

PAME

Protection of the Arctic Marine Environment



MEETING REPORT

Program for the protection of the Arctic marine environment

Working Group Meeting Report

No: II-2011

21-23 September, 2011

Reykjavik, Iceland

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Agenda Item 1: Opening of the Meeting

Agenda Item 2: Introduction and Adoption of the Agenda

Agenda Item 3: Information from the Chair and Secretariat

Agenda Item 4: Arctic Marine Shipping Assessment follow-up activities

Record of Decisions and Follow-up Actions

The Meeting agreed to the following:

- Instruct the PAME Secretariat to prepare a press release summarizing developments at PAME II-2011 regarding shipping issues, in particular those regarding cruise ship operations in the Arctic.
- Welcome the follow-up activities on AMSA Recommendations:
 - AMSA I(B) - Polar Code
 - ✓ *PAME continues to strongly support work at the IMO on the Polar Code and urges governments to work as expeditiously as possible to complete that work. In the interim, PAME reminds the shipping industry of existing IMO guidance applicable to Arctic ship operations. Such guidance includes:*
 - *A.1024(26), Guidelines for Ships Operating in Polar Waters;*
 - *A.999(25), Guidelines on Voyage Planning for Passenger Ships Operating in Remote Areas; and*
 - *MSC.1/Circ.1184, Enhanced contingency planning guidance for passenger ships operating in areas remote from SAR facilities.*
 - ✓ PAME recommends that its member governments explore preparation and joint submission of a paper to the IMO that emphasizes the importance of the completion of the Polar Code to the Arctic Council Member States.
 - AMSA I(D) – Passenger Ship Safety
 - ✓ Strongly encourage the cruise ship industry to to augment existing and/or develop new best practices for operations in the Arctic to enhance safety and environmental protection.
 - ✓ Instruct PAME Secretariat to liase with the EPPR regarding Automated Mutual Assistance Vessel Rescue System (Amvers) and its potential use in the Arctic for cruise ships to voluntarily report their locations and use it in voyage planning, and to report back to PAME.
 - ✓ To the extent that pollution prevention and passenger ship safety are linked, invite EPPR to inform PAME I-2012 on how their work could help to support implementation of AMSA Recommendation I(D).
 - ✓ Direct the PAME Chair/Secretariat to invite a member of the shipping insurance industry to make a presentation at PAME-I 2012 on factors that go into setting insurance premiums for Arctic cruises.

- AMSA I(B) – The Heavy Fuel Oil (HFO) in the Arctic Project – Phase II
 - ✓ PAME agrees to proposed revisions to the HFO Phase II Work Plan 2011-2012 (refer to Annex I)
 - ✓ PAME agrees that the co-leads are given the task of managing the selected consultant, with input from the contact group, and that Norway, as the contract manager, serve as the coordinator and the main point of contact for this project. The project description and Terms of Reference are to be developed with input from the contact group.
 - ✓ PAME member governments are requested to inform Norway of any changes in their HFO contact group representative by September 30, 2011.
 - ✓ AMSA I(B) co-leads explore opportunities to use the information collected within the HFO study to be accessible in the www.arcticdata.is database.
- AMSA II(C) – Areas of Heightened Ecological and Cultural Significance
 - ✓ Note the status report on the progress of follow-up of AMSA II(C) by AMAP/CAFF/SDWG and look forward to the final draft report by end of year 2011 which will provide the necessary information to start AMSA II(D).
 - ✓ Request that the PAME Chair/Secretariat to communicate with SDWG regarding the inclusion of "cultural significance" information to help ensure the successful completion of the II(C) process.
 - ✓ PAME agreed that areas of cultural significance being identified under II(C) could include underwater cultural heritage such as shipwreck information.
- AMSA II(D) – Specially Designated Arctic Marine Areas

