



16 February 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, 22 February 2021

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Tuesday, 19 Jan 2021, 10-11:15 AM Alaska/2-3:15 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. Reminder for ADAC Arctic Challenges, Innovations, and Commerce Expo (Arctic CICE) Virtual Conference (16-17 March 2021). Please see: <https://arcticdomainawarenesscenter.org/Events>
  - c. Quick follow-up discussion on eLORAN experiments. Seeking interested entities/participants for Jan 2022 effort near Sandpoint, Lake Pend Oreille Idaho.
4. New Business: Information briefings:
  - a. Overview of U.S. National Ice Center/U.S. Navy Ice Center, led by Director/Commander, CDR Heather Quilenderino, USN. Please see: <https://usicecenter.gov/News>
  - b. Briefing on the High Frequency Active Auroral Research Program (HAARP), University of Alaska Fairbanks Geophysical Institute by Director, Dr. Bob McCoy. Please see: <https://haarp.gi.alaska.edu/>
  - c. Future briefings:
    - i. Follow-up discussion on eLORAN experiments scheduled for January 2022 (briefing scheduled for 22 Mar 2021).
    - ii. Auroral Flight Sciences (scheduled for 22 Mar 2021)
    - iii. Iridium's GMDSS program.
    - iv. Arctic Laboratory Partnership Program.
    - v. Follow-up on Satellite-based experiment for Link-16.
    - vi. 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?



- d. Discussions on Project agreements
5. Old business:
  - a. Follow-up on ABBA discussions...connecting with ABBA leadership to advance collaboration?
  - b. ADAC hosted “Polar Communications and Connectivity Assessment.”
  - c. 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, 10 AM Alaska/2 PM Eastern, pending no concerns of USSAWG.
10. Communications Link:

Microsoft Teams meeting  
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