

Spring UNOLS Council Meeting



Rose Dufour

Program Director, Ship Operations

National Science Foundation



President Biden 2022 Budget language had this:

"Unless otherwise noted, within amounts provided, NSF is directed to allocate no less than the fiscal year 2022 enacted levels to maintain its core research levels, including support for existing scientific research laboratories, observational networks, and other research infrastructure assets, such as its astronomy assets, the current academic research fleet, federally-funded research and development centers, and the national high performance computing centers."



Ocean Science Division

- There are some changes in GEO that Jim McManus can touch on with regard to a new division, RISE.
- [Division of Research, Innovation, Synergies, and Education \(RISE\) : \(Directorate for Geosciences \(GEO\)\) -](#)
- Changes within the OCE structure under consideration but not public
- A new Program Manager position announced for all-things ARF Cyber.
- Decadal Survey



FY 2023- ARF Funding

- Fully funded at Base - \$116,680,000
- Additional Funds received under Disaster Relief funds for fuel increases/crewing retention and recruitment \$10,430,000
- Includes: Ship Operations, Tech support, NDSF, SSSE, Inspection program, UNOLS office, NSF van/wire pools, various Tech advisory committees.
- Ship Ops accounts for nearly a 1/3 of the OCE budget
- This does not account for about \$10-15M in OOI ARF ship support

CY 2022 Total Funded days: 3321

- NSF/OCE funded **1962** days = 60%
- NSF/OOI **152** days = .04%
- NSF/Other **79** days = .02%
- Total **2193** = 66% of ARF days are to support NSF sea-going work



CY 2023 Total ARF Funded days: 3499

- NSF/OCE funded days = **1991** = (global 891; ocean 734; regional 56; local coastal 310)= 57%
- NSF/OOI **156** days = .04%
- NSF/OPP & other *140* days = .04%
- Total **2287** = 65% of ARF days are to support NSF sea-going work





Build America, Buy America Act (BABA) Act

- NSF has hired Eric Buck, former SIO Interim Marine Superintendent, through the UNOLS office, to inventory ships for all foreign components. The list is currently a mix of components and sub-components. It's a complex analysis given that many manufactures are not forth coming on parts origins, and something like an engine can have 1000s of parts that may be assembled in the U.S. with globally sourced parts. A ship like *Langseth*, which was built in Norway, BABA is especially challenging.
- Here is the metric that needs to be applied:
 - "components are produced in the US". The definition of produced is in section 70912 part (6).*
 - "in the case of manufactured products, that— (i) the manufactured product was manufactured in the US; and (ii) the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States in greater than 55% of the total cost of all components of the manufactured product".*
- We are actively working with the administration on a General Applicability waiver, or some more general waiver for the ARF. (There are several types of waivers that a federal agency can apply for, such as Adjustment Period waiver or Public Interest Waiver, *di mininus*.)
- We are going to work with the operators to meet your needs. We will need regular communications to NSF Ship Ops, who will transfer internally so we can help get to a solution for specific items. In short, we are committed to finding ways we can comply and meet the mission requirements of the Fleet.
- Understand and appreciate everyone's frustration



New installed heads on R/V *Langseth* sourced in Europe due to the flange and piping size.

NSF Branding Efforts

- https://www.nsf.gov/policies//NSF_BrandStandardsManual_508c.pdf
- These apply to oral and written communications, branded products, media, social media, facilities and equipment.



R/V Taani -Houma Bollinger Shipyard – April 19th