



19 April 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, 20 April 2021

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Tuesday, 20 April 2021, 10-11:30 AM Alaska/2-3:30 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 and briefing by ICE-PPR Situational Awareness Working Group SWAG Lead **Soren Laursen** (Denmark)).
 - a. Briefing is on Remote Sensing Project supporting shallow water detection in Greenland.
3. Quick Summary Update by USSAWG Lead **Church Kee** and USSAWG XO, **LCDR Winchell (USNR)**
4. New Business: Information briefings:
 - a. New Briefings:
 - i. Aurora Flight Sciences briefing by Maj Gen **Mark "Marshal" Dillon**, USAF (Ret).
 - ii. Boeing IRSA (Integrated Remote Sensing of the Arctic) by Col **Paul Curlett**, USAF (Ret).
 - b. Future Briefings:
 - i. Iridium's GMDSS program.
 - ii. University of Alaska Geophysical Institute
 - iii. Arctic Laboratory Partnership Program.
 - iv. Inputs from specific communities on government or commercial advances from the USSAWG team?
 - c. Discussions on Project agreements
5. Old business:
 - a. Follow-up from recent briefings: Any questions for ?
 - i. Hawkeye 360 systems briefing.
 - ii. Hellen Systems on eLORAN 2022 experiments Jan 2022 near Sandpoint, Lake Pend Oreille Idaho.
 - iii. Satellite-based experiment for Link-16.
 - iv. ADAC hosted "Alaskan and Arctic Communications and Connectivity Assessment."
 - b. 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, Tuesday, 1 June 2021, 10 AM Alaska/2 PM Eastern, pending no concerns of USSAWG.
10. Communications Link:

Microsoft Teams meeting
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