

IALA COUNCIL 64th session



13-16 June 2017
Incheon
Republic of Korea

13 – INTERNATIONAL

13.4 –Arctic Matters

13.4.2 – IALA Arctic Seminar

Note by the Secretariat

1. BACKGROUND

In 2010, delegates from Canada, Denmark, Norway, Russia, and the United States as well as the IHO met at IALA headquarters in France to discuss the marking of polar traffic routes. As delegates from the five Arctic states and the chairs of IALA's technical committees presented their perspectives on the current challenges in the Arctic, several common themes emerged.

For example, several noted the need for a more reliable communication infrastructure in the Arctic, with the lack of full communications coverage in shipping areas and the need to provide effective warnings to mariners. IALA also noted that traditional physical marine aids to navigation would be “unrealistic” in certain Arctic waters, due to the remoteness and harsh environment of the region.

At the conclusion of the meeting, the delegates from the five circumpolar Arctic states and IALA adopted a resolution agreeing to strive for harmonisation of their approaches to the risks of navigating in Arctic waters. In doing so, the five nations expressed a desire to explore the potential of a common Arctic ship reporting and data sharing system, an approach to Arctic marine traffic awareness and monitoring, and a harmonised system of marine aids to navigation.

This resolution was seen by the participating states, as a first step in developing a common approach to addressing “the risks inherent in the expansion of marine traffic” in the Arctic. As part of the resolution, IALA agreed to provide a forum for later discussions on navigation safety in the Arctic. It also resolved to support the nations in:

- enhancing marine traffic awareness;
- establishing ship reporting and data sharing systems;
- marking polar routes and development of virtual aids to navigation;
- application of risk management methodology; and
- discussing the importance of improving hydrographic services in the region.

IALA's resolution was also forwarded to the IMO and the Arctic Council, and the states present agreed to meet annually through the IALA forum on Arctic navigation safety issues.

2. DISCUSSION

During 2016, IALA and IHO had agreed to host a follow-up Arctic Seminar at IALA HQ, however with a change of organisational structure planned for IHO in 2017, IHO felt unable to offer sufficient support and asked IALA to manage the Seminar.

The Seminar is now planned for 9 and 10 November 2017 at IALA HQ.

Planning is still in progress and a rough timetable is attached at the Annex.

3. THE COUNCIL IS REQUESTED TO

Note.



4. ANNEX

DAY 1 – Thursday 9 November 2017

Registration 09:30 - 10:00

Session 1 10:00: Background and purpose of the Seminar

- IALA SG – background and purpose

IALA technical work to date

- IALA DSG – IALA's strategic vision and technical work
- ENG Chair Simon Millyard - Aids to Navigation in cold climate/polar regions

Arctic Council viewpoint

- AC – The work of the AC and its technical working groups

Session 2 10:45: Climate and weather scene, future trends

Traffic trends for commercial shipping

- Russia – The Northern Sea Route, recent trends in use
- CLIA – Trends for Cruising Tourism in the Arctic, and consequent needs for safety
- ICS– ICS view
- Intertanko – Commercial aspects of Arctic routes
- BIMCO– BIMCO view

Hydrographic status and plans

- IHO – Present hydrographic data and surveying plans
- NI, David Snider – Arctic navigation with today's charts

11:30: Coffee/tea break

Session 3 11:45: Arctic States' views on present status and needs for Arctic navigation

- Norway
- USA [USCG]
- Russia
- Canada
- Others
- Chile The view from the Antarctic

12:30: Lunch break

Session 3 (continued) 13:30: Arctic States' views on present status and needs for Arctic navigation

- Denmark [?] Maritime services in Denmark's Arctic region
- Canada [?] AtoN provision and hydrographic surveying in Canada's north
- USA [?] Provision of aids to navigation and maritime services
- Norway

15:00: Coffee/tea break



Session 3 (continued) 15:30: Arctic States' views on present status and needs for Arctic navigation

- Xx
- Xx
- IALA/Neutral Chair [?] Conclusions for Day1

17:00: End of the day

DAY 2 – Friday 10 November 2017

Session 4 09:00: Maritime services and aids to navigation

- Norway [Jon Leon Ervik] A vision for maritime services in the Arctic

Session 5 10:00: Traffic awareness

- PAME– PAME plans/views for an Arctic traffic awareness scheme
- Russia [?] – Northern Sea Route reporting system
- IALA – Future satellite VDES services in the Arctic and the value for vessel tracking
- Norway [?] – Traffic monitoring along the Norwegian coast

10:45: Coffee/tea break

Session 6 11:00: Position fixing systems

- IALA - Satellite positioning in the Arctic
- ESA] - EGNOS service for maritime use
- Russia - Vision for radionavigation services in the Arctic

Session 7 11:45: Conclusions and closing

- IALA [DSG] Conclusions
- IALA [SG] Closing

12:30: Lunch