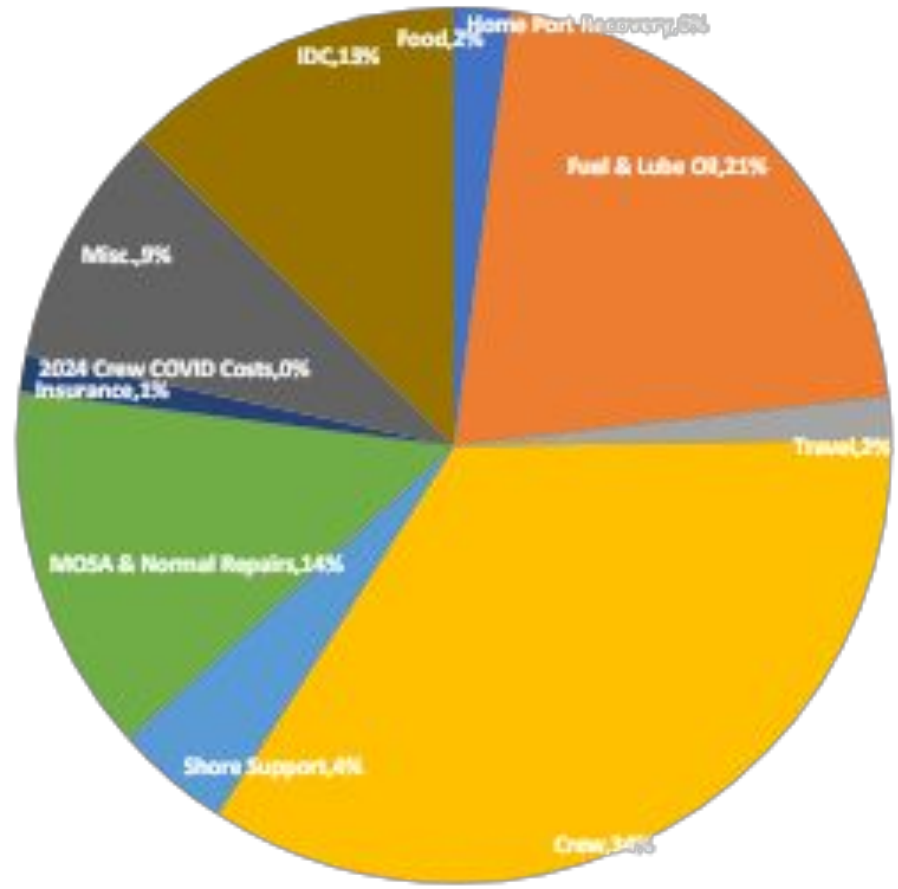


Challenges/Updates/Successes

The NSF logo features a blue globe with the letters "NSF" in white, set against a yellow gear-like background.

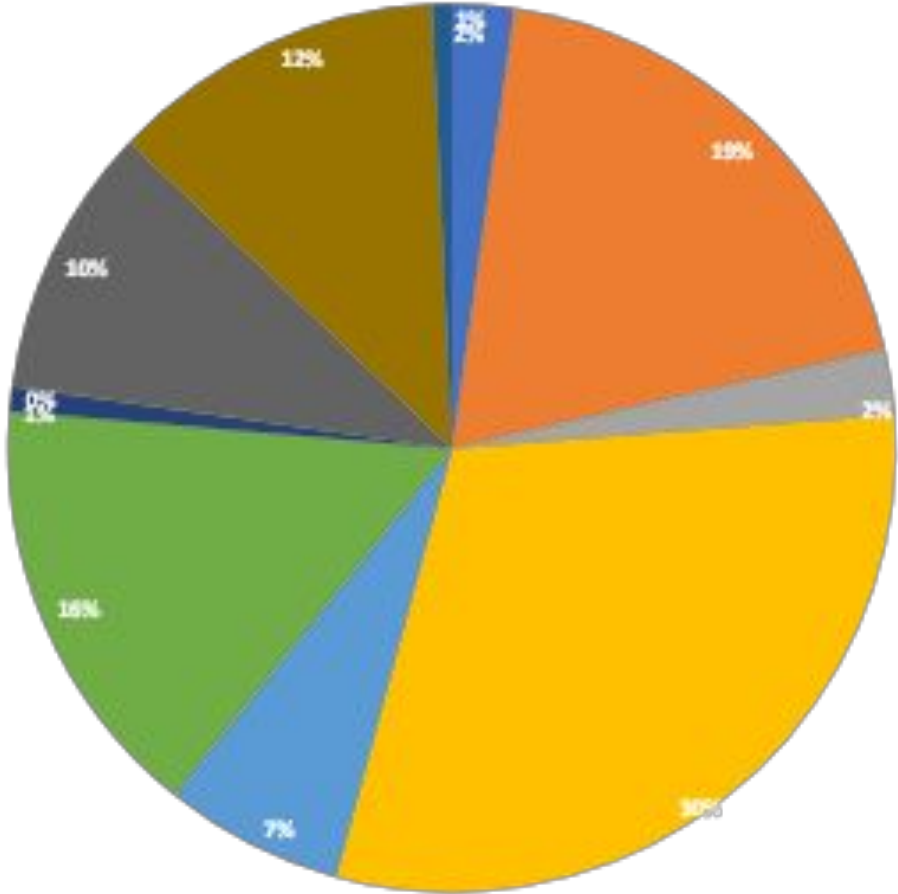
### Global



- Food
- Fuel & Lube Oil
- Travel
- Crew
- Shore Support
- MOSA & Normal Repairs
- Insurance
- 2024 Crew COVID Costs
- Misc.
- IDC
- Home Port Recovery

