

Agenda: ARHC Arctic Science Forum

****VTC Meeting****

Tuesday, August 11, 2020

7:30AM to 11:30AM EDT (13:30 to 17:30 CEST)

Materials for the meeting: <https://iho.int/en/arhc10-2020>

GoToWebinar Registration: <https://register.gotowebinar.com/register/1103968356690504462>

| # | Agenda Item | Speakers | Est. Time (CEST) |
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| | Sign in to GoToWebinar | All **Organizers recommend signing in 10 minutes before meeting start time** | 7:20am EDT 13:20 CEST |
| 1 | Welcome and Introductions | *RDML Shepard Smith (Director, Office of Coast Survey, NOAA) | 7:30am EDT 13:30 CEST (5 mins) |
| 2 | Arctic Council--Protection of the Arctic Marine Environment (PAME) | *Hjalti Hreinsson (Program Officer, PAME) | 7:35am EDT 13:35 CEST (20 mins) |
| | | This session will highlight Arctic Ship Traffic Data. What are traffic patterns showing in the Arctic? What problems is this highlighting? | |
| 3 | Arctic Council--Emergency Preparedness Planning and Response Working Group (EPPRWG) | *CDR Wes James (U.S. Coast Guard Headquarters, Office of Marine Environmental Response Policy, International and Domestic Preparedness) | 7:55am EDT 13:55 CEST (15 mins) |
| | | This session will introduce the Emergency Preparedness Planning and Response Working Group (EPPRWG). | |
| 4 | S-100 in the Arctic | Intro: Julia Powell (Chief, Navigation Services Division, NOAA OCS) *Dr. Jürgen Holfort (German Federal Maritime Agency (BSH) Head of ice service Germany) *Joseph Sienkiewicz (Branch Chief, Ocean Applications Branch, Ocean Prediction Center, National Weather Service, NOAA) | 8:10am EDT 14:10 CEST (25 mins) |
| | | Precision Navigation and Services, Next generation ice services (S-100) | |

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| | | <p>What new layers are being developed that might help in the region</p> <ul style="list-style-type: none"> • Ice extents? / Expanded Surface Currents, Water Levels / Wx layers | |
| 5 | University of New Hampshire Greenland Bathymetry | <p>*Larry Mayer (Director Center for Coastal and Ocean Mapping, University of New Hampshire and Seabed 2030 Arctic and North Pacific Ocean Regional Center co-Head)</p> <p>This session will touch on a recent Greenland expedition (2019).</p> | 8:35am EDT 14:35 CEST (15 mins) |
| 6 | Developing International Cooperation to Understand Arctic Change (UKHO Sponsored) | <p>*Henry Burgess (Head, Natural Environment Research Council Arctic Office, British Antarctic Survey)</p> <p>This short presentation will outline the importance of dedicated national research programmes and international research cooperation in understanding the pace and direction of unprecedented environmental change in the Arctic. Please click here to view a supporting Paper.</p> | 8:50am EDT 14:50 CEST (15 mins) |
| Part One Discussion/Q+A Time (20 mins) 9:05am EDT/15:05 CEST | | | |
| Break (5 mins) 9:25am EDT/15:25 CEST | | | |
| 7 | Seabed 2030/IBCAO | <p>*Prof. Martin Jakobsson (Department of Geological Sciences, Stockholm University, Sweden and Seabed 2030 Arctic and North Pacific Ocean Regional Center co-Head)</p> <p>IBCAO/Arctic RDACC update. This session will include a pure gap analysis, recent data contributions, and plans ahead.</p> | 9:30am EDT 15:30 CEST (20 mins) |
| 8 | NOAA OCS Sairdrone Project Status | <p>*Corey Allen (Chief, Operations Branch, OCS, NOAA) *Sebastien de Halleux (Chief Operating Officer, Sairdrone Inc.)</p> <p>This session will highlight a brief overview of the project at a high level/technology.</p> | 9:50am EDT 15:50 CEST (20 mins) |

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| 9 | International Arctic Research Center (IARC) | *Prof. Hajo Eicken (Director, International Arctic Research Center, University of Alaska Fairbanks) | 10:10am EDT 16:10 CEST (20 mins) |
| | | This session will highlight the Impacts of Arctic bathymetry for research How does modeling react to improved bathymetry? The session will also address the Importance of bathymetry mapping for food security. | |
| 10 | Marine Exchange of Alaska | *Matthew York (Deputy Director and Operations Center Supervisor, Marine Exchange of Alaska) | 10:30am EDT 16:30 CEST (15 mins) |
| | | This session will discuss vessel tracking and communications capabilities that help evaluate high traffic areas, the nature of Arctic maritime operations and dissemination of information to mariners applying emerging eNAV capabilities. It will also highlight indigenous communities along the North Slope (AIS systems for subsistence hunters). | |
| 11 | Local Community Engagement | *Dr. Robert Foy (Science and Research Director, Alaska Fisheries Science Center, NMFS, NOAA) | 10:45am EDT 16:45 CEST (25 mins) |
| | | This session will highlight the change in local fisheries (stock movement) and local community engagement, also touching on bathymetric/habitat work. **ARHC Member State perspectives and discussion time** | |
| Part Two Discussion/Q+A Time (20 mins) 11:10am EDT/17:10 CEST | | | |
| Adjourn 11:30am EDT/17:30 CEST | | | |