaborate through a presentation of its Arctic interests at PAME II-2016.*

### **PAME Administration Next Meeting**

*PAME requests its Chair to present status and progress to the upcoming SAO meeting 16-17 March 2016 on the PAME deliverables as requested by the U.S. Chairmanship, in addition to a 2-pager PAME progress report and include MEMA as a key initiative for PAME to highlight.*

*PAME invites its delegations to include shipping, oil and gas, ecosystem and MPA experts in their delegations to the PAME II-2016 meeting.*

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

*The location of the next PAME Meeting will be in Portland, Maine from 19-21 September 2016 with September 18 set aside for PAME pre-meetings and the MEMA workshop on September 17. PAME II-2016 meeting is expected to be followed by a 2-day meeting of the TFAMC from Thu-Fri.*

Family name	First name	Department / Ministry	Country / Organization	E-mail
<b>PAME Chair/Secretariat</b>				
Sauve	Renee	PAME Chair - Fisheries and Oceans Canada (DFO)	Canada	<a href="mailto:Renee.Sauve@dfo-mpo.gc.ca">Renee.Sauve@dfo-mpo.gc.ca</a>
Guðmundsdóttir	Soffía	PAME Secretariat - Executive Secretary	Iceland	<a href="mailto:pame@pame.is">pame@pame.is</a>
Hreinsson	Hjalti	PAME Secretariat	Iceland	<a href="mailto:hjalti@pame.is">hjalti@pame.is</a>
<b>Canada</b>				
Newton	Steve	Fisheries and Oceans Canada (DFO)	Canada	<a href="mailto:steve.newton@dfo-mpo.gc.ca">steve.newton@dfo-mpo.gc.ca</a>
Araujo	Ana Maria	Global Affairs Canada	Canada	<a href="mailto:anamaria.araujo@international.gc.ca">anamaria.araujo@international.gc.ca</a>
Copley	Maureen	Aboriginal Affairs and Northern Development Canada	Canada	<a href="mailto:maureen.copley@aadnc-aandc.gc.ca">maureen.copley@aadnc-aandc.gc.ca</a>
Gold	Maya	Fisheries, Oceans and the Canadian Coast Guard	Canada	<a href="mailto:maya.gold@dfo-mpo.gc.ca">maya.gold@dfo-mpo.gc.ca</a>
<b>Kingdom of Denmark</b>				
Jung-Madsen	Signe	The Danish Nature Agency	Denmark	<a href="mailto:sijun@nst.dk">sijun@nst.dk</a>
Gervin	Cæcilie	Government Greenland, Ministry of Nature, Environment and Justice	Greenland	<a href="mailto:ancg@nanoq.gl">ancg@nanoq.gl</a>
í Dali	Birita	Government of Greenland, Mineral Licence and Safety Authority	Greenland	<a href="mailto:bdal@nanoq.gl">bdal@nanoq.gl</a>
Moenster	Tina	Government of Greenland, Ministry of Environment and Nature	Greenland	<a href="mailto:tinm@nanoq.gl">tinm@nanoq.gl</a>
Mortensen	Elin	Ministry of Foreign Affairs and Trade	Faroe Islands	<a href="mailto:elinm@uvmr.fo">elinm@uvmr.fo</a>
<b>Finland</b>				
Kristiina	Isokallio	Ministry of the Environment	Finland	<a href="mailto:kristiina.isokallio@ymparisto.fi">kristiina.isokallio@ymparisto.fi</a>
Blankett	Penina	Ministry of the Environment	Finland	<a href="mailto:penina.blankett@ymparisto.fi">penina.blankett@ymparisto.fi</a>
Ekebom	Jan	Metsähallitus Parks & Wildlife Finland	Finland	<a href="mailto:jan.ekebom@metsa.fi">jan.ekebom@metsa.fi</a>
Kaartokallio	Hermanni	Finnish Environment Institute	Finland	<a href="mailto:hermanni.kaartokallio@ymparisto.fi">hermanni.kaartokallio@ymparisto.fi</a>
Mäkinen	Anita	Finnish Transport Safety Agency	Finland	<a href="mailto:anita.makinen@trafi.fi">anita.makinen@trafi.fi</a>
<b>Iceland</b>				
Bjarnadóttir	Sesselja	Ministry for the Environment and natural resources	Iceland	<a href="mailto:sesselja.bjarnadottir@uar.is">sesselja.bjarnadottir@uar.is</a>
<b>Norway</b>				
Elisenberg	Anja	Ministry of Climate and Environment	Norway	<a href="mailto:ae@kld.dep.no">ae@kld.dep.no</a>
Gaalaas	Siv Christin	Norwegian Ministry of Trade, Industry and Fisheries	Norway	<a href="mailto:scg@nfd.dep.no">scg@nfd.dep.no</a>
Hansen	Geir Hoevik	The Norwegian Maritime Authority	Norway	<a href="mailto:ghh@sdir.no">ghh@sdir.no</a>
Reppe	Bjørn	Norwegian Maritime Authority	Norway	<a href="mailto:brp@sdir.no">brp@sdir.no</a>
Stenersen	Dag	MARINTEK	Norway	<a href="mailto:dag.stenersen@marintek.sintef.no">dag.stenersen@marintek.sintef.no</a>
von Quillfeldt	Cecilie	Norwegian Polar Institute	Norway	<a href="mailto:cecilie.quillfeldt@npolar.no">cecilie.quillfeldt@npolar.no</a>
<b>Russia</b>				
Kutaeva	Natalia	Marine Rescue Service of Rosmorrechflot (MRS)	Russia	<a href="mailto:kutaevang@morspas.com">kutaevang@morspas.com</a>
Dashko	Konstantin	Federal State Budget Institution Administr of Maritime of Est Arctica	Russia	<a href="mailto:dashko_kv@mail.ru">dashko_kv@mail.ru</a>
Mikhailov	Andrei	FSUE Rosmorport North-Western basin branch	Russia	<a href="mailto:andymik67@gmail.com">andymik67@gmail.com</a>
<b>Sweden</b>				
Ejdung	Gunilla	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:gunilla.ejdung@havochvatten.se">gunilla.ejdung@havochvatten.se</a>
Ahlberg	Andrea	Swedish Transport Agency	Sweden	<a href="mailto:andrea.ahlberg@transportstyrelsen.se">andrea.ahlberg@transportstyrelsen.se</a>
Bizzozero	Anna	Swedish Transport Agency	Sweden	<a href="mailto:anna.bizzozero@transportstyrelsen.se">anna.bizzozero@transportstyrelsen.se</a>

