

SAO Plenary Meeting

Centennial Hall Convention Center

Juneau, Alaska, USA

8-9 March 2017

Final Provisional Agenda

Day 1 | Wednesday, 8 March, 2017

7:15-8:15am Breakfast event (by invitation only): SAO Chair meets with Working Group (WG) Chairs and executive secretaries

12:00 Lunch for all delegates

1:00pm Meeting convenes

1. Introduction

1.1 Welcome remarks

1.2 Approval of agenda

2. Reports from other meetings and bodies

2.1 UNFCCC COP 22

Speaker(s): Arni Thor Sigurdsson, Icelandic SAO

Background: Report out on Arctic-related activities at COP 22.

Action: For information

Document(s): None

3. Working Groups: review and approval of proposed deliverables for the 2017 Fairbanks Ministerial and proposed work plans for 2017-2019

Note: It is understood that some items from WGs have already received SAO approval. It is also understood that some deliverables from some WGs may not be ready for approval in Juneau. Such deliverables could be approved subsequently by correspondence.

3.1 SDWG proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Roberta Burns, SDWG Chair

3.1.1 The SDWG Strategic Framework

Background: The Strategic Framework provides a vision and implementation plan to guide the SDWG's work.

Action: For approval

Document(s): (1) SDWG Strategic Vision; (2) Implementation Plan

3.1.2 One Health Report: Policy Recommendations

Background: One Health is an SDWG initiative that explores the relationship between environmental, animal, and human health in the Arctic. Policy recommendations are presented to SAOs/PPs for their consideration and approval.

Action: For approval

Document(s): (1) One Health Report: Policy Recommendations; (2) One Health Report (forthcoming)

3.1.3 EALLU: cookbook of indigenous foods and short film on indigenous food culture with policy recommendations

Background: A collection of work highlighting the cultural significance of food in Arctic communities. Policy recommendations are presented to the SAOs/PPs for their consideration.

Action: For approval

Document(s): (1) EALLU: policy recommendations; (2) EALLU cookbook (forthcoming)

3.1.4 SDWG proposed work plan for 2017-2019

Background: The work plan outlines the group's intended focus for the Finnish Chairmanship.

Action: For approval

Document(s): (1) SDWG Work Plan for 2017-2019

3.2 PAME proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Renee Sauve, PAME Chair

3.2.1 Framework for a Pan-Arctic Network of MPAs: PAME MPA-network toolbox: Area-based conservation measures and ecological connectivity and Indicator Report on Arctic Protected Areas

Background: The PAME MPA-network toolbox focuses on MPAs and other area-based conservation measures as building blocks for designing Arctic MPA networks. With emphasis on incorporation of connectivity the toolbox summarizes key findings and recommendations from a September 2016 PAME MPA science workshop, as well as case studies submitted by Arctic States and PPs. The Arctic Protected Areas Indicator Report catalogues the extent of protected areas across the Arctic and the trends regarding protected area establishment. It helps track progress towards meeting the objectives of PAME and CAFF and supporting Aichi Biodiversity Targets 1 and 11 that in turn contribute towards achieving relevant targets within the Sustainable Development Goals.

Action: For approval

Document(s): (1) Cover letter; (2) PAME MPA-network toolbox: Area-based conservation measures and ecological connectivity (version 3, to be submitted 15 February); (3) Indicator Report on Arctic Protected Areas

3.2.1bis Ecosystem-based Approach to Management: Implementation plan

Background: The Iqaluit declaration (2015) encouraged progress toward implementation of the ecosystem-based management recommendations approved by Ministers in Kiruna, and requested development of practical guidelines for an ecosystem-based approach. The Joint Ecosystem Approach (EA) expert group (EA-EG) is led by PAME with the participation of

AMAP and CAFF. The EA-EG has prepared the report ‘Status of Implementation of the Ecosystem Approach to Management in the Arctic’ based on the outcomes of an international conference. The framework for EA implementation outlined in the report can serve as the basis for practical guidelines for an ecosystem-based approach, as requested by Ministers in Kiruna (2013).

