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 McGillivary 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
    **Join on your computer or mobile app**

    Click here to join the meeting

    Or call in (audio only)

    +1 571-388-3904,,130202486# United States, Arlington

    Phone Conference ID: 130 202 486#
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Full Link: https://teams.microsoft.com/l/meetup-join/19%3aceb17985471b4d26bc7bda0318e5695d%40thread.skype/1609789654418?context=%7b%22Tid%22%3a%22%3a%22%221acfb3-32be-4715-9025-1e2f015cbe9%22%2c%22Oid%22%3a%221cc13262-662a-4356-83c8-3cb151d75055%22%7d

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