

National Science Foundation Update

RVTEC Meeting October 2019
Fairbanks, AK

Jim Holik

Integrative Programs Section

Ocean Sciences Division





Budget News



- Continuing Resolution to 21 November
- After that...
- Very limited funds available for awards
- Rumor has it that we can expect level funding



Regional Class Research Vessel (RCRV) Project Fully Funded



RVTEC Meeting
October 2019



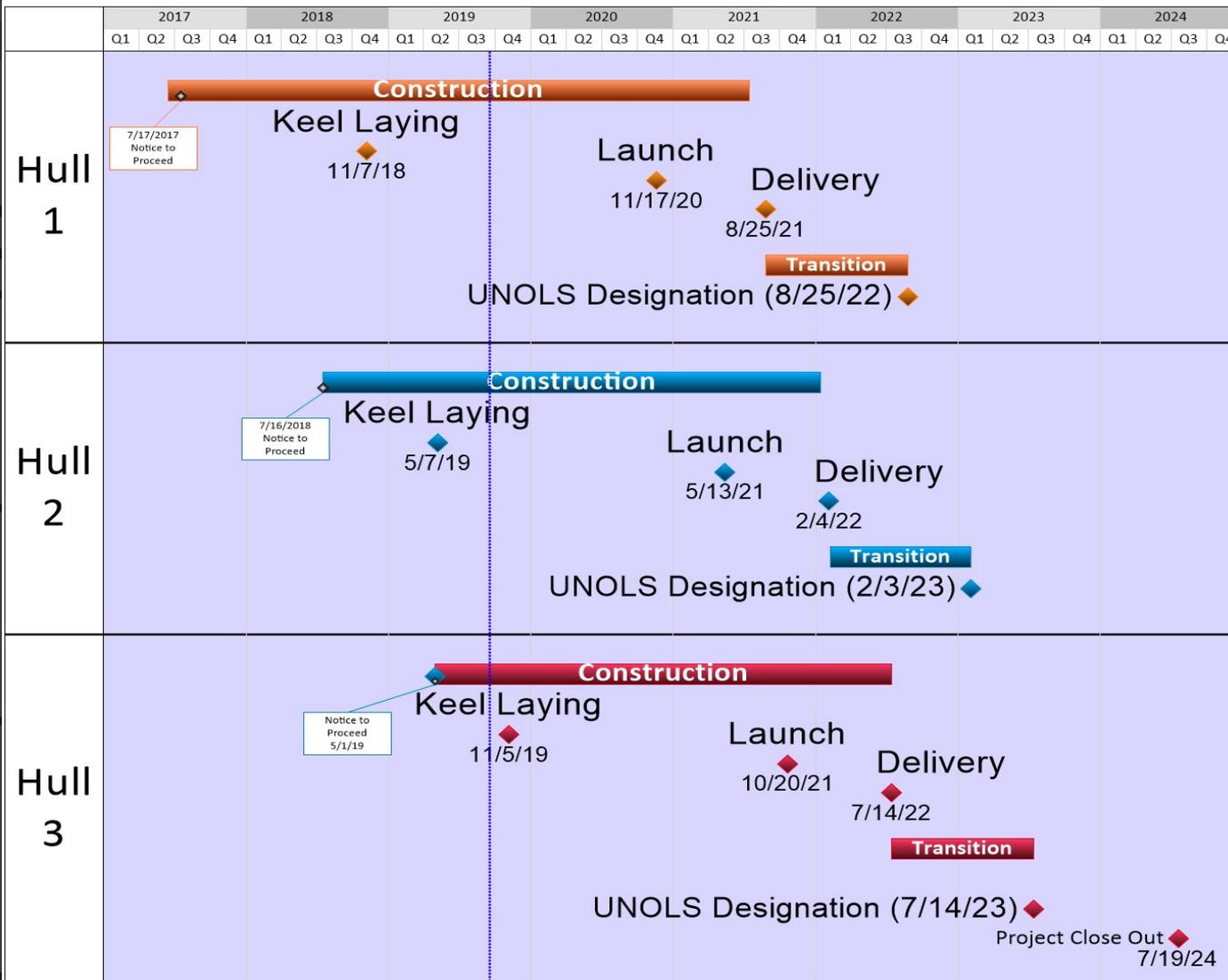
RCRV Project Overview

- Three Regional Class Research Vessels (RCRVs) are under construction in Houma, LA
- Oregon State University manages the construction and will operate the first vessel, *R/V Taani*
- The East Coast Oceanographic Consortium, led by the University of Rhode Island, will operate the second vessel, *R/V Resolution*
- The Gulf-Caribbean Oceanographic Consortium, led by the University of Southern Mississippi and LUMCON will operate the third vessel. Name to be determined



Schedule Summary

RCRV Schedule Summary



UNOLS:
University National
Oceanographic
Laboratory System

Once accepted by UNOLS, each RCRV becomes part of the US Academic Research Fleet and begins science operations