Action: For approval

Document(s): (1) Status of Implementation of the Ecosystem Approach to Management in the Arctic (*to be submitted on 15 February*)

3.2.2 Arctic Ship Traffic Data (ASTD) project

Background: The ASTD project responds to increased attention and activities of shipping in the circumpolar Arctic by providing a password-protected online platform for analyzing shipping activities in the Arctic. The ASTD project data will be available to all Working Groups as an aid to their work by providing access to reliable, accurate and comprehensive Arctic shipping data and information.

Action: For approval and possible signature by SAOs

Document(s): (1) ASTD Cover letter; (2) MOU Among the Arctic States Regarding Arctic Ship Traffic Data Sharing including Attachment 1: Form for a Standard Agreement on Access to and use of ASTD Data; and Attachment 2: Sample of a Data Sharing Agreement

3.2.3 Arctic Regional Reception Facilities plan (RRFP)

Background: The RRFP plan includes proposals for the development of regional ship’s waste management strategies with the goal of 100% compliance with IMO’s MARPOL Convention and Polar Code Amendments to MARPOL and all other MARPOL provisions as they apply to ships and port States. Ships operating in polar waters, including ships based in the Arctic and near-Arctic as well as ships transiting Arctic waters (e.g., Northern Sea Route and Northwest Passage), will face unique challenges. The plan’s two annexes provide a path forward for Arctic States, through their IMO Delegations, to bring this work to the attention of the IMO’s Marine Environment Protection Committee (MEPC) for consideration (Annexes I and II).

Action: For approval

Document(s): (1) Regional Waste Management Strategies for Arctic Shipping, Regional Reception Facilities Plan (RRFP) including Annex I: Regional Reception Facilities Plan (RRFP) - Outline and Planning Guide for the Arctic, and Annex II: Regional Reception Facilities Plan (RRFP) - Working Paper draft IMO Submission to a future IMO MEPC meeting.

3.2.4 PAME proposed work plan for 2017-2019

Background: The PAME 2017-2019 work plan was approved at the PAME I-2017 meeting (29 Jan – 1 Feb).

Action: For approval

Document(s): (1) PAME 2017-2019 work plan for the SAO Report to Ministers

3:30pm Coffee Break (~15 minutes)

3.3 EPPR proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Amy Merten, EPPR Chair

3.3.1 Status report on implementation of the “Framework Plan for Cooperation on Prevention of Oil Pollution from Petroleum and Maritime Activities in the Marine Areas of the Arctic”

Background: Status report on implementation identifies follow-up activities that support the objectives in the Framework Plan. The report includes input from Arctic States, Permanent Participants, Arctic Council working groups and relevant stakeholders capturing activities that are already taking place. The report will be used to identify gaps in follow-up and encourage development of initiatives in these areas.

Action: SAOs/PPs may wish to review the report and consider approving it for delivery to the Ministers for final approval.

Document(s): (1) Arctic Council status on implementation of the “Framework Plan for Cooperation on Prevention of Oil Pollution from Petroleum and Maritime Activities in the Marine Areas of the Arctic”

3.3.2 This item has been withdrawn from the agenda

3.3.3 Database of Arctic Response Assets

Background: The project has created a stand-alone, searchable database of major response assets in the Arctic. The database is linked into Arctic ERMA, displaying both government and industry owned equipment.

Action: For approval

Document(s): (1) Database and user manual

3.3.4 Agreement on Cooperation on Marine Oil Pollution Preparedness and Response (MOSPA) After Action Report

Background: On 13 June 2016, under the leadership of the United States, the 2nd functional table top exercise (TTX) of the MOSPA Agreement took place. The TTX was considered a success, and EPPR has approved the After Action Report (AAR) which highlights observations, recommendations and best practices. The AAR will provide the background for the next exercise planning cycle and recommendations for updating the Operational Guidelines attached to the MOSPA.

Action: For approval

Document(s): (1) After Action Report (AAR) from the 2nd TTX of the MOSPA Agreement

3.3.5 Standardization as a tool for prevention of oil spills in the Arctic

Background: The project International Standards for Petroleum, Offshore-Oil and Maritime Industries aims to provide a brief introduction to how standards for the offshore and maritime petroleum industry are developed, maintained and followed up.

