

# ARCTIC SHIPPING BEST PRACTICE INFORMATION FORUM



**5th ANNUAL MEETING AGENDA  
16-18 NOVEMBER 2021**

*Meeting theme: The Polar Code - Nearly Five Years On*

**PAME**

Protection of the Arctic Marine Environment

**DAY 1: 16 NOVEMBER****1****OPENING SESSION****14.00****Welcome & Opening Remarks - Russian Federation**

Dr. Vitaly Klyuev (Director, Department of the State Policy for Maritime and Inland Waterways Transport, Ministry of Transport of the Russian Federation) & Mr. Sergey Tolmachev (Forum Chair)

**14.05****Arctic Shipping Best Practice Information Forum Developments**

Mr. Peter Oppenheimer and Mr. Drummond Fraser (Co-chairs of PAME's Shipping Expert Group)

**14.10****Forum Web-Portal Update ([www.arcticshippingforum.is](http://www.arcticshippingforum.is))**

Mr. Michael Kingston (Michael Kingston Associates, Special Advisor to PAME)

**14.20****Shipping in the Arctic Polar Code Area: Recent Developments**

Mr. Hjalti Hreinsson (PAME Secretariat)

**14.30****Update from the IMO**

Dr. Heike Deggim (Director, Maritime Safety Division, IMO)

**14.45****Discussion****2****SUPPORTING AWARENESS, INTERPRETATION, AND IMPLEMENTATION OF THE POLAR CODE****15.00****Interpretation of the Polar Code: Status of the PAME Project**

Ms. Turid Stemre (Director IMO Affairs, Norwegian Maritime Authority)

**15.15****Organization of Navigation in the Water Area of the Northern Sea Route, Including the Implementation of the Polar Code**

Mr. Nikolay Monko (Acting Head of the Northern Sea Route Administration, the Russian Federation)

**15.30****Insurers and the Arctic**

Mr. Neil Roberts (Head of Marine and Aviation, Lloyd's Market Association)

**15.45****Discussion***HEALTH BREAK*

# 3

## SEARCH AND RESCUE & EMERGENCY MARINE PREPAREDNESS AND RESPONSE IN THE ARCTIC

16.00

### Providing Search and Rescue Services in the Arctic Region

Mr. Yury Malyshev (Deputy Head, Marine Rescue Coordination Center of the Marine Rescue Service of the Russian Federation)

16.15

### The Arctic Council's Emergency Prevention, Preparedness and Response Working Group (EPPR) and the role of EPPR's Search and Rescue Expert Group

Mr. Benjamin Strong (Chair of EPPR Search and Rescue Expert Group)

16.30

### Arctic Guardian Exercise in Search and Rescue and Marine Environmental Response in the Arctic

Mr. Steve Thompson (Chair, Combined Operations Working Group - Arctic Coast Guard Forum)

16.45

### Discussion & Closing of Day 1

17.00

*END OF DAY 1*

## DAY 2: 17 NOVEMBER

14.00

### Opening of the Meeting and Day 1 Recap

Mr. Sergey Tolmachev (Forum Chair)

# 4

## ICE NAVIGATION AND ICE PILOTAGE IN THE ARCTIC

14.05

### Ice Pilotage in the Russian Arctic

Capt. Vasily Ilyin (Deputy Director for Safety of Navigation of the Russian Federation Federal State Unitary Enterprise - 'Rosmorport', Arkhangelsk Branch)

14.20

### Ice Navigation and Pilotage in the Arctic

Capt. Duke Snider (CEO of Martech Polar)

14.35

### Live from the Bridge of the Swedish Icebreaker ODEN

Capt. Mattias Pettersson (Master, Icebreaker *Oden*), Mats Wisén (Chief Officer)

14.50

### Discussion

# 5

## ARCTIC VOYAGE PLANNING

15.00

### Navigation and Information Support of Voyage Planning in the Northern Sea Route: the Case of a Conventional Icebreaker of FSUE "Rosmorport"

