

# U.S. IOOS Office Updates

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May 8, 2024

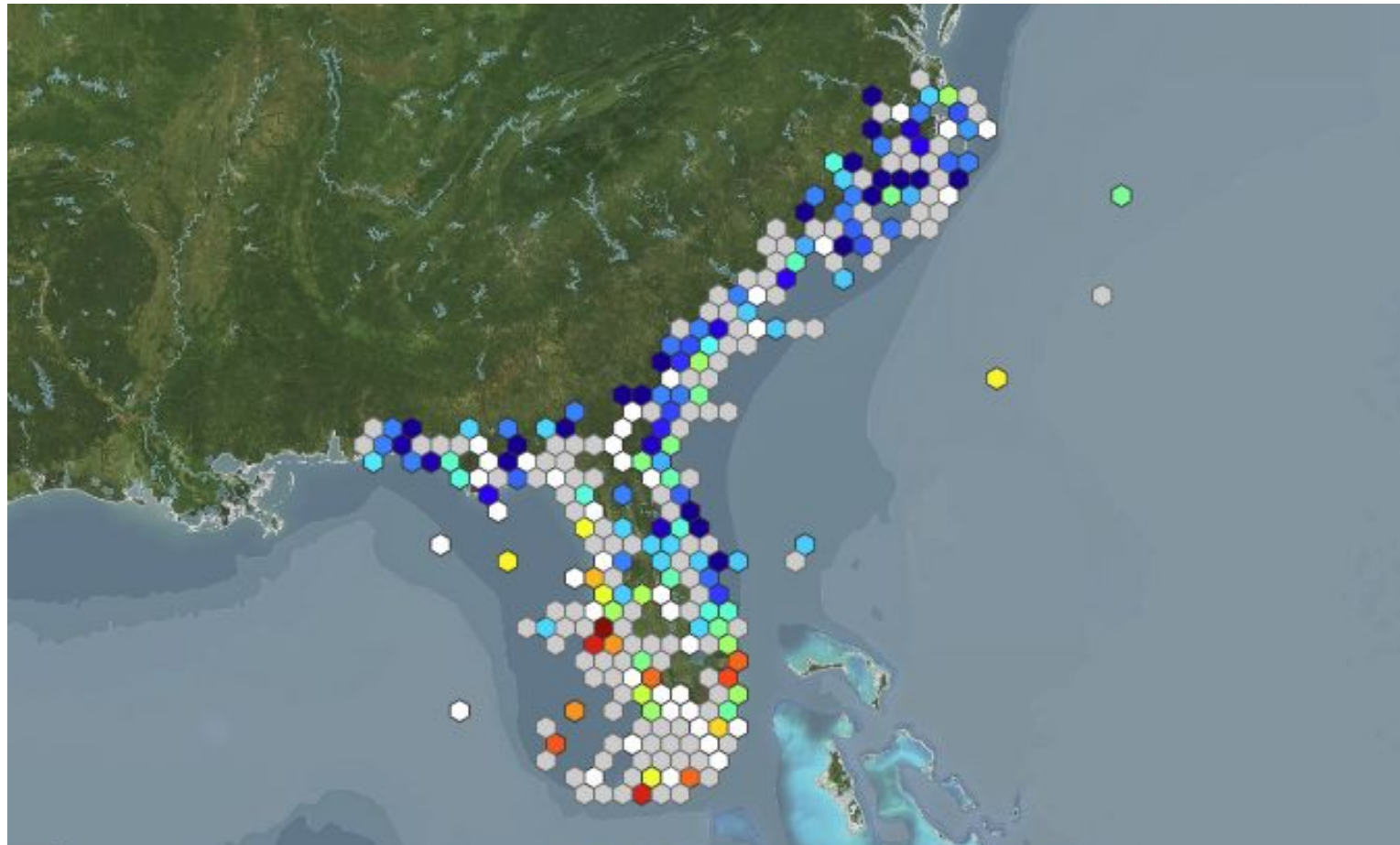


## Outline

- **Thank you to SECOORA!!**
- **IOOS overview**
- **Budget and Funding Opportunities**
- **Looking Forward**