Action: For approval

Document(s): (1) Full and summary reports: standardization as a tool for prevention of oil spills in the Arctic

3.3.6 EPPR proposed work plan for 2017-2019

Background: EPPR WG met in December to discuss the work plan and have submitted drafts to the SAO Chair on January 16 and February 27.

Action: For approval

Document(s): (1) EPPR work plan for 2017-2019

3.4 CAFF proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Reidar Hindrum, CAFF Chair

3.4.1 State of the Arctic Marine Biodiversity Report

Background: The State of the Arctic Marine Biodiversity Report (SAMBR) is a product of CAFF's Circumpolar Biodiversity Monitoring Program (CBMP). It is a synthesis of the state of knowledge about biodiversity in Arctic marine ecosystems, detectable changes, and

important gaps in our ability to assess the state and trends of sea ice biota, plankton, benthos, fishes, seabirds and marine mammals. By compiling available information, this report provides an important step to identify knowledge gaps in circumpolar biodiversity monitoring efforts. The SAMBR summary report presents key findings, snapshots of trends, the status of Arctic biodiversity monitoring efforts, and advice on how to improve current biodiversity monitoring. The SAMBR summary report was approved at the CAFF Biennial (Feb 1-2).

Action: For approval

Document(s): (1) The State of the Arctic Marine Biodiversity summary report: key findings and advice on monitoring

3.4.2 This item has been withdrawn from the agenda

3.4.3 CAFF proposed work plan for 2017-2019

Background: The CAFF 2017-2019 work plan was approved at the CAFF Biennial (Feb 1-2).

Action: For approval

Document(s): (1) CAFF 2017-2019 work plan for the SAO Report to Ministers

3.4.4 Preview of other CAFF items that will require guidance or future approval

Background: CAFF will update the SAOs and PPs on items they anticipate being completed after the Juneau SAO meeting and that will likely come to them for intersessional approval. As time allows, CAFF will also provide an update on the progress of the implementation of the Actions for Arctic Biodiversity 2013-2021. CAFF has recently completed an evaluation of implementation during 2013-2017 using a set of performance indicators looking at effectiveness, engagement, dissemination and impact.

Action: For information and guidance

Document(s): (1) Arctic Biodiversity 2013-2021: implementing the ABA recommendations: progress report

6:00pm Adjourn for the Day

Day 2 | Thursday, 9 March, 2017

7:15-8:15am Breakfast event (by invitation only): SAO Chair meets with Observer HoD.

8:30am SAO meeting convenes

4. Update on the Polar Code

Speaker(s): IMO Secretary General

Background: The mandatory Polar Code entered into force on 1 January, 2017. The Code addresses international concerns about the protection of the polar environment and the safety of seafarers and passengers with the introduction of new regulations that all ships operating in polar waters must comply with.

Action: For information

Document(s): None

3. (Cont.) Working Groups: review and approval of proposed deliverables for the 2017 Fairbanks Ministerial and proposed work plans for 2017-2019

3.5 AMAP proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Martin Forsius, AMAP Chair

3.5.1 Adaptation Actions for a Changing Arctic (AACA)

Background: In 2011, the Arctic Council requested that AMAP “produce information to assist local decision makers and stakeholders in three pilot regions in developing adaptation tools and strategies to better deal with climate change and other pertinent stressors”. The AMAP Heads of Delegations have approved overview reports for the three AACA regions: Barents,

Bering-Chukchi-Beaufort, and Baffin Bay-Davis Strait. The three overview reports are based on the three scientific reports produced for the three regions and these have been through national and international peer-reviews.

Action: For approval.

Document(s): (1) AACA Overview report – Barents Area; (2) AACA Overview report – Bering-Chukchi-Beaufort (BCB) region; (3) AACA Overview report – Baffin Bay-Davis Strait Region

3.5.2 SWIPA Update assessment: Summary for Policy-makers

Background: AMAP has completed an update of the AMAP 2011 assessment report on “Snow, Water, Ice and Permafrost in the Arctic” (SWIPA). The report “Snow, Water, Ice and Permafrost in the Arctic; Summary for Policymakers, 2017” is based on a scientific assessment that has been through national and international peer-reviews.