Mr. Nikolay Zelenkov (Deputy Director for Maritime Safety of the Russian Federation Federal State Unitary Enterprise "Rosmorport", Murmansk Branch)

15.15

### Voyage Planning: Forum of Arctic Research Operators (FARO), The Polar Code, Logistics & Safety

Dr. Jennifer L. Mercer (Office of Polar Programs, National Science Foundation (USA) & Chair, Forum of Arctic Research Operators (FARO)) & Dr. Åsa Lindgren (Head of Department for the Ship-Based Research Support, Swedish Polar Research Secretariat)

15.30

### Considerations when Planning for Multi-Ship Ice Management Operations in Polar Waters

Mr. Åke Rohlen (Chairman of Arctic Marine Solutions)

15.45

### Discussion

*HEALTH BREAK*

# 6

## NAVIGATIONAL SAFETY SERVICE PROVIDERS

16.00

### Communications in the Arctic Region

Mr. Kyle Hurst (Director Maritime Safety and Security Services, IRIDIUM)

16.15

### Collaboration in Arctic Hydrography for Maritime Safety and the Protection of the Arctic Marine Environment

Dr. Geneviève Béchard (Chair of the Arctic Regional Hydrographic Commission, Hydrographer General of Canada and Director General for the Canadian Hydrographic Service); Collaborations in Arctic Hydrography to Maritime Safety and the Protection of the Arctic Marine Environment)

16.30

### Sea Ice Information: Charts, Data Products, and Forecasts

Ms. Florence Fetterer (U.S. National Snow & Ice Data Center Liaison to National Oceanic and Atmospheric Administration)

16.45

### Discussion & Closing of Day 2

*END OF DAY 2*

## DAY 3: 18 NOVEMBER

14.00

**Opening of the Meeting, Day 2 Recap and Virtual Group Photo**

Mr. Sergey Tolmachev (Forum Chair)

# 7

## THE HUMAN ELEMENT: TRAINING FOR ARCTIC SHIPPING

14.05

**Ice Training**

Mr. Jarkko Toivola (Chief Maritime Specialist, Director, Waterways, Head of Maritime Unit Finnish Transport Infrastructure Agency)

14.20

**IMO Training Regarding Polar Shipping**

Mr. Milton Baron-Perico (Technical Officer, Maritime Safety Division, IMO)

14.35

**Development of an Inventory of Ice Training Institutes and Training Courses**

Mr. Hervé Baudu (Senior Lecturer in Nautical Science, French Maritime Academy)

14.50

**Training of Personnel and Implementation of Research Projects for Arctic Shipping: Admiral Makarov University Perspective**

Mr. Sergey Aysinov (Director of Professional Development Programmes Institute of Admiral Makarov State University of Maritime and Inland Shipping, Russian Federation)

15.05

**Discussion**

*HEALTH BREAK*

# 8

## FORUM PARTICIPANTS UPDATE

15.25

**Perspectives on Scope and Implementation of the Polar Code**

Mr. Jan Dusik (Sustainable Development Lead, WWF Arctic Programme) & Dr. Sian Prior (Shipping Advisor, Antarctic and Southern Ocean Coalition)

15.40

**Transmitting Current, Relevant Safety and Environmental Information to Vessels Operating in Arctic Waters**

Capt. Ed Page (Executive Director, Marine Exchange of Alaska)

15.55

**Discussion**

16.05

**Status Update**

Mr. Rob Hindley (Head of Machinery & Structural Design, Aker Arctic) &  
Mr. James Bond (Director, Polar Research and Ice Class Ships, American Bureau of Shipping)

16.20

**Discussion**

10

**CLOSING SESSION**

16.30

**Forum Developments, Next Steps and Discussion**

Mr. Peter Oppenheimer and Mr. Drummond Fraser (Co-chairs of PAME's Shipping Expert Group)

16.55

**Closing Remarks**

Mr. Sergey Tolmachev (Forum Chair)

17.00

*END OF MEETING*