PAME supports the revised work plan and the draft Terms of Reference (Annex II) which will be further developed intersessionally by the AMSA II(D) contact group, for submission to the PAME I-2012 for possible modification and endorsement.
- AMSA III(B) – Arctic Marine Traffic Systems
 - ✓ Direct the PAME Secretariat to invite an appropriate expert in vessel traffic monitoring and information systems (e.g., from the European Maritime Safety Agency - EMSA) to make a presentation on Automated Identification System (AIS), Long Range Identification and Tracking of ships (LRIT), and/or similar ship monitoring/tracking systems that are or may be deployed by Arctic countries to support implementation of III(B).
 - ✓ PAME Chair to invite member governments to submit to PAME I-2012 meeting information on existing national vessel traffic monitoring and tracking systems.
- Welcome the information from EPPR on their follow-up activities on AMSA Recommendations II(F) and III(C), and invite EPPR to inform on progress to PAME I-2012.
- Welcome the information from the Russian Federation on established Marine Rescue Coordination Subcenter (MRCC) in Tiksi which operates during the summer navigation period, as well as the oil spill combating exercise "Arctic 2011" which was held in the water area of the port of Tiksi in August 2011.
- The Meeting noted the update on the scoping paper from AIA and Saami Council as it relates to AMSA II(A) on possible activities to advance a survey of Arctic Indigenous

Marine Use and recommend development of project proposals identified in the paper. Further information on next steps is available in Annex III.

Agenda Item 5: Follow up on the 2009 Offshore Oil and Gas Guidelines

Record of Decisions and Follow-up Actions

- The Meeting noted the status report on the Health, Safety and Environmental (HSE) Management Systems and the Use of Best Operating Practices for Offshore Arctic Oil and Gas Drilling Activities—A Report and Possible Guidelines and look forward to further details on the proposed workshop in 2012.
- The Meeting agreed to the revised timeline for the Arctic Oil and Gas Management, Regulation and Enforcement (MRE) a Legal Regime Web-Based Information Resource project (Annex IV)
- PAME members are requested to update their representative to the oil and gas contact group, if needed, by 15 October and submit information for the website to the PAME Secretariat by 15 November.
- The oil and gas contact group will further develop the website format and content, and supply information to be included for the MRE project in accordance with the revised timeline.
- The oil and gas contact group to explore PAME contributions (The 2009 Offshore Oil and Gas Guidelines and the HSE project) to the SAO task force as it relates to development of recommendations and/or best practices in the prevention of marine oil pollution.

Agenda Item 6: Arctic Ocean Review Project (AOR)

Record of Decisions and Follow-up Actions

- The Meeting welcomed the summary of outcomes from the AOR Phase II Workshop (20-21 September 2011). The AOR co-lead countries will provide a final summary report of the workshop by mid-November 2011 to PAME. This report will be posted on the PAME homepage.
- PAME members to update their representative in the AOR Project Expert Group (PEG) if needed and send such an update to the PAME Secretariat by end of October 2011.
- The Meeting was reminded of the AOR Phase II Work Plan and took note of its main activities and key milestones (refer to Annex V) :

Agenda Item 7: Ecosystem Approach

Record of Decisions and Follow-up Actions

The Meeting agreed to the following:

- PAME Chair to send a letter inviting Arctic Council working groups working on marine-related issues (AMAP, CAFF and SDWG) to participate in the PAME-led Ecosystem Approach (EA) Expert Group on the ecosystem approach to management.
- Co-leads to update the Terms of Reference and the work plan of the EA Expert Group to reflect its expansion and 2011-2013 work plan items, taking into account the Arctic

Council Ecosystem Expert group activities. This update to be sent to the new PAME-led EA Expert Group for review and comments.

- Norway as one of the EA co-leads (Norway and USA) to prepare a concept paper that summarizes previous discussions and agreements on concepts and terminology related to ecosystem approach to management for discussion within the Ecosystem Approach Expert Group for submission to the PAME I-2012 meeting.
- The concept paper will be used to prepare a short brochure on the EA. Draft will be submitted for consideration and agreement at the PAME I-2012 meeting.
- Co-leads to submit the revised LME map to the PAME I-2012 meeting.
- The co-leads, in cooperation with the PAME-led EA Expert Group, to convene a workshop back-to-back with the next PAME meeting to include the following main agenda items:
 - Facilitate exchange of information on the development of ecosystem status reports.
 - Identify possible arrangements and integration of monitoring and assessment.
 - Identify possible elements to the development of the AMSP Phase I 2011-2013 scoping process.
- Await further information on the operational aspect of the new expert group on Arctic ecosystem-based approach to management as per the 2011 Nuuk Declaration in an effort to clarify possible linkages and cooperation with the PAME-led EA expert group

