Meeting agenda for ICE-PPR USSAWG, 7 Dec 2020

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Monday, 7 Dec 2020, 9-10:15 AM Alaska/1-2:15 PM Eastern Daylight Time via Microsoft Teams:

1. Update from the most recent U.S. ICE-PPR Principals, and ICE-PPR Executives meeting.
   b. Note: ICE-PPR MOU is now in full effect.
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 of new members from Air Force Research Laboratory.
   b. Summary review of briefing provided to CNR, RADM Lorin Selby, US ICE-PPR Executive.
   c. Review of Canadian DRDC Hosted ICE-PPR Sharepoint site for hosting materials.
4. New Business: Information briefings:
   a. e-LORAN Briefing by Trowbridge “Bridge” Littleton Founder & President | Hellen Systems, LLC
   b. ABBA Orientation discussion by CDR William Wren, Naval Forces Europe, N6 (Communications)
   c. 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.
   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. 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. Approximately 15-month planned assessment timeframe.
   iii. Assessment seeks to establish a baseline of developing advances in polar region communications from a multi-discipline vantage.
   iv. What other similar forums are USSAWG participants involved with that may provide opportunity for ICE-PPR?

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?
   iv. 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, 19 January 2021, 9 AM Alaska/1 PM Eastern, pending no concerns of USSAWG.


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