<b>Hammersland</b>	<b>Jorid</b>	Ministry of Environment and Energy	Sweden	<a href="mailto:jorid.hammersland@gov.se">jorid.hammersland@gov.se</a>
<b>Hedar</b>	<b>Catarian</b>	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:catarina.hedar@havochvatten.se">catarina.hedar@havochvatten.se</a>
<b>Jöborn</b>	<b>Anna</b>	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:anna.joborn@havochvatten.se">anna.joborn@havochvatten.se</a>
<b>Krantz</b>	<b>Jeanette</b>	Ministry of the Environment and Energy	Sweden	<a href="mailto:jeanette.krantz@regeringskansliet.se">jeanette.krantz@regeringskansliet.se</a>
<b>Övelius</b>	<b>Pia</b>	Ministry of Justice	Sweden	<a href="mailto:pia.ovelius@gov.se">pia.ovelius@gov.se</a>

**USA**

<b>McLanahan</b>	<b>Elizabeth</b>	NOAA	USA	<a href="mailto:elizabeth.mclanahan@noaa.gov">elizabeth.mclanahan@noaa.gov</a>
<b>Condino</b>	<b>David</b>	US Coast Guard	USA	<a href="mailto:David.a.condino@uscg.mil">David.a.condino@uscg.mil</a>
<b>Eidsness</b>	<b>Dana</b>	Maine North Atlantic Development Office	USA	<a href="mailto:eidsness@mitc.com">eidsness@mitc.com</a>
<b>Mundy</b>	<b>Phil</b>	NOAA	USA	<a href="mailto:phil.mundy@noaa.gov">phil.mundy@noaa.gov</a>
<b>Oppenheimer</b>	<b>Peter</b>	NOAA	USA	<a href="mailto:peter.oppenheimer@noaa.gov">peter.oppenheimer@noaa.gov</a>
<b>Page</b>	<b>Brian</b>	U.S. Coast Guard	USA	<a href="mailto:robert.b.page@uscg.mil">robert.b.page@uscg.mil</a>
<b>Smith</b>	<b>Scott</b>	U.S. Coast Guard	USA	<a href="mailto:scott.j.smith2@uscg.mil">scott.j.smith2@uscg.mil</a>
<b>Thurston</b>	<b>Dennis</b>	US BOEM	USA	<a href="mailto:dennis.thurston@boem.gov">dennis.thurston@boem.gov</a>
<b>Wenzel</b>	<b>Lauren</b>	NOAA	USA	<a href="mailto:lauren.wenzel@noaa.gov">lauren.wenzel@noaa.gov</a>