Agenda Item 10: PAME Administration and Next Meeting

Record of Decisions and Follow-up Actions

The Meeting agreed to the following:

- Invite PAME delegations to include IMO experts in their delegations to the PAME I-2012 meeting.
- Request the PAME Secretariat to submit the 2009 version of the Regional Programme of Action (Arctic-RPA), together with a cover letter briefly describing the revised RPA, to the UNEP Global Programme of Action 3rd Intergovernmental Review meeting to be convened 23-27 January 2012 in Manilla.
- PAME Chair to present status and progress on the AOR Project and other projects as relevant to the upcoming SAO meeting 8-9 November 2011.
- The timing and location of the next PAME Meeting Feb/Mar 2012 (location and dates TBD).

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ANNEX II – LIST OF DOCUMENTS

Agenda Item 2 – Introduction and Adoption of the Agenda

- ✓ *Draft Agenda with timeline version 12 September 2011*

Agenda Item 3 – Information from the Chair and Secretariat

Agenda item 3.1 – Nuuk Ministerial and SAO Report to Ministers

- ✓ SAO Report to Arctic Council Ministers Nuuk May 2011
- ✓ Nuuk 2011 Ministerial Declaration
- ✓ PAME Work Plan 2011-2013

Agenda item 3.2 – Swedish Chairmanship Programme 2011-2013

- ✓ Swedish Chairmanship Programme 2011-2013
- ✓ Arctic Resilience Report Scoping Workshop 26-28 September 2011 – draft agenda

Agenda item 3.3 – Arctic Change Assessment (ACA) – scoping workshop

- ✓ ACA scoping workshop draft agenda
- ✓ ACA scoping workshop – preparation and questionnaire

Agenda Item 4– Arctic Marine Shipping Assessment follow-up activities

Agenda Item 4.1 AMSA I(B) actions 1 and 2

Status of IMO's Development of a Polar Code, PAME (II) 11/4.1/AMSA I(B) and annotation

Background Documents I(B):

IMO DE 55/WP.4 – Development of a Mandatory Code for Ships Operating in Polar Waters, 24 Mar 2011

Agenda item 4.1 AMSA I(D) action 1

- ✓ *Strengthening Passenger Ship Safety in Arctic Waters, PAME (II) 11/4.1/AMSA I(D)*
- ✓ *Annotation to AMSA I(D)*

Background Documents I(D):

- ✓ IMO DE/56 14 Apr 2011, Development of Mandatory Code for Ships Operating in Polar Waters - Cruise industry and Arctic State best practices and standards related to safety and environmental protection, Submitted by Denmark and Norway
- ✓ Joint letter to the cruise industry from PAME Chair 15 Jun 2011
- ✓ Joint letter from the cruise industry to PAME 29 Aug 2011

Agenda Item 4.2 AMSA I(B) on Heavy Fuel Oil in the Arctic (HFO) Phase II

- ✓ Proposal for a slightly revised PAME- Phase II project on HFO by Norway, USA, Russia, PAME (II) 11/4.2/
- ✓ Annotation to HFO Phase II

Background Documents I(B)-HFO Phase II:

HFO Phase I Report

Agenda item 4.3 AMSA II(A) – Survey of Arctic Indigenous Marine Use

Update on status of Arctic Indigenous marine Use Survey (AIMUS)

Agenda item 4.4 AMSA II(G) - Addressing Impacts on Marine Mammals (Chair)

Letter to AMAP and CAFF to follow-up on AMSA II(G), PAME (II) 11/4.4/AMSA II(G)

Agenda Item 4.5 AMSA II(C) – Areas of Heightened Ecological and Cultural Significance

Status report from co-leads of the project, Sep 2011, PAME (II) 11/4.4/AMSA II(C)

Agenda Item 4.6 AMSA II(D) – Areas of Heightened Ecological and Cultural Significance

Annotation to AMSA II(D)

Background Documents – AMSA follow-up:

- ✓ AMSA follow-up Matrix on implementation status
- ✓ Status on Implementation of the AMSA 2009 Report, Recommendations, May 2011

Agenda Item 5 - Follow up on the Arctic Offshore Oil and Gas Guidelines (2009)

Agenda 5.1 – Report on Status and next steps on the HSE Project, PAME (II) 11/5.1/HSE

