



18 January 2021

International Cooperative Engagement Program for Polar
Research (ICE-PPR)

U.S. Delegation to ICE-PPR Situational Awareness Working Group
(USSAWG)



Meeting agenda for ICE-PPR USSAWG, 19 January 2020

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Tuesday, 19 Jan 2021, 9-10:15 AM Alaska/1-2:15 PM Eastern Time via Microsoft Teams:

1. Update from the most recent U.S. ICE-PPR Principals, and ICE-PPR Executives meeting. Provided by US ICE-PPR XO, **John Woods**.
2. Update on ICE-PPR Situational Awareness Working Group SWAG Lead **Soren Laursen** (Denmark)).
3. Overall Summary Update by USSAWG Lead **Church Kee** and USSAWG XO, **LCDR Winchell (USNR)**
 - a. Welcome and Review of Updated Team Roster
 - b. Overview of New USSAWG Webpage at Arctic Domain Awareness Center: Please see: <https://arcticdomainawarenesscenter.org/ICE-PPR>
 - c. Invitation to participate in ADAC Arctic Challenges, Innovations, and Commerce Expo (Arctic CICE) Virtual Conference (16-17 March 2021). Please see: <https://arcticdomainawarenesscenter.org/Events>
4. New Business: Information briefings:
 - a. Trident Systems Briefings. Mini-Secure Communications Controller. Briefings/discussion provided by **Mr. Matt Broglio** and **Mr. Jimmy O'Looney** with introduction by MG (Ret) **Joe Harrington**, USA.
 - b. U.S. Coast Guard Pacific Area Emerging Situational Awareness Maritime Technology Update by **Dr. Phil McGillivray** USCG Science Director, U.S. Coast Guard Pacific Area Command, Alameda California.
 - c. Summary orientation on ADAC Arctic Ice Conditions Index (ARCTICE) program.
 - i. Please see: https://arcticdomainawarenesscenter.org/P27_ARCTICE
 - d. Future briefings:
 - i. Iridium's GMDSS program.
 - ii. ADAC Arctic Ice Conditions Index ARCTICE program.
 - iii. Arctic Laboratory Partnership Program.
 - iv. Follow-up on Satellite-based experiment for Link-16.
 - v. Inputs from specific communities on government or commercial advances from the USSAWG team? Looking for ideas from NAVEUR, OPNAV, AFRL, ONR, USCG R&D Center, others?



- e. Discussions on Project agreements
5. Old business:
 - a. Follow-up discussion on eLORAN experiments. Seeking interested entities/participants.
 - b. Follow-up on ABBA discussions...connecting with ABBA leadership to advance collaboration?
 - c. ADAC hosted “Polar Communications and Connectivity Assessment”
 - i. A planned comprehensive unclassified study on the shortfalls in maritime communications and connectivity that affects both military and commercial vessels operating in polar regions.
 - ii. Assessment seeks to establish a baseline of developing advances in polar region communications from a multi-discipline vantage.
 - iii. What other similar forums are USSAWG participants involved with that may provide opportunity for ICE-PPR?
 - d. Characterizing/forecasting weather and the operational polar environment.
 - i. U.S. Research community is developing better observations and models.
 - ii. What advances for characterizing the polar regions are coming from NOAA/NWS useful for ICE-PPR?
 - iii. Recommendations in how to best access these to contribute to the ICE-PPR medium? Should ICE-PPR solicit input from developments from the forecasting/characterizing and/or research community?
6. Looking forward...new initiatives oriented to:
 - Navigation (in particular, non-GPS aided)
 - Communications (both terrestrial and space based)
 - Sensors (which rightly should include buoys)
 - Decision Support and Domain Awareness tools (which include multisource data aggregation and integration).
7. What aspects of ICE-PPR that you find interesting and a corresponding willingness to invest more time and effort? Conversely, what aspects of ICE-PPR is less useful and correspondingly provides less incentive to collaborate?
 - a. Inputs from participating members
 - b. Volunteers for future briefings?
8. Roundtable with participating members.
9. Next Meeting, Monday, 22 Feb 2021, 9 AM Alaska/1 PM Eastern, pending no concerns of USSAWG.
10. Communications Link:

Microsoft Teams meeting
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