**Permanent participants**

<b>Gamble</b>	<b>James</b>	Aleut International Association	USA	<a href="mailto:aia@alaska.net">aia@alaska.net</a>
<b>Reimer</b>	<b>Chester</b>	ICC-Canada	Canada	<a href="mailto:icc@inuitcircumpolar.com">icc@inuitcircumpolar.com</a>
<b>Stotts</b>	<b>James</b>	ICC-Alaska	USA	<a href="mailto:jimmy@iccalaska.org">jimmy@iccalaska.org</a>

**Observers**

<b>Bock</b>	<b>Nikolaj</b>	European Environment Agency	Denmark	<a href="mailto:nikolaj.bock@eea.europa.eu">nikolaj.bock@eea.europa.eu</a>
<b>Brey</b>	<b>Thomas</b>	Alfred-Wegener-Institut	Germany	<a href="mailto:thomas.brey@awi.de">thomas.brey@awi.de</a>
<b>Donovan</b>	<b>Greg</b>	International Whaling Commission	UK	<a href="mailto:greg.donovan@iwc.int">greg.donovan@iwc.int</a>
<b>Gadal</b>	<b>Sebastian</b>	Aix-Marseille University/CNRS ESPACE UMR 7300	France	<a href="mailto:sebastian.gadal@univ-amu.fr">sebastian.gadal@univ-amu.fr</a>
<b>Justin (Jong Deog)</b>	<b>Kim</b>	Korea Maritime Institute	Republic of Korea	<a href="mailto:jdkim65@kmi.re.kr">jdkim65@kmi.re.kr</a>
<b>Liu</b>	<b>Yanguang</b>	First Inst of Oceanography, State Oceanic Adm, People's Rep of China	China	<a href="mailto:yanguangliu@fio.org.cn">yanguangliu@fio.org.cn</a>
<b>Lu</b>	<b>Zhibo</b>	Tongji University	China	<a href="mailto:zhibolu@126.com">zhibolu@126.com</a>
<b>Mikaelsson</b>	<b>Mikael Allan</b>	UK Foreign & Commonwealth Office	UK	<a href="mailto:mikael.mikaelsson@fco.gov.uk">mikael.mikaelsson@fco.gov.uk</a>
<b>Nakamura</b>	<b>Takehiro</b>	UNEP	UNEP	<a href="mailto:Takehiro.Nakamura@unep.org">Takehiro.Nakamura@unep.org</a>
<b>Sheard</b>	<b>Whit</b>	CCU	USA	<a href="mailto:whitsheard@yahoo.com">whitsheard@yahoo.com</a>
<b>Sommerkorn</b>	<b>Martin</b>	WWF Global Arctic Programme	Norway	<a href="mailto:msommerkorn@wwf.no">msommerkorn@wwf.no</a>
<b>Speer</b>	<b>Lisa</b>	Natural Resources Defense Council and CCU	USA	<a href="mailto:lspeer@optonline.net">lspeer@optonline.net</a>

**Arctic Council Secretariat and Working Groups**

<b>Meldgaard</b>	<b>Anne</b>	Arctic Council Secretariat	Denmark	<a href="mailto:anne@arctic-council.org">anne@arctic-council.org</a>
------------------	-------------	----------------------------	---------	--

**Others - Invited Experts**

<b>Kingston</b>	<b>Michael</b>	DWF LLP	UK	<a href="mailto:michael.kingston@dwf.law">michael.kingston@dwf.law</a>
-----------------	----------------	---------	----	--



---

## **PAME I-2016 Working Group Meeting**

### **Stockholm, Sweden**

### **31 Jan – 3 Feb 2016**

### **Main Agenda Items**

---

The PAME Working Group Meeting (PAME I-2016) was held at the facilities of the Government Offices, Malm Morgsgatan 3 in Stockholm, Sweden from Sunday 31st of Jan - Wednesday 3rd of Feb 2016. Sunday 31st of January was set aside for pre-meetings.

Leads on respective activities were requested to prepare for this meeting in accordance with the PAME Work Plan 2015-2017 and Records of Decisions from the PAME II-2015 meeting. PAME delegations were invited to include IMO, EBM, Oil and Gas, and other experts in their delegations to the PAME I-2016 meeting.