Agenda 5.2 - Arctic Offshore Oil and Gas Management, Regulation and Enforcement (MRE) a Legal Regime Web-Based Information Resource, PAME (II) 11/5.2/MRE Project Description and Outline

Agenda 5.2 - MRE Progress Report, PAME (II) 11/5.2/MRE Progress Report

Background documents:

Arctic Oil and Gas, 2007 Recommendation Matrix for follow-up

Agenda Item 6 – Arctic Ocean Review (AOR) Project

- ✓ AOR Phase II Workshop Agenda (20-21 Sep 2011)
- ✓ AOR Phase II Project Plan and Timeline

Background documents:

AOR Phase I Report

Agenda Item 7 – Ecosystem Approach

- ✓ Ecosystem Approach Progress Report and Annexes, PAME (II) 11/7/ EA Progress Report
- ✓ Annotation to agenda 7-EA

Background documents:

Ecosystem Workshop Report 22-23 of January (Tromso, Norway)

Agenda Item 8 – Update on the Arctic Marine Strategic Plan (AMSP)

Background documents:

- ✓ Implementation status of AMSP
- ✓ 2004 Arctic Marine Strategic Plan (AMSP)

Additional Information

- ✓ PAME Operating Guidelines
- ✓ List of Participants version 12 August
- ✓ PAME Work Plan 2011-2013
- ✓ PAME I-2011 RoDs

ANNEX III - AGENDA

WEDNESDAY, September 21

13:00-13:50

Item 1: Opening of the Meeting

Item 2: Introduction and Adoption of the Agenda (PAME Chair)

Item 3: Information from the Chair and the Secretariat

- 3.1 Outcomes/Guidance from the Arctic Council Ministerial meeting in Nuuk 12 May 2011
- 3.2 Swedish Chairmanship Programme 2011-2013 - Jeanette Krantz/Sweden
- 3.3 Arctic Change Assessment – Helgi Jensson/AMAP Iceland HoD
- 3.4 Collaboration with Arctic Council working groups – Tom Barry/CAFF

13:50-14:00

Transfer of the PAME Chairmanship from Norway to Iceland

14:00-16:00

Item 4: Arctic Marine Shipping Assessment follow-up activities

I. Enhanced Arctic Maritime Safety

- 4.1 AMSA I(B) and I(D) –IMO Polar Code and initiatives to improve Arctic passenger Ship safety (Denmark/USA)
 - ✓ IMO developments on mandatory Polar Code (Denmark)
 - ✓ Report on any developments by the Arctic cruise tourism industry of new or updated best practice guidelines (leads)
 - ✓ Discussions and next steps
- 4.2 AMSA I(B) –Heavy Fuel Oil in The Arctic (HFO) Phase II (Norway/Russia/US)
 - ✓ Update on work plan, ToR and assignment of consultants for supplementary study to explore possible options to (i) prevent vessel accidents; or (ii) to prevent HFO spills in the event of accidents; or (iii) to mitigate adverse effects from any HFO oil spill that may occur as a result of vessel incident - (leads)
 - ✓ Update/status of discussions on possible international actions based on the proposed supplementary study – (leads)
 - ✓ Opportunities to use the information collected within the HFO study to update the 2004 AMSA database
 - ✓ Proposed next steps – (leads)
 - ✓ Discussions of possible international actions and agreement on next steps (RoDs)

II. Protecting Arctic People and the Environment

- 4.3 AMSA II(A) – Survey of Arctic Indigenous Marine Use: Update on activities by AIA and Saami Council

- ✓ Update/status by AIA/Saami Council (TBC)
- 4.4 AMSA II(G) – Addressing Impacts on Marine Mammals (Chair)

THURSDAY, September 22

09:00-11:00

Cont. Item 4: Arctic Marine Shipping Assessment follow-up activities

- 4.5 AMSA II(C) – Areas of Heightened Ecological and Cultural Significance (AMAP/CAFF/SDWG)
 - ✓ Presentation on progress and timeline to finalize II(C).
 - ✓ Discussions, next steps and linkages with the implementation of II (D)
- 4.6 AMSA II(D) – Specially Designated Arctic Marine Areas (Finland/Norway/Russia/US)
 - ✓ Draft work plan and draft ToR (leads)
 - ✓ Discussions and next steps (RoDs)
- 4.7 AMSA II(F) – Oil Spill Prevention
 - ✓ EPPR to provide update
- III. Building the Arctic Marine Infrastructure
- 4.8 AMSA III (C) – Circumpolar Environmental Response Capacity
 - ✓ EPPR to provide update
- 4.9 Presentation on future satellite communication in the Arctic - Frank Zeppenfeldt, European Space Agency

