



27 Oct 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, 2 November 2021

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Tuesday, 2 November 2021, 10-11:15 AM Alaska/2-3:15 PM Eastern Time via Zoom.gov:

1. Update by USSAWG Lead **Church Kee** and USSAWG XO's, **LCDR Winchell (USNR)**, and **CDR Dan Lubin**. **Note, 2 November meeting is one of two** leading up to the 9 U.S. Executive Steering Committee (ESC) Meeting (Chaired by Chief of Naval Research)
  - a. Communications Sub Working Group will be highlighted on 2 November meeting and Navigation Sub Working Group will be addressed on 8 November meeting (which will be hosted in Washington DC)
  - b. Overview of Future SAWG/Sub Working Group Meetings
  - c. Update from SAWG Lead, Soren Laursen (Denmark)
2. ICE-PPR XO Update- Mr. John Woods, Office of Naval Research
  - a. Preps for 8/9 November 2021 ICE-PPR Meetings
3. U.S. Lab Cdr Synch Comms Group Overview-Mr. Al Arsenault, USCG R&D Center
4. US Air Force Research Labs (AFRL) Presentations
  - a. Brian Beal – Arctic Communications Using Commercial SATCOM
  - b. Cenk Sahin – OTHR-Communications Project
5. Other US Military Service Updates
  - a. USCG-Dr. Phil McGillivray, USCG Pacific Area
  - b. USA,
  - c. USN,
  - d. USAF.
6. ICE-PPR USSAWG Roundtable.
  - a. Note, in preparation for 8-9 Nov 2021 ESC, this meeting only has US Gov and US Academic participants.



7. Old business

- a. Consider Project Arrangement for eLORAN (task to navigation sub working group).
- b. Requests for information to gain/follow-up from CY 2021 briefings:
  - i. Saildrone.
  - ii. Aurora Flight Sciences.
  - iii. Hawkeye 360 systems briefing.
  - iv. Hellen Systems on eLORAN 2022 experiments Jan 2022 near Sandpoint, Lake Pend Oreille Idaho.
  - v. Satellite-based experiment for Link-16.
  - vi. HAARP, University of Alaska Fairbanks Geophysical Institute.
  - vii. Trident Systems.
  - viii. CUMID Update

8. New Business

- a. Consider update from Iridium's GMDSS program for Communications sub working group.
- b. Future Briefings:
  - i. Inputs from specific communities on government or commercial advances from the USSAWG team?
- 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?
- d. Note: University of Alaska Anchorage and **ADAC will continue to host USSAWG** information until further advised. Please see:  
<https://arcticdomainawarenesscenter.org/ICE-PPR>

9. 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).



10. 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?

11. Next Meetings,

- a. To Be Announced

12. Communications Link:

<https://www.zoomgov.com/j/1616388375?pwd=TORKWXhRVEhTcTQ2citrdG5lenBTQT09>

Meeting ID: 161 638 8375

Passcode: 123456

Dial by your location

+1 551 285 1373 US

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