### **PAME I-2016 Main Agenda Items**

- Item 1:** Opening of the Meeting
- Item 2:** Introduction and Adoption of the Agenda
- Item 3:** Information from the Chair and the Secretariat
- Item 4:** Pan-Arctic Network of Marine Protected Areas (MPAs)
- Item 5:** Arctic Marine Shipping Assessment follow-up activities (various leads)
- Item 6:** Follow up on the Arctic Offshore Oil and Gas Guidelines (AOOGG 2009)
- Item 7:** Ecosystem-based Approach to Management
- Item 8:** Follow-up/implementation of the AMSP 2015-2025.
- Item 9:** Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)
- Item 10:** Any other business and closing of the Meeting

---

## PAME I-2016 Pre-Meetings

---

**SUNDAY, January 31**

**10:00-17:00**

**Shipping Expert Group pre-meeting (meeting room: tbc)**

The agenda will be the items under Agenda Item 5, 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. Agenda has been posted on the PAME password protected site.

**14:00-16/17:00**

**Oil and Gas Contact Group pre-meeting (meeting room: tbc):** Agenda has been posted on the PAME password protected site.

**15:00-17:00**

**Ecosystem Approach Expert Group (meeting room: tbc):** agenda items will be the same as for PAME I-2016, agenda item 7.

**13:00-15:00**

**MPA Expert Group (meeting room: tbc):** Agenda has been posted on the PAME password protected site.

Note: agenda items identified with \*\* will be primarily be discussed in the shipping expert group (SEG) pre-meeting followed by a brief summary of outcomes in plenary.

## PAME I-2016 Working Group Meeting 1-3 Feb Government Offices, Malmtorgsgatan 3

### Documentation

All PAME I-2016 meeting documents will be posted on the PAME password protected area of the homepage: <http://www.pame.is> and login information will be provided to confirmed participants.

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

*Coffee breaks: 10:00-10:15 and 15:00-15:15 - Lunch break: 12:30-13:30*

<b>MONDAY, February 1</b>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
08:30-09:00	Registration of PAME meeting participants	
09:00-10:00	<p><b>Item 1: Opening of the Meeting</b></p> <ul style="list-style-type: none"> <li>✓ The Swedish SAO, Ambassador Andrés Jato</li> <li>✓ Stefan Berggren, Director at the Section for Natural Resources</li> </ul> <p><b>Item 2: Introduction and Adoption of the Agenda</b></p> <p><b>Item 3: Information from the Chair and the Secretariat</b></p> <p>3.1 Outcomes from the SAO meeting (20-22 October 2015)</p> <p>3.2 Outcomes from other Arctic Council relevant meetings (e.g. task forces, meetings of chairs and ES, TLK etc)</p> <p>3.3 Outcomes for other international relevant meetings (e.g. Cop 21, UN Sustainable Development Goal 14 on Oceans &amp; Seas, etc)</p>	<p>Host</p> <p>Chair</p> <p>Chair</p> <p>Chair/ALL</p> <p>Chair/ALL</p>
10:15-11:00	<p><b>Item 4: Pan-Arctic Network of Marine Protected Areas (MPAs)</b></p> <p>4.1 Status on the inventory mapping of existing Arctic MPAs (PAME/CAFF project).</p> <p>4.2 Desktop study on area-based conservation measures and its linkages to categories of Arctic marine biodiversity:</p> <ul style="list-style-type: none"> <li>➤ Status and workshop proposal.</li> </ul> <p>4.3 Status on the proposal to hold a workshop during the forum portion of the International Union for the Conservation of Nature (IUCN) World Conservation Congress (September 2016 in Honolulu, Hawaii, USA).</p> <p>4.4 Summary of an IUCN, UNESCO and NRDC scientific workshop to identify candidate marine World Heritage sites in the Arctic at the end of February.</p>	<p>PAME ES</p> <p>USA</p> <p>USA</p> <p>Lisa Speer NRDC/CCU</p>