Action: For approval

Document(s): (1) Snow, Water Ice and Permafrost in the Arctic; Summary for Policymakers, 2017

3.5.3 Contaminants of emerging Arctic concern assessment: Summary for Policy-makers

Background: AMAP has completed a scientific assessment on “Chemicals of Emerging Arctic Concerns” (CEAC). The presented report “Recommendations Sections of Chemicals of Emerging Arctic Concerns, Summary for Policymakers” is based on the CEAC scientific assessment that has been through national and international peer-reviews.

Action: For approval

Document(s): (1) Recommendations Section of Chemicals of Emerging Arctic Concern, Summary for Policymakers

3.5.4 AMAP proposed work plan for 2017-2019

Background: AMAP Heads of Delegations have agreed upon a work plan for 2017 – 2019. The presented document covers the priority work for 2017 – 2019.

Action: For approval

Document(s): (1) AMAP work plan for 2017-2019 (Contribution to the Senior Arctic Officials Report to Ministers)

3.5.5 Arctic Resilience Report (ARR): Synthesis for Arctic Leaders (SfAL)

Background: The ARR team has produced an ARR Synthesis for Arctic Leaders (SfAL) based on the scientific report. AMAP agreed to serve as the Working Group reporting channel for the ARR since it does not sit directly within one of the Arctic Council Working Groups. The AMAP Working Group reviewed the ARR Synthesis for Arctic Leaders and found it to be consistent with AMAP's published work on Arctic climate change and other work. The views expressed in the ARR and its Synthesis for Arctic Leaders are the responsibility of the lead authors of the ARR and do not necessarily reflect the views of the AMAP Working Group.

Action: For approval

Document(s): (1) Arctic Resilience Report: Synthesis for Arctic Leaders (SfAL)

10:30am Coffee Break (~15 minutes)

3.6 ACAP proposed deliverables for the Fairbanks Ministerial and work plan for 2017-2019

Speaker(s): Ulrik Westman, ACAP Chair

3.6.1 Framework for CLEO

Background: Expansion of the Circumpolar Local Environmental Observer Network (CLEO) has progressed at a rapid pace. In completing Phase I, two new LEO hub chapters were launched in Canada in 2016/2017, and Phase II, expansion of the network to the Nordic region is on track. Two workshops to further develop the network were held - June 2016, in Inari, Finland and January 2017 in Kiruna, Sweden. These workshops resulted in the Framework for Expansion for CLEO. ACAP is seeking approval for the report and that SAOs and Ministers note the expansion of hubs in Canada.

Action: SAOs/PPs may wish to note the expansion of the hubs in Canada and to review the Framework and consider approving it for delivery to Ministers for final approval.

Document(s): (1) Framework for CLEO Expansion

3.6.2 Reduction of Black Carbon from Diesel Sources in the Russian Arctic-TUNDRA Reindeer Farm

Background: The Tundra Project aimed to reduce emissions of black carbon (BC) from a diesel-fueled, stationary, off-grid power source in the Russian Arctic. The Tundra Reindeer Farm Project and the recently-completed Karelia Valday Cluster of projects are the first black carbon mitigation projects to have been proposed and implemented through the PSI. These projects are intended to demonstrate the viability of renewable energy sources in the

Arctic as well as highlight the health, environmental, and long-term economic benefits associated with a shift to renewables.

Action: For approval

Document(s): (1) Reduction of Black Carbon from Diesel Sources in the Russian Arctic-TUNDRA Reindeer Farm

3.6.3 Report “Assessment potential air emissions of dioxins/ furans, particulate matter, and heavy metals from Vorkuta Cement Plant when using conventional and complementary fuels” and Report “Feasibility Study for dioxin mitigation and other environmental pilot measures at the Vorkuta Cement Plant in the Komi Republic”

Background: ACAP continues to support a pilot project at the Vorkutinskiy Cement Plant (VCP) in Vorkuta, Komi Republic. The objective of this work is to demonstrate possibilities to implement environmentally sound and economically effective projects in Russia within the framework of the Stockholm Convention on Persistent Organic Pollutants (POPs). The first report summarizes the sampling and analysis assignment and the second report is the feasibility study for the VCP action plan.