## Congrats to SECOORA for:

- **Leadership** on water level and web camera projects
- **Successful submission** of Inflation Reduction Act application
- **Partnership** with CARICOOS and GCOOS on sargassum project



## Congrats to SECOORA for:

New and recapitalized **HRF projects** installed -

- **Congratulations** to SkIO PI Dr. Catherine Edwards, Graduate Lab Technician Cmdr. James Bird (Ret.), and HFR team on their successful installation of a Wellen Radar (WERA) system at the Kennedy Space Center and on the recapitalization of the partner WERA at Canaveral National Seashore!
- The addition of these sites to the IOOS HFR National Network will provide surface current velocity and wave measurement coverage to **enhance maritime safety and forecasting** throughout the area.



# IOOS Overview: What is IOOS?

**Mission: To produce, integrate, and communicate high quality ocean, coastal, and Great Lakes information that meets the safety, economic, and stewardship needs of the nation.**



# IOOS Overview: IOOS primary observing assets...

## Fixed Moorings & Buoys



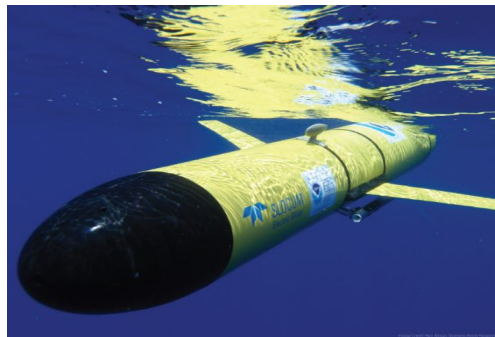
## HF Radar



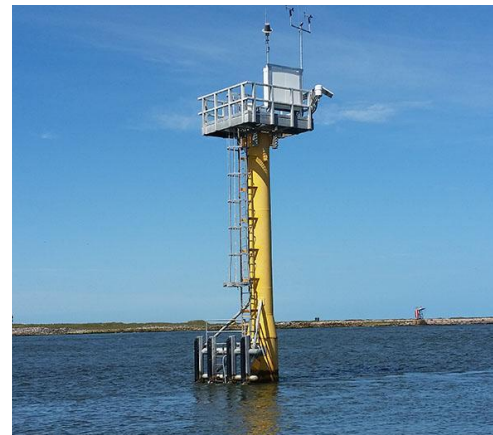
