



27 August 2020

**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, 31 August 2020**

The following is the planned agenda for the ICE-PPR USSAWG meeting planned for Monday, 31 Aug 2020:

1. Review 31 July 2020 report for errors or omissions and update from US Executive Secretariat.
2. Confirm USSAWG's preference for Orientation of overall collaboration
  - a. "Mission"...oriented to finding solutions to known gaps and shortfalls for the operational challenges in the Polar operating
    - i. Peacetime missions (SAR/HA/DR and DSCA)
    - ii. Crisis (such as low intensity conflict)
    - iii. Warfare
  - b. As an unclassified program, what would be acceptable to share with ICE-PPR partners? For example, should USSAWG only focus only to Peacetime missions?
3. Advance on 31 July 2020 meeting for navigation in the Polar regions in a GPS denied environment.
  - a. Inertial Navigation Systems (back to the future?)
  - b. Advanced diamond magnetometer systems?
  - c. What would be of interest to share with international partners via ICE-PPR?
4. Advance on 31 July 2020 meeting on tactical/operational domain awareness, connectivity and communications.
  - a. LINK 16 (Line of Sight LOS)
  - b. LINK 11 & 22 (LOS and Beyond LOS)
  - c. Should ICE-PPR solicit input from developments from the U.S. Defense Industrial Base?
  - d. What do we have to share...vs what do our ICE-PPR partners have that we would wish them to share?
5. Discuss pending developments in satellite communications. What is coming in the government vs commercial sector that may prove helpful to learn more through ICE-PPR?
  - a. What is known/understood via USSAWG delegates?



- b. Should ICE-PPR solicit input from developments from the Defense Industrial Base?
  - c. What do we have to share...vs what do our ICE-PPR partners have that we would wish them to share?
6. Characterizing/forecasting weather and the operational polar environment.
- a. U.S. Research community is developing better observations and models.
  - b. What advances for characterizing the polar regions are coming from NOAA/NWS useful for ICE-PPR?
  - c. Recommendations in how to best access these to contribute to the ICE-PPR medium?
  - d. Should ICE-PPR solicit input from developments from the forecasting/characterizing and/or research community?
7. Looking forward...value in arranging briefings/technical updates from U.S. sources to help USSAWG determine what is useful to share with ICE-PPR partners?