<b>11:00-17:00</b>	<b>Item 5: Arctic Marine Shipping Assessment follow-up activities– status and updates (various leads)</b> <i>Note: Those agenda items marked with ** will be discussed in more detail during the Shipping Expert Group (SEG) pre-meeting</i>	
<b>11:00-11:15</b>	5.0 Proposed approach for priority setting: PAME's shipping-related projects and activities	USA/Canada
<b>11.15-14.15</b>	<b><i>Theme I: Enhanced Arctic Maritime Safety</i></b>	
(10 min) (30 min) (5 min)	5.1 <u>AMSA I(A) – Linking with International Organizations</u> a) Draft project plan for collaboration between PAME and IALA, b) Presentation from the Marine Trade and Energy group, DWF LLP on the role of marine insurance in support of the Polar Code. c) Follow up on IICWG’s proposed areas of collaboration**	USA Michael Kingston SEG
(10 min) (30 min) (5 min) (5 min)	5.2 <u>AMSA I(B) – IMO Measures for Arctic Shipping:</u> a) Revised version of the HFO Phase III paper “ <i>Heavy Fuel Oil Releases from Shipping in the Arctic</i> ”. b) Results from the HFO Phase III(B) project “ <i>Possible hazards for engines and fuels systems using heavy fuel oil in cold climates</i> ”. c) Summary of papers submitted by member governments on recent information on accidents involving commercial fishing vessels in Arctic waters as defined by the Polar Code** d) Report on relevant developments, if any, at the IMO with respect to a proposed Phase II of the Polar Code.** e) Other updates on the Polar Code, if any:**	USA Mr.Dag Stenersen Norway PAME member governments USA/Canada SEG
(20 min) (5 min)	5.3 <u>AMSA I(D) – Strengthening Passenger Ship Safety</u> a) Potential specific Arctic marine Tourism Project (AMTP) follow-up activities b) Summary of papers submitted by member governments that:** i) describe safety incidents within Arctic waters subject to their jurisdiction involving private pleasure craft that have necessitated a response by a third party; and ii) identify potential speakers who could make a presentation at a future PAME meeting on this topic	Canada USA Norway PAME member governments
<b>14.15 – 16.30</b>	<b><i>Theme II: Protecting Arctic People and the Environment</i></b>	
(20 min)	5.4 <u>AMSA II(A) – Survey of Arctic Indigenous Marine Use</u> Presentation on “The Sea Ice Never Stops: Circumpolar Inuit Reflections on Sea Ice Use and Shipping in Inuit Nunaat.”	ICC-Canada (TBC)
	5.5 <u>AMSA II(B) – Engagement with Arctic Communities</u> Refer to agenda item 5 on status of the project “Meaningful Engagement of Arctic Indigenous Peoples and Local	



<b>TUESDAY, February 2</b>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
<b>09:00-10:00</b>	<b>Item 5: Continues as/if needed</b>	
<b>10:15-11:00</b>	<b>Item 6: Follow up on the Arctic Offshore Oil and Gas Guidelines (AOOGG 2009)</b> a) Meaningful Engagement of Indigenous Peoples and Local Communities in Marine Activities (MEMA) ➤ Status on MEMA ➤ Discussions and next steps b) Concept paper on selected updates of the AOOGG and AMSP Strategic Actions i) Meaningful Engagement of Indigenous People ii) Environmental Impact Assessment iii) Operating Practices Discussions and next steps	USA and the Oil & Gas contact group
<b>11:00-11:30</b>	<b>Item 7: Ecosystem-based Approach to Management</b> a) Progress on the work of the Joint EA Expert Group b) Status on the planning of an EA Conference in early Fall 2016 c) Discussions and next steps	USA Norway
<b>11:30-12:00</b>	<b>Item 8: Follow-up/implementation of the AMSP 2015-2025</b> a) Final draft AMSP Implementation Plan b) Final draft AMSP communication Plan c) Discussions and agreement on final versions	PAME ES
<b>13:30-17:00</b>	<b>PAME Breakout sessions:</b> The aim is to finalize relevant documents and prepare draft RoDs for further discussion and agreement under Agenda Item 9.  <b>Shipping expert group 13:30-17:00      MPA expert group 13:30-15:00</b> <b>Oil/Gas contact group 15:15-17:00      EA expert group 15:15-17:00</b>	
<b>17:15</b>	<b>The Swedish Agency for Marine and Water Management invites all participants at the PAME-meeting to a Tour of the Vasa Museum followed by dinner.</b> <a href="http://www.vasamuseet.se/en/">www.vasamuseet.se/en/</a>	
<b><i>Respective leads to provide draft RoDs to the PAME Secretary by end of the day/midnight</i></b>		

<b>WEDNESDAY, February 3</b>		
<i>Timeline</i>	<i>Agenda items</i>	<i>Note/Leads</i>
<b>09:00-10:00</b>	<b>Outstanding issues from previous days and overview of way forward/next steps</b>	Various
<b>10:15-10:30</b>	Summary of outcomes from the WWF/ICC workshop in Iqaluit entitled “Last Ice Area: Workshop on Management Options”.	Alexander Shestakov WWF
<b>10:30-17:00</b>	<b>Item 9: Summary of Meeting Decisions and Follow up Actions (Chair &amp; Secretariat)</b>	
	<b>Item 10: Any other business and closing of the Meeting</b>	
<b>End of PAME I-2016 Meeting at 17:00</b>		