Module 21, Bulbous Bow





Module 22 Shell Plate installation





Overboard Handling System





Comparison of Ocean Class to RCRV

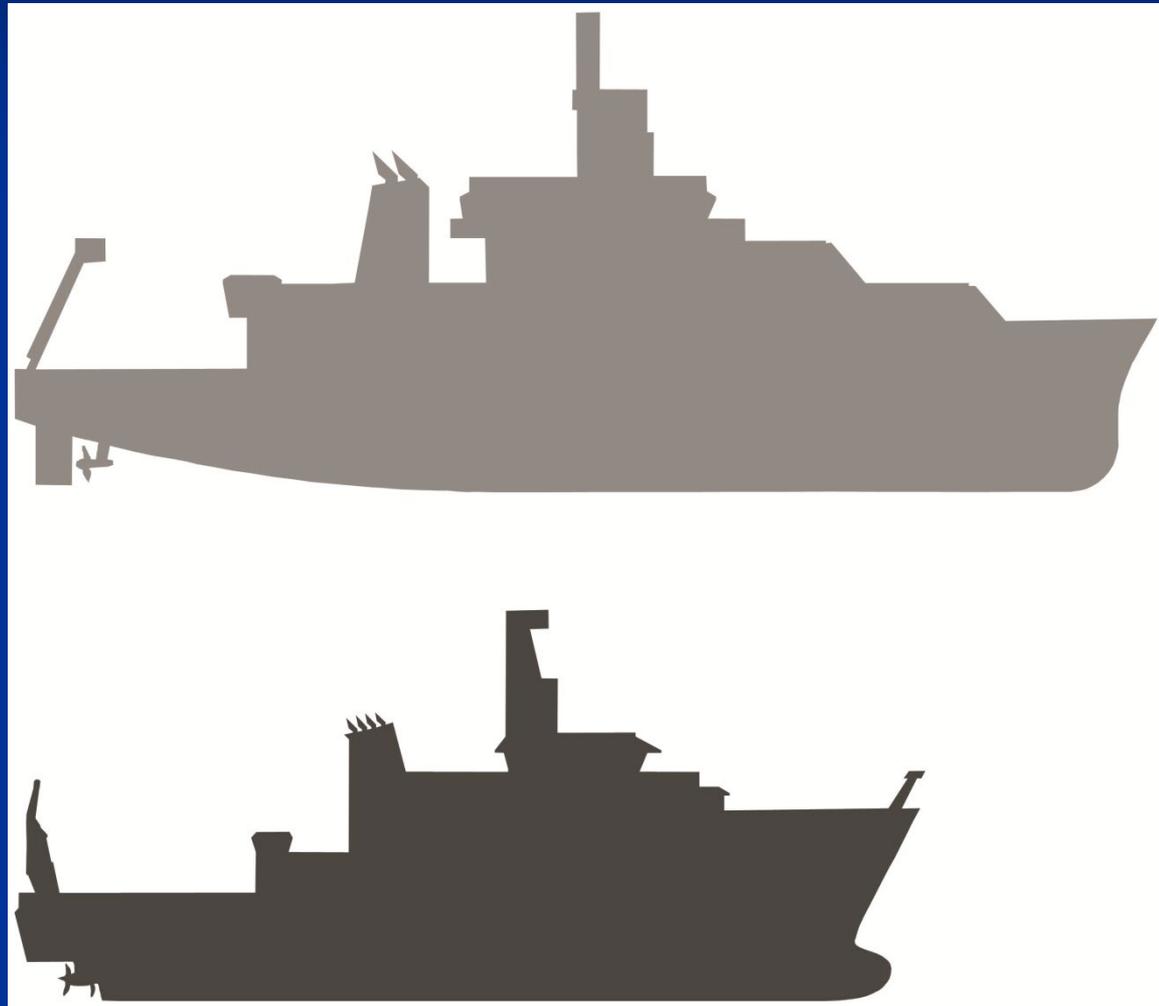


■ Ocean Class (OCRV)

- R/V *Sally Ride*
- R/V *Neil Armstrong*
- 238 ft.
- ~3000 tons displacement

■ RCRV

- 199 ft.
- ~1500 tons displacement





Langseth Update



- In 2018 NSF announced that 2020 would be the last year for Langseth operations. The ship would then be divested of by NSF.
- In 2019, NSF issued a DCL stating that Langseth operations would be extended to the end of 2021; an additional year with focus on early career opportunities
- NSF, LDEO and industry continue to explore options



HOV Alvin Upgrades



- Increase max depth to 6500m
- New Personnel Sphere complete
- New Syntactic Foam Procured
- New Variable Ballast System in production
- Overhaul begins Mid-2020, with Atlantis Mid-Life





IODP Update



- TAMU Award renewed through September 2024 as *Joides Resolution* Science Operator
- MOAs with IODP International Partners being renewed
- New IODP Science Plan under development by the Science Community
- Future Vessel Options to support the new Science Plan to be considered



Civility at Sea, Module 2



Questions?