Action: For approval

Document(s): (1) “Assessment potential air emissions of dioxins/ furans, particulate matter, and heavy metals from Vorkuta Cement Plant when using conventional and complementary fuels”; (2) Report “Feasibility Study for dioxin mitigation and other environmental pilot measures at the Vorkuta Cement Plant in the Komi Republic”

3.6.4 ACAP proposed work plan for 2017-2019

Background: ACAP WG met in January 2017 to discuss the work plan. Drafts of the work plan have been submitted to the SAO Chair on January 20 and February 27.

Action: For approval

Document(s): (1) ACAP work plan for 2017-2019

3.7 Working Group Progress reports

Background: The six Working Groups have all prepared progress reports with updates on all ongoing work. No oral presentation will be given under this item, but SAOs/ PPs are invited to put forward any additional clarifying questions they may have regarding the ongoing and planned work in the WGs.

Action: For information

Document(s): WG progress reports with list of proposed deliverables for 2017 Ministerial meeting

12:00pm Lunch

1:00pm Reconvene

5. Task Force and other subsidiary bodies: Review and approval of proposed deliverables for the 2017 Fairbanks Ministerial

5.1 Black Carbon and Methane Expert Group (EGBCM)

Speaker(s): tbc

Background: The Expert Group in support of implementation of the Framework for Action on Black Carbon and Methane held its third and last meeting in October 2016 in Washington D.C. At the meeting, the EGBCM made progress in the finalization of a “Summary of Progress and Recommendations” report. The report has subsequently been finalized and includes summaries of current black carbon and methane emissions and projections for Arctic and Observer States, where available; a number of recommendations for enhanced action in four priority sectors as well as an ambitious, aspirational and quantitative collective goal on black carbon. In line with the Framework for Action adopted by Ministers in 2015, it is envisaged that the EGBCM will continue its work during upcoming Arctic Council Chairmanships.

Action: SAOs/PPs may wish to review the “Summary of Progress and Recommendations” report and consider approving it for delivery to the Ministers for final approval.

Document(s): (1) Summary of Progress and Recommendations Report from the EGBCM

5.2 The Task Force for Enhancing Scientific Cooperation in the Arctic (SCTF)

Speaker(s): Vladimir Barbin, Russian SAO

Background: Under the co-chairmanship of representatives from the Russian Federation and the United States, the Scientific Cooperation Task Force met five times in between 25

February 2015 and 6 July 2016 to negotiate the text of a legally-binding agreement on scientific cooperation, building on work including preliminary texts developed under the task force during the previous chairmanship. The Scientific Cooperation Task Force concluded its work by elaborating the text of a legally-binding agreement on scientific cooperation in the Arctic for signature by the Ministers at the Fairbanks Ministerial, per its mandate. The draft agreement is currently undergoing final procedures within each Arctic State to allow for signature by the respective foreign ministers in Fairbanks.

Action: SAOs/PPs may wish to review the agreement and consider approving it for delivery to the Ministers for final approval.

Document(s): None

5.3 The Task Force for Arctic Marine Cooperation (TFAMC)

Speaker(s): Arni Thor Sigurdsson, Icelandic SAO

Background: The Task Force held its fifth and last meeting in January 2017 in Copenhagen, Denmark, where the final elements of their report was discussed. The report considers future needs for strengthened cooperation on Arctic marine areas, as well as possible mechanisms to meet these needs including the nature and scope of any such mechanism. In the report it is recommended to continue the Task Force during the upcoming chairmanship.

Action: SAOs/PPs may wish to review the Task Force report and consider approving it for delivery to the Ministers for final approval.

Document(s): (1) Final report from the TFAMC

5.4 The Task Force on Telecommunications Infrastructure in the Arctic (TFTIA)

Speaker(s): Niels Andersen, TFTIA co-chair

Background: The TFTIA was established at the 2015 Ministerial Meeting in Iqaluit, Canada. The TFTIA is co-chaired by Norway and the Kingdom of Denmark. The fourth meeting of the TFTIA took place in Helsinki, Finland in December 2016. For this SAO meeting, the TFTIA presents the most current draft of its final report. This is the SAOs opportunity to offer comment, and – in particular – raise any issues of concern with the report, before the TFTIA finalizes its product as a ministerial deliverable.

