

UNOLS Arctic Icebreaker Coordinating Committee

Sam Laney, Chair

UNOLS Spring 2019 Meeting

March 27-28 2019

Narragansett RI



AICC Current Membership & Composition

NAME	AFFILIATION
Aguilar-Islas, Ana	UAF
Campbell, Robert (Immediate Past Chair)	URI
Hartz, Steve * (RVTEC Rep, ex-officio)	UAF
Laney, Sam (Chair, AICC)	WHOI
Lomas, Michael	Bigelow Laboratory
Persson, Ola	CU-Boulder
Polashenski, Christopher	USACE-CRREL
Ruppel, Carolyn	USGS
Russell, Doug (RVOC Rep, ex-officio, AICC)	UW
Welker, Jeff	UAA

- ❖ 7 of 8 seats filled
- ❖ Call for nominations in progress: 3 received
- ❖ Diversity: institutional & disciplinary representation
- ❖ UNOLS: RVTECH, RVOC, *FIC*
- ❖ 2019 turnover:
 - Chair (Laney)
 - RVOC rep (Russell)
 - UNOLS rep (Alberts)
- ❖ Upcoming turnover:
 - 2 in 2020
 - 4 in 2021

AICC Mandate & Scope of Activities

- ❖ Mandate: Support US academic research use of Arctic icebreakers
 - Primarily US assets (USCGC Healy, RV Sikuliaq)
 - Also all other US Arctic research on icebreakers (e.g. MOSAIC).
- ❖ Role: planning assistance, liaising, ombudsman, guidance, etc.
- ❖ Partnering agencies & entities: USCG, NSF, ONR, NOAA, BOEM, USGS, NASA, NPRB, & the Arctic Research Commission, others.
- ❖ Other stakeholders: Substantial increase in past years in interactions with regional (Bering Sea & Alaskan Arctic) stakeholders: e.g., AEWC and AWSC

AICC Current Efforts

- ❖ 2019 Winter Meeting cancelled: due to government shutdown
 - Rescheduled as a telecon 16 April 2019 (AICC-plus)
 - Summer-fall telecon: AICC executive meeting
- ❖ Ongoing coordination of 2019 Arctic icebreaker research
- ❖ Organizational efforts:
 - Committee changes with transfer of UNOLS office (Russell)
 - Fully constituting the committee: new member, FIC repr.
 - Need to reinstitute an AICC Vice Chair - discussion
- ❖ Review AICC Annex VI in UNOLS charter: required this year
 - Opportunity to better align AICC mandate with current needs
 - Opportunity to better utilize diverse expertise on committee

Immediate Topics for Upcoming AICC Telecon

- *Healy* 2019 funded cruise schedule & 2020 outlook (*USCG*)
- U.S Coast Guard Headquarters Report (*USCG*)
- *R/V Sikuliaq* Update (*UAF*)
- Interactions with others - clearances, permits, native communities
- Foreign Research Vessels & other vessels in US EEZ (*USCG*)
- STARC Support Report (*SIO*)
- C4IT Polar IT report, science data net (*USCG*)
- Arctic Waterways Safety Committee / Standard of Care Document (invited, *Wildlife Conservation Society*). Unable to attend.
- Update on UAF Community & Environmental Compliance Standard Operating Procedures, (CECSOP) for the *R/V Sikuliaq* (*UAF*)

AICC: looking ahead to 3-year vision & challenges

- Operations on USCGC *Healy*:
 - Upcoming mid-life refit
 - 2020: tasked to Antarctica to support US treaty obligations
 - Diminishing community interest in Healy-based projects (?)
- Operations on *R/V Sikuliaq*:
 - Continued use of CECSOP; good stakeholder relationships
- Keeping stakeholders informed of foreign research vessel plans in US EEZ (*USCG*)
- Supporting US research on other Arctic vessels (e.g. German & Russian ships within MOSAIC; Swedish & Canadian icebreakers)
- Coordinating with non-NSF activities (ONR, NASA Arctic Colors)