11:00-12:00

Item 5: Follow up on the 2009 Arctic Offshore Oil and Gas Guidelines (OOGG) and OGA - USA

- 5.1 Health, Safety and Environmental Management Systems and the Use of Best Operating Practices for Offshore Arctic Oil and Gas Drilling Activities—A Report and Guidelines
 - ✓ Update by lead on way forward
- 5.2 Arctic Oil and Gas Management, Regulation and Enforcement a Legal Regime Web-Based Information Resource
 - ✓ Update by lead on information received and proposed way forward

13:00-15:00

Item 6: Arctic Ocean Review Project (Canada/Norway/Iceland/Russia/USA)

- ✓ Presentation and summary of AOR Phase I Report
- ✓ Summary of outcomes from the AOR Phase II Workshop (leads)
- ✓ Operational aspects of the AOR Phase II i.e. proposed authors, contributions, timeline and major milestones
- ✓ Discussions and next steps (RoDs)

15:15-17:00

Item 7: Ecosystem Approach (Norway/USA)

- ✓ Summary update from the IUCN Workshop on Ecosystem-based approach to Management of relevance to PAMEs' work on this issue (Norway)
- ✓ Report on progress and implementation as per the EA Work Plan 2011-2013 (leads) to include:
 - Update of revisions to the Arctic LME map (leads)
 - Update on inventory of existing or planned reports relevant to ecosystem status reporting as per the EbM Workshop Jan 2011
- ✓ Draft ToR and objective of the PAME-led expert group on EbM to include other Arctic Council working groups taking into account its role in the updating of the Arctic Marine Strategic Plan (AMSP 2004) – scope, timeline and relationship with other relevant Arctic Council work
- ✓ Discussions and next steps (RoDs)

Item 8: Update the status of the Arctic Marine Strategic Plan (Norway/USA)

- ✓ Proposed scoping process as per PAME Work Plan 2011-2013 (Annex 6) and linkages with the PAME-led expert group on EbM
- ✓ Outreach with other Arctic Council-related activities
- ✓ Discussions and next steps (RoDs)

Breakout Session for AMSA follow-up activities from 13:00-17:00 parallel with plenary, if needed to finalize relevant documents and prepare draft RoDs for further discussion and agreement under Agenda Item 9.

FRIDAY, September 23

09:00-11:00

Item 9: Address any outstanding issues from previous two days

- ✓ Agenda Item 4 - AMSA follow-up activities
- ✓ Agenda Item 5 - OOGG and OGA follow-up
- ✓ Agenda Item 6 - AOR Project
- ✓ Agenda Item 7 - Ecosystem Approach
- ✓ Agenda Item 8 - AMSP Update

11:00-15:00

Item 10: Summary of Meeting Decisions and Follow up Actions (Chair & Secretariat)

- ✓ The PAME Progress Report and deliverables to the SAO meeting November 2011 (Chair)
- ✓ Main Records of Decisions from the meeting (Chair)
- ✓ Next PAME meeting (proposed timing Feb/Mar 2012 and location TBD)

Item 11: Any other business and closing of the Meeting

End of PAME II-2011 Meeting at 15:00 on the 23rd of September

ANNEX IV – Revisions to the HFO Phase II Work Plan 2011-2012, AMSA I (B)

The purpose of the revision is to allow for sufficient time to implement the HFO Phase II project. This regards the deadline for the implementation of tasks 3-7 in the HFO Phase II Work Plan.

