

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.
- * 6. Gazetteer. A baselayer containing geographical information.

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