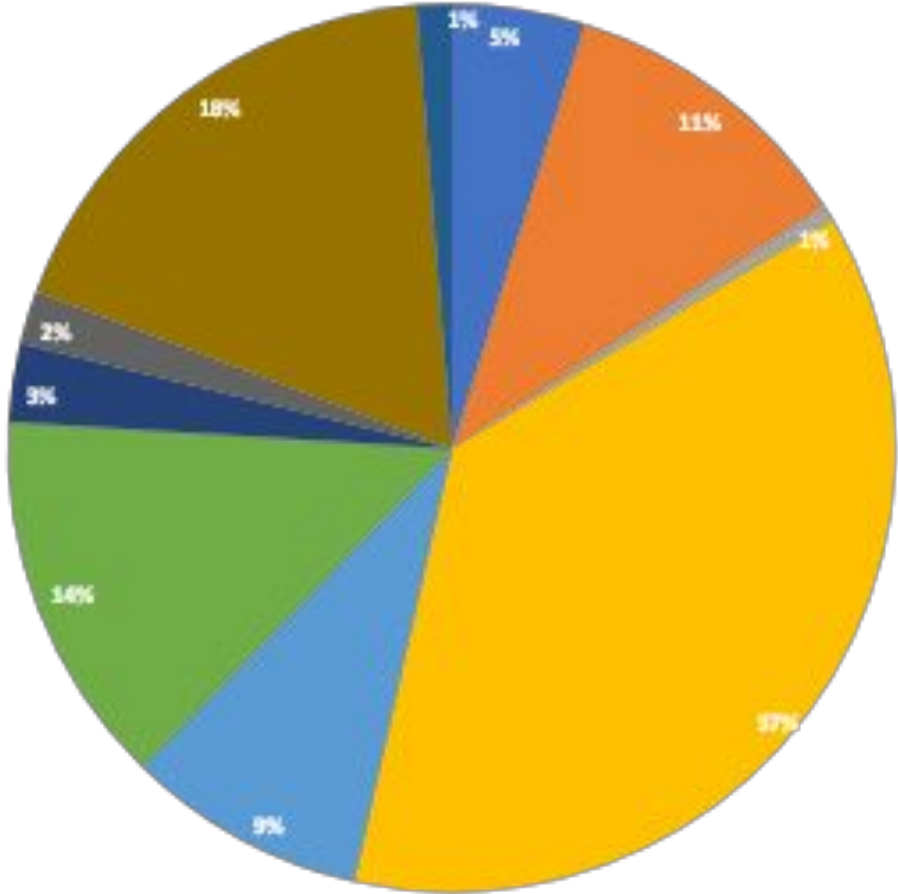
### Ocean/Intermediate

Food Fuel & Lube Oil Travel Crew Shore Support MOSA & Normal Repairs Insurance 2024 Crew COVID Costs Misc. IDC Home Port Recovery



### Local/Coastal/Regional

Food Fuel & Lube Oil Travel Crew Shore Support MOSA & Normal Repairs Insurance 2024 Crew COVID Costs Misc. IDC Home Port Recovery





# Total ARF Cost for 2024 & NSF support

	Total	NSF	% OF NSF FUNDING
Global	\$80,849,432	\$62,306,357	77%
Ocean/Intermediate	\$49,896,838	\$36,238,688	73%
Local/Coastal/Regional	\$8,770,164	\$4,386,077	50%
<b>ALL SHIPS</b>	<b>\$139,516,434</b>	<b>\$102,931,122</b>	

## Successes:

Barriers to access foreign  
and other Federal Fleets

Increases in NSF  
infrastructure funding

Successes in crewing  
retentions

# Updates:

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Tim Mc Govern replaces Jim Holik

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Laura Stolp have joined OCE in a new Cyber position

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NSF Budget cuts



# ARF/NSF Challenges 2024 and looking to the near future

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Overuse of NDSF assets- makes scheduling a challenge

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Cyber security

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Current mix of Global/Ocean class

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Capability changes

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Less bunks for science community 4% decline- Complex ships requiring more crew members, collaboration internationally,

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KM- not able to effectively do agency science well

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Greening the Fleet, Net-zero by 2050

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Underutilization of local/regional class vessel

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Safe Seas Act- 23 December deadline



# Chow- How low can you go ???

