AICC Telecon - June 12, 2017
Chair Report

* Debrief HLY1603
* Mapserver capabilities (Telecon, June 7)
* Conflict avoidance documents
* Science requirements for new, heavy PIB
* FIC/UNOLS Meeting, May 31 – June 2
Mapserver Capabilities

* 1. Satellite Imagery (including Radarsat, as well as visible wavelengths)
* 2. Bottom Topography
* 3. Ship's underway science systems (multibeam, temperature, salinity, fluorescence, etc.).
* 4. Locations of (all past Healy) science stations, moorings, instruments
* 5. Cruise planning tool.
New Heavy Polar Icebreaker (PIB)

- FY 17 Budget $150M (DOD)
  - CG awarded 5 contracts worth $20M for heavy polar icebreaker design and analysis
  - Bollinger Shipyards, LLC, Lockport, LA; Fincantieri Marine Group, LLC, Washington, D.C.; General Dynamics/National Steel and Shipbuilding Co., San Diego, CA; Huntington Ingalls, Inc., Pascagoula, MS; and VT Halter Marine, Inc., Pascagoula MS

- Studies completed within next year, contract awarded 3rd quarter of FY2019
- First icebreaker delivered between 2023 and 2026
National Academies Polar Icebreaker Cost Assessment Study

- Describe current and emerging requirements for the CG’s polar icebreaking capabilities
- Identify potential design, procurement, leasing, service contracts, crewing, and technology options
- Examine:
  - CG cost estimates for procurement and operating
  - Incremental cost to augment design for scientific missions
  - Potential to offset costs through cost-sharing with other Fed agencies
  - US icebreaking capabilities compared with other nations that conduct research and other activities in the Arctic
- Examine all included costs including: lease, operation, maintenance; disposal at end of life, interest payments, etc.
- Held 5 meetings since Dec. 2016; report due out June 2017
AICC Current Membership

Aguilar-Islas, Ana  UAF 10/15 to 10/18
Campbell, Robert (Chair, AICC)  URI 01/16 to 01/19
Hartz, Steve  (RVTEC Rep, ex-officio)  UAF 05/07
Laney, Sam  WHOI 10/15 to 10/18
Lomas, Michael  Bigelow Laboratory 08/14 to 08/17
Persson, Ola  CU-Boulder 10/15 to 10/18
Polashenski, Christopher  USACE-CRREL 08/14 to 08/17
Ruppel, Carolyn  USGS 10/15 to 10/18
Russell, Doug (RVOC Rep, ex-officio, AICC)  UW 09/13
Welker, Jeff  UAA 10/15 to 10/18