## Shore Stations



## Sub-surface gliders



## Water Levels



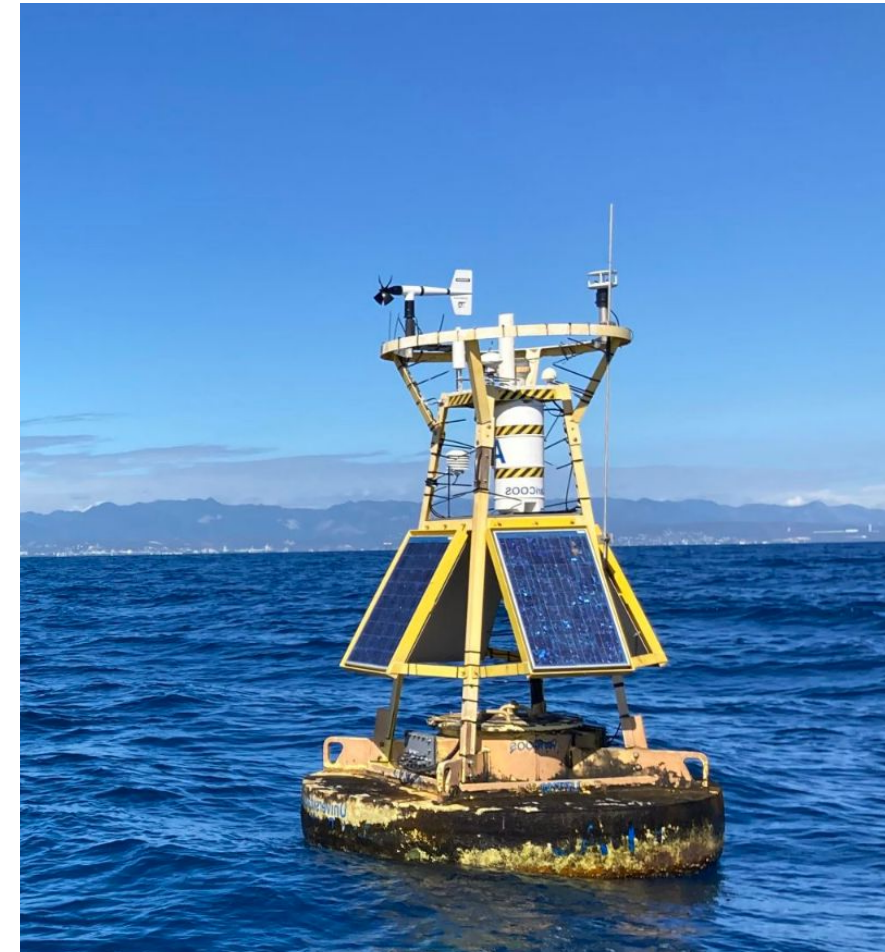
## Ships



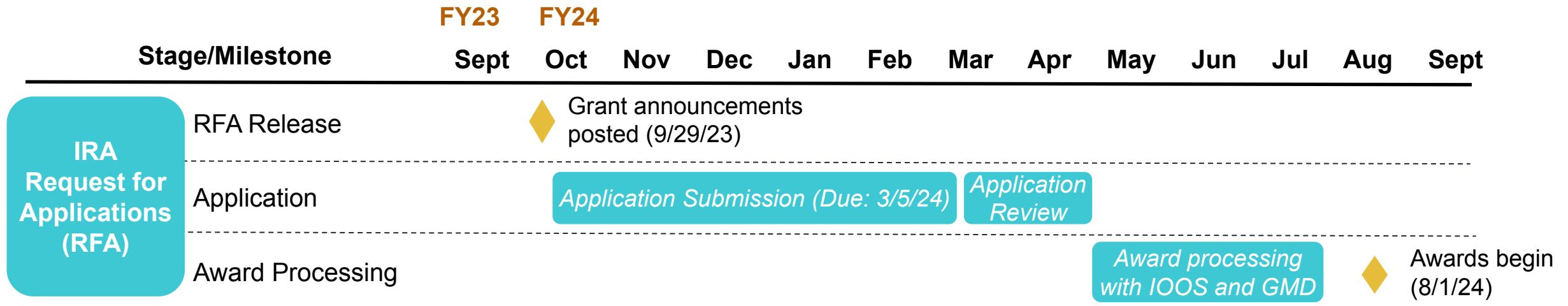


# Program Highlights and Plans for FY24

- **HFR:** HFRNet DAC; HFRs to telemeter surface wave measurements at test sites; new HFR site at NASA KSC and recap at Cape Canaveral bringing coverage to Florida's Space Coast
- **Gliders:** MOA for Navy/IOOS hurricane glider collaboration; Sep. UG2 Workshop
- **COMT:** Will be announced in June
- **Marine Life:** White house to announce National Ocean Biodiversity Strategy and National Aquatic eDNA Strategy in June
- **NHABON FY24 \$3.0M** - announced May 2, 2024. SECOORA awarded funding for Sargassum project with GCOOS and CARICOOS
- **Grant Support:** BIL and IRA RFA opportunities and moving all the money that we can!



# Inflation Reduction Act - IOOS Request for Applications



- Status: **proposals received! THANK YOU!**
- **\$100 million** on new, 5-yr projects
- Address coastal climate resilience, advance equitable service delivery to frontline and overburdened communities, and expand the traditional reach of IOOS
  - **Topic Area 1:** Increase impact within regions
  - **Topic Area 2:** pan-regional and national scale