Family name	First name	Department / Ministry	Country / Organization	E-mail
<b>PAME Chair/Secretariat</b>				
<b>Sauve</b>	<b>Renee</b>	PAME Chair - Fisheries and Oceans Canada (DFO)	Canada	<a href="mailto:Renee.Sauve@dfo-mpo.gc.ca">Renee.Sauve@dfo-mpo.gc.ca</a>
<b>Guðmundsdóttir</b>	<b>Soffía</b>	PAME Secretariat - Executive Secretary	Iceland	<a href="mailto:pame@pame.is">pame@pame.is</a>
<b>Hreinsson</b>	<b>Hjalti</b>	PAME Secretariat	Iceland	<a href="mailto:hjalti@pame.is">hjalti@pame.is</a>
<b>Canada</b>				
<b>Newton</b>	<b>Steve</b>	Fisheries and Oceans Canada (DFO)	Canada	<a href="mailto:steve.newton@dfo-mpo.gc.ca">steve.newton@dfo-mpo.gc.ca</a>
<b>Araujo</b>	<b>Ana Maria</b>	Global Affairs Canada	Canada	<a href="mailto:anamaria.araujo@international.gc.ca">anamaria.araujo@international.gc.ca</a>
<b>Copley</b>	<b>Maureen</b>	Aboriginal Affairs and Northern Development Canada	Canada	<a href="mailto:maureen.copley@aadnc-aandc.gc.ca">maureen.copley@aadnc-aandc.gc.ca</a>
<b>Gold</b>	<b>Maya</b>	Fisheries, Oceans and the Canadian Coast Guard	Canada	<a href="mailto:maya.gold@dfo-mpo.gc.ca">maya.gold@dfo-mpo.gc.ca</a>
<b>Kingdom of Denmark</b>				
<b>Jung-Madsen</b>	<b>Signe</b>	The Danish Nature Agency	Denmark	<a href="mailto:sijun@nst.dk">sijun@nst.dk</a>
<b>Gervin</b>	<b>Cæcilie</b>	Government Greenland, Ministry of Nature, Environment and Justice	Greenland	<a href="mailto:ancg@nanoq.gl">ancg@nanoq.gl</a>
<b>í Dali</b>	<b>Birita</b>	Government of Greenland, Mineral Licence and Safety Authority	Greenland	<a href="mailto:bdal@nanoq.gl">bdal@nanoq.gl</a>
<b>Moenster</b>	<b>Tina</b>	Government of Greenland, Ministry of Environment and Nature	Greenland	<a href="mailto:tinm@nanoq.gl">tinm@nanoq.gl</a>
<b>Mortensen</b>	<b>Elin</b>	Ministry of Foreign Affairs and Trade	Faroe Islands	<a href="mailto:elinm@uvmr.fo">elinm@uvmr.fo</a>
<b>Finland</b>				
<b>Kristiina</b>	<b>Isokallio</b>	Ministry of the Environment	Finland	<a href="mailto:kristiina.isokallio@ymparisto.fi">kristiina.isokallio@ymparisto.fi</a>
<b>Ekebom</b>	<b>Jan</b>	Metsähallitus Parks & Wildlife Finland	Finland	<a href="mailto:jan.ekebom@metsa.fi">jan.ekebom@metsa.fi</a>
<b>Kaartokallio</b>	<b>Hermanni</b>	Finnish Environment Institute	Finland	<a href="mailto:hermanni.kaartokallio@ymparisto.fi">hermanni.kaartokallio@ymparisto.fi</a>
<b>Mäkinen</b>	<b>Anita</b>	Finnish Transport Safety Agency	Finland	<a href="mailto:anita.makinen@trafi.fi">anita.makinen@trafi.fi</a>
<b>Iceland</b>				
<b>Bjarnadóttir</b>	<b>Sesselja</b>	Ministry for the Environment and natural resources	Iceland	<a href="mailto:sesseija.bjarnadottir@uar.is">sesseija.bjarnadottir@uar.is</a>
<b>Norway</b>				
<b>Elisenberg</b>	<b>Anja</b>	Ministry of Climate and Environment	Norway	<a href="mailto:ae@kld.dep.no">ae@kld.dep.no</a>
<b>Gaalaas</b>	<b>Siv Christin</b>	Norwegian Ministry of Trade, Industry and Fisheries	Norway	<a href="mailto:scg@nfd.dep.no">scg@nfd.dep.no</a>
<b>Hansen</b>	<b>Geir Hoevik</b>	The Norwegian Maritime Authority	Norway	<a href="mailto:ghh@sdir.no">ghh@sdir.no</a>
<b>Reppe</b>	<b>Bjørn</b>	Norwegian Maritime Authority	Norway	<a href="mailto:brp@sdir.no">brp@sdir.no</a>
<b>Stenersen</b>	<b>Dag</b>	MARINTEK	Norway	<a href="mailto:dag.stenersen@marintek.sintef.no">dag.stenersen@marintek.sintef.no</a>
<b>von Quillfeldt</b>	<b>Cecilie</b>	Norwegian Polar Institute	Norway	<a href="mailto:cecilie.quillfeldt@npolar.no">cecilie.quillfeldt@npolar.no</a>
<b>Russia</b>				
<b>Kutaeva</b>	<b>Natalia</b>	Marine Rescue Service of Rosmorrechflot (MRS)	Russia	<a href="mailto:kutaevang@morspas.com">kutaevang@morspas.com</a>
<b>Dashko</b>	<b>Konstantin</b>	Federal State Budget Institution Administr of Maritime of Est Arctica	Russia	<a href="mailto:dashko_kv@mail.ru">dashko_kv@mail.ru</a>
<b>Mikhailov</b>	<b>Andrei</b>	FSUE Rosmorport North-Western basin branch	Russia	<a href="mailto:andymik67@gmail.com">andymik67@gmail.com</a>
<b>Sweden</b>				
<b>Ejdung</b>	<b>Gunilla</b>	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:gunilla.ejdung@havochvatten.se">gunilla.ejdung@havochvatten.se</a>
<b>Ahlberg</b>	<b>Andrea</b>	Swedish Transport Agency	Sweden	<a href="mailto:andrea.ahlberg@transportstyrelsen.se">andrea.ahlberg@transportstyrelsen.se</a>
<b>Bizzozero</b>	<b>Anna</b>	Swedish Transport Agency	Sweden	<a href="mailto:anna.bizzozero@transportstyrelsen.se">anna.bizzozero@transportstyrelsen.se</a>
<b>Hammersland</b>	<b>Jorid</b>	Ministry of Environment and Energy	Sweden	<a href="mailto:jorid.hammersland@gov.se">jorid.hammersland@gov.se</a>