Action: SAOs/PPs are asked to review the document thoroughly, identify any significant issues with the report, and – if no significant issues are identified – consider approving this draft of the report as a nearly-final version of the expected ministerial deliverable.

Document(s): (1) TFTIA draft report

5.5 Arctic Resilience Action Framework

Speaker(s): Joel Clement, U.S. Department of the Interior

Background: The Arctic Resilience Action Framework (ARAF) articulates a set of principles and priorities for building resilience in the Arctic. The ARAF also suggests a voluntary mechanism to encourage actions that address the ARAF priorities and enhance coordination on resilience. A draft ARAF was presented at the October 2016 SAO Meeting, and feedback has since been incorporated into this revised version.

Action: SAOs/PPs may wish to review the final ARA Framework and consider approving it for delivery to the Ministers for final approval. SAOs should also consider what role, if any, the ACS should play in the implementation of the ARA Framework.

Document(s): (1) Arctic Resilience Action Framework

6. Presentation of Finnish Chairmanship Program 2017-2019

Speaker(s): Aleksi Härkönen, Finnish SAO

Background: In preparation for the upcoming Finnish Chairmanship of the Arctic Council, the Finnish SAO will give an update on their plans and the chairmanship program for 2017-2019.

Action: For information. SAOs/PPs are asked to review the document and submit comments in writing to the Finnish Chairmanship Team by 24 March, 2017.

Document(s): (1) Exploring Common Solutions – Finland's Chairmanship Program for the Arctic Council 2017-2019

3:00pm Coffee Break (~15 minutes)

7. Strengthening the Arctic Council

7.1 Arctic Council Secretariat annual report from 2016

Speaker(s): Magnus Johannesson, ACS Director

Background: The Arctic Council Secretariat has finalized and submitted its annual report from the year 2016.

Action: The SAOs/ PPs are invited to take note of the ACS annual report and consider approving the 2016 ACS accounts and external auditor's report.

Document(s): (1) 2016 ACS Annual Report

8. Other Business

8.1 The Arctic Council in Conferences of Parties

Speaker(s): *Alexi Härkönen, Finnish SAO*

Background: Two major COPs with relevance to the work of the Arctic Council – the UNFCCC and the Minamata Convention on Mercury Pollution – are scheduled to take place in the fall of 2017. The Arctic Council and its subsidiary bodies have provided relevant scientific information to the work of UNFCCC and contributed to the conclusion of the Minamata Convention. The Finnish SAO will provide a proposal to highlight the work of the Council in the conferences.

Action: SAOs/PPs may wish to discuss how the work of the Arctic Council could be highlighted in the COPs.

Document(s): (1) Discussion paper prepared by Finland

5:00pm Adjourn

List of documents submitted for information

Info Doc 1: Amarak: Arctic Council Tracker

Info Doc 2: Update and progress report from PSI

Info Doc 3: Traditional Knowledge and CAFF 2015-2017: Progress Report

Info Doc 4: Arctic Biodiversity Data Service (ABDS): Progress Report

Info Doc 5: Arctic Migratory Bird Initiative (AMBI) Mid-Term evaluation

Info Doc 6: Traditional Knowledge and Wisdom: changes in the North American Arctic

Info Doc 7: 4th AMSA Implementation Progress Report for the period 2015-2017

Info Doc 8: Terms of Reference for the Arctic Shipping Best Practices Information Forum.

Info Doc 9: Meaningful Engagement of Indigenous Peoples and Local Communities in Marine Activities (MEMA) Part I Report

Info Doc 10: MEMA Workshop Report

Info Doc 11: The 2015 – 2017 Progress Report of the Joint Ecosystem Approach Expert Group (EA-EG)

Info Doc 12: The Summary Report of the International Science and Policy Conference on the Status of Implementation of the Ecosystem Approach in the Arctic.

Info Doc 13: 1st Report on progress/implementation of the 2015-2025 Arctic Marine Strategic Plan (AMSP) – working document