AMSA I(B) HFO Phase II Work plan 2011-2012 (copied from the PAME 2011-2013 Work plan, Annex 1, changes in strike out and red)

	What and whom	When
1)	Leads to work out draft project plan for phase II	By 15 January
2)	Discuss and agree on project plan for phase II	At PAME I 2011
3)	Leads with the assistance of the contact group to develop detailed work plan, ToR for the supplementary study to explore possible options, such as amendments to existing, or the need to develop new IMO regulations for the purpose of preventing vessel accidents or preventing HFO spills in the event of accidents in the Arctic Ocean, or mitigate the adverse effects from any HFO spill that does occur as the result of a vessel incident in the Arctic Ocean (Leads and contact group) ³ Assignment of consultants	Between PAME I and II-2011 At PAME II-2011 Before-PAME I-2012
4)	Leads to prepare the 1st PAME plenary discussion on possible international actions based on the draft study referred to above (Leads and the Contact Group ³)	15 August 2011 Before PAME I-2012
5)	PAME II 2011 PAME I-2012 to have a first presentation of the lay out of the study and a thorough plenary discussion of possible international actions	PAME II 2011 At PAME I -2012
6)	Finalize the study referred to in (3) above (Leads, and contact group ³)	15 January 2012 Before PAME II-2012
7)	Prepare a draft report and submit to PAME-I-2012 for consideration (leads)	15 January 2012 Before PAME II 2012
8)	Discuss the draft report and, if possible, agree at PAME in 2012 to one or more consensus draft recommendation(s) to be submitted to the Ministerial Meeting of the Arctic Council for action by member governments	At PAME II 2012
9)	If PAME in the course of 2012 agrees to one or more consensus draft recommendations, submit it (or them) in 2013 to Ministerial Meeting of the Arctic Council s for action by member governments.	At PAME I 2013 (in time to submit to the Ministerial Meeting)

ANNEX V – Revised Work Plan and draft ToR for AMSA II(D)

- ✓ Late autumn 2011: Intersessional agreement by the leads with the assistance of the contact group on a detailed work plan
- ✓ January 2012: Contact meeting between AMSA II(C) and AMSA II(D) experts and co-leads
- ✓ Jan/Feb 2012: Issue tender and enter into contract with consultant
- ✓ PAME-I 2012: To discuss final report on AMSA II(C). Subsequent actions to be considered by PAME
- ✓ PAME I-2012: AMSA II(D) Contact group to report to PAME I-2012. Workshop back to back with PAME I-2012
- ✓ PAME II-2012: To discuss and tentatively agree on recommendations regarding IMO designated or identified protected areas beyond national jurisdiction.
- ✓ AC spring 2013: PAME submits recommendations for IMO designated or identified protected areas to Ministers for their consideration, recognizing that any IMO proposals will be developed and submitted by member governments.

Draft Terms of Reference for the AMSA II(D) project which will be further developed intersessionally by the contact group:

- ✓ Identify candidate areas from the final II(C) project report.
- ✓ Evaluate if any of the identified candidate areas fulfill the relevant IMO criteria for protection measures and conduct analysis as appropriate

ANNEX VI – AMSA follow-up on II(A) By AIA and Saami Council

The Meeting was informed on the upcoming next steps:

- Circulate the scoping paper and have it accessible on the PAME website
- Present a proposal for cooperative activities at the CAFF and AMAP meeting in Moscow in Oct 2011 and seek input for an integrated plan on common interest activities.
- Make efforts to involve the SDWG in this work

ANNEX VII – Revised Timeline for the MRE Project

In order to accommodate this reorganization of information sources and incorporation of other recently submitted information, we ask for an extension of about two months in revised timeline to be approved as follows:

- ✓ September 30, 2011: Countries and others supply requested information for their jurisdictions
- ✓ November 30, 2011: URLs and accompanying site and sub-site text descriptions compiled MRE Web-based Information Resource posted for review on the PAME website (or other).
- ✓ January 31, 2012: Comments received and final web page developed
- ✓ February 29, 2012: Final Draft MREWIR posted for approval
- ✓ April 1, 2012: Final (living document) posted to the web.

ANNEX VIII - AOR Phase II main activities and key milestones

The AOR Phase II detailed work plan and timeline is available as a separated document. Summarized below are the main activities and key milestones:

October 2011 – January 2013: Project Manager and Co-Leads to lead development of the Phase II Report and Recommendations, consulting with experts, etc. and facilitate negotiations on the Report and Recommendations.

Key Milestones:

- ✓ September 2012 – International AOR Workshop/Conference
- ✓ February 2013 – PAME endorsement
- ✓ March 2013 – Senior Arctic Official endorsement
- ✓ April/May 2013 – Arctic Council for Ministerial endorsement