## ANNEX I - LIST OF PARTICIPANTS

<b>Hedar</b>	<b>Catarian</b>	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:catarina.hedar@havochvatten.se">catarina.hedar@havochvatten.se</a>
<b>Jöborn</b>	<b>Anna</b>	Swedish Agency for Marine and Water Management	Sweden	<a href="mailto:anna.joborn@havochvatten.se">anna.joborn@havochvatten.se</a>
<b>Krantz</b>	<b>Jeanette</b>	Ministry of the Environment and Energy	Sweden	<a href="mailto:jeanette.krantz@regeringskansliet.se">jeanette.krantz@regeringskansliet.se</a>
<b>Övelius</b>	<b>Pia</b>	Ministry of Justice	Sweden	<a href="mailto:pia.ovelius@gov.se">pia.ovelius@gov.se</a>
<b>USA</b>				
<b>McLanahan</b>	<b>Elizabeth</b>	NOAA	USA	<a href="mailto:elizabeth.mclanahan@noaa.gov">elizabeth.mclanahan@noaa.gov</a>
<b>Condino</b>	<b>David</b>	US Coast Guard	USA	<a href="mailto:David.a.condino@uscg.mil">David.a.condino@uscg.mil</a>
<b>Eidsness</b>	<b>Dana</b>	Maine North Atlantic Development Office	USA	<a href="mailto:eidsness@mitc.com">eidsness@mitc.com</a>
<b>Mundy</b>	<b>Phil</b>	NOAA	USA	<a href="mailto:phil.mundy@noaa.gov">phil.mundy@noaa.gov</a>
<b>Oppenheimer</b>	<b>Peter</b>	NOAA	USA	<a href="mailto:peter.oppenheimer@noaa.gov">peter.oppenheimer@noaa.gov</a>
<b>Page</b>	<b>Brian</b>	U.S. Coast Guard	USA	<a href="mailto:robert.b.page@uscg.mil">robert.b.page@uscg.mil</a>
<b>Smith</b>	<b>Scott</b>	U.S. Coast Guard	USA	<a href="mailto:scott.j.smith2@uscg.mil">scott.j.smith2@uscg.mil</a>
<b>Thurston</b>	<b>Dennis</b>	US BOEM	USA	<a href="mailto:dennis.thurston@boem.gov">dennis.thurston@boem.gov</a>
<b>Wenzel</b>	<b>Lauren</b>	NOAA	USA	<a href="mailto:lauren.wenzel@noaa.gov">lauren.wenzel@noaa.gov</a>

