

STARC Support and Instrumentation



Support Scheduling Factors

Cruise Planning

2023 Drydock Work Items

2023 Instrumentation and Beyond



STARC Support Scheduling Factors



STARC support is closely tied to the UNOLS process of scheduling of ARF assets

- UNOLS schedules are published in October of each year. Staff that STARC support is dependent on at each partner institution can quickly become unavailable due to planning pressure if HEALY research missions are not known
- UNOLS Tech Pool personnel, Pooled equipment (Winch Pool, Van Pool)
- Other Facilities and Services (Mooring, ODF, PFPE)

STARC annual program funding is based on operational days per NSF cost reimbursement model

- The 5-year cooperative agreement allows for operational and funding adjustments
- Suspending support operations on an alternating research season cycle were not considered in the 2022 solicitation or proposal
- To date STARC has not proceeded with the hiring of awarded positions due to this issue
- VDI computing cluster replacement has been deferred until financial support feasibility can be assessed

2023 Drydock Work Items



Transducer Well Deck Preservation

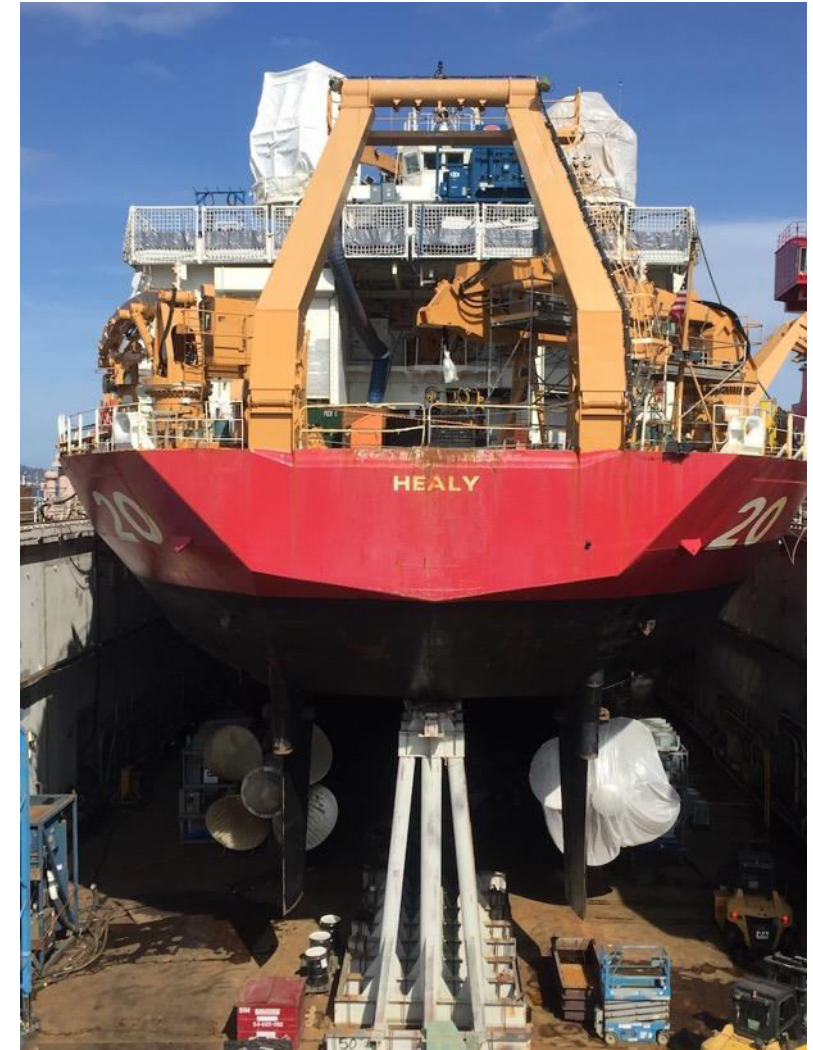
- 100% deck and 3" up bulkheads
- Transducer well exteriors and lids

Transducer Maintenance:

- All transducers will be removed
- Clean and preserve transducer well interiors
- Replace OS75 and OS150 ADCP transducers
- Install EK80 18kHz and 38kHz fishery sonars

Multibeam:

- EM122 RX array replacement
- Modify RX frame to install baffles



Healy high and dry

2023 Instrumentation and Beyond



2023 Instrumentation

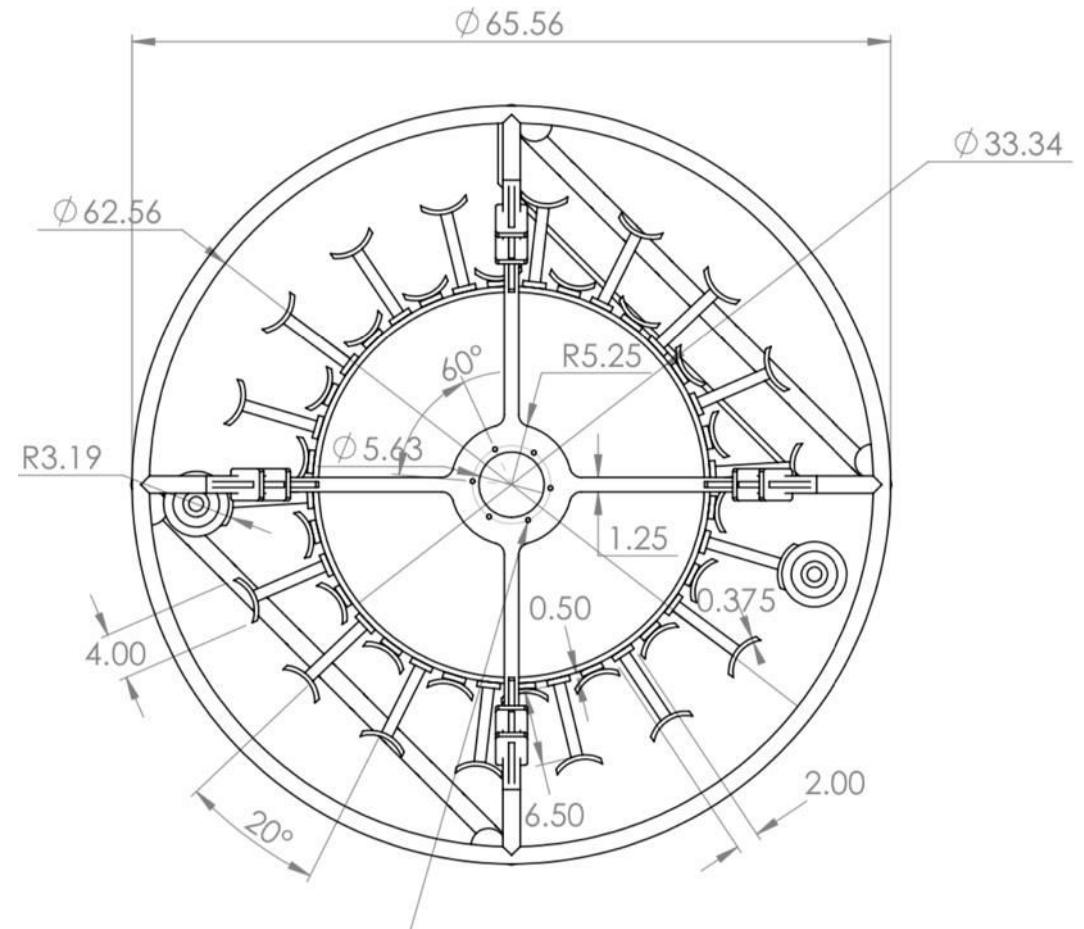
- UTS-9500 mooring release system
- EK80 Calibration System
- New ADCP equipment rack

CTD Replacement AICC input:

- Commercial Rosette or Custom?
- Aux Sensor type input?

Long Range Sonar Improvements

- EM304 MBES
- SBP29
- STARC providing input to SLEP process



Questions and Discussion