## Permanent participants

<b>Gamble</b>	<b>James</b>	Alut International Association	USA	<a href="mailto:aia@alaska.net">aia@alaska.net</a>
<b>Reimer</b>	<b>Chester</b>	ICC-Canada	Canada	<a href="mailto:icc@inuitcircumpolar.com">icc@inuitcircumpolar.com</a>
<b>Stotts</b>	<b>James</b>	ICC-Alaska	USA	<a href="mailto:jimmy@iccalaska.org">jimmy@iccalaska.org</a>

## Observers

<b>Bock</b>	<b>Nikolaj</b>	European Environment Agency	Denmark	<a href="mailto:nikolaj.bock@eea.europa.eu">nikolaj.bock@eea.europa.eu</a>
<b>Brey</b>	<b>Thomas</b>	Alfred-Wegener-Institut	Germany	<a href="mailto:thomas.brey@awi.de">thomas.brey@awi.de</a>
<b>Donovan</b>	<b>Greg</b>	International Whaling Commission	UK	<a href="mailto:greg.donovan@iwc.int">greg.donovan@iwc.int</a>
<b>Gadal</b>	<b>Sebastian</b>	Aix-Marseille University/CNRS ESPACE UMR 7300	France	<a href="mailto:sebastian.gadal@univ-amu.fr">sebastian.gadal@univ-amu.fr</a>
<b>Justin (Jong Deog)</b>	<b>Kim</b>	Korea Maritime Institute	Republic of Korea	<a href="mailto:jdkim65@kmi.re.kr">jdkim65@kmi.re.kr</a>
<b>Liu</b>	<b>Yanguang</b>	First Inst of Oceanography, State Oceanic Adm, People's Rep of China	China	<a href="mailto:yanguangliu@fio.org.cn">yanguangliu@fio.org.cn</a>
<b>Lu</b>	<b>Zhibo</b>	Tongji University	China	<a href="mailto:zhibolu@126.com">zhibolu@126.com</a>
<b>Mikaelsson</b>	<b>Mikael Allan</b>	UK Foreign & Commonwealth Office	UK	<a href="mailto:mikael.mikaelsson@fco.gov.uk">mikael.mikaelsson@fco.gov.uk</a>
<b>Nakamura</b>	<b>Takehiro</b>	UNEP	UNEP	<a href="mailto:Takehiro.Nakamura@unep.org">Takehiro.Nakamura@unep.org</a>
<b>Sheard</b>	<b>Whit</b>	CCU	USA	<a href="mailto:whitsheard@yahoo.com">whitsheard@yahoo.com</a>
<b>Sommerkorn</b>	<b>Martin</b>	WWF Global Arctic Programme	Norway	<a href="mailto:msommerkorn@wwf.no">msommerkorn@wwf.no</a>
<b>Speer</b>	<b>Lisa</b>	Natural Resources Defense Council and CCU	USA	<a href="mailto:lspeer@optonline.net">lspeer@optonline.net</a>

## Arctic Council Secretariat and Working Groups

<b>Meldgaard</b>	<b>Anne</b>	Arctic Council Secretariat	Denmark	<a href="mailto:anne@arctic-council.org">anne@arctic-council.org</a>
------------------	-------------	----------------------------	---------	--

## Others - Invited Experts

<b>Kingston</b>	<b>Michael</b>	DWF LLP	UK	<a href="mailto:michael.kingston@dwf.law">michael.kingston@dwf.law</a>
-----------------	----------------	---------	----	--

# PAME

Protection of the Arctic Marine Environment

PAME INTERNATIONAL SECRETARIAT  
BORGIR  
NORDURSLOD  
600 AKUREYRI  
ICELAND

TEL: +354 461 1355  
EMAIL: [PAME@PAME.IS](mailto:PAME@PAME.IS)  
[WWW.PAME.IS](http://WWW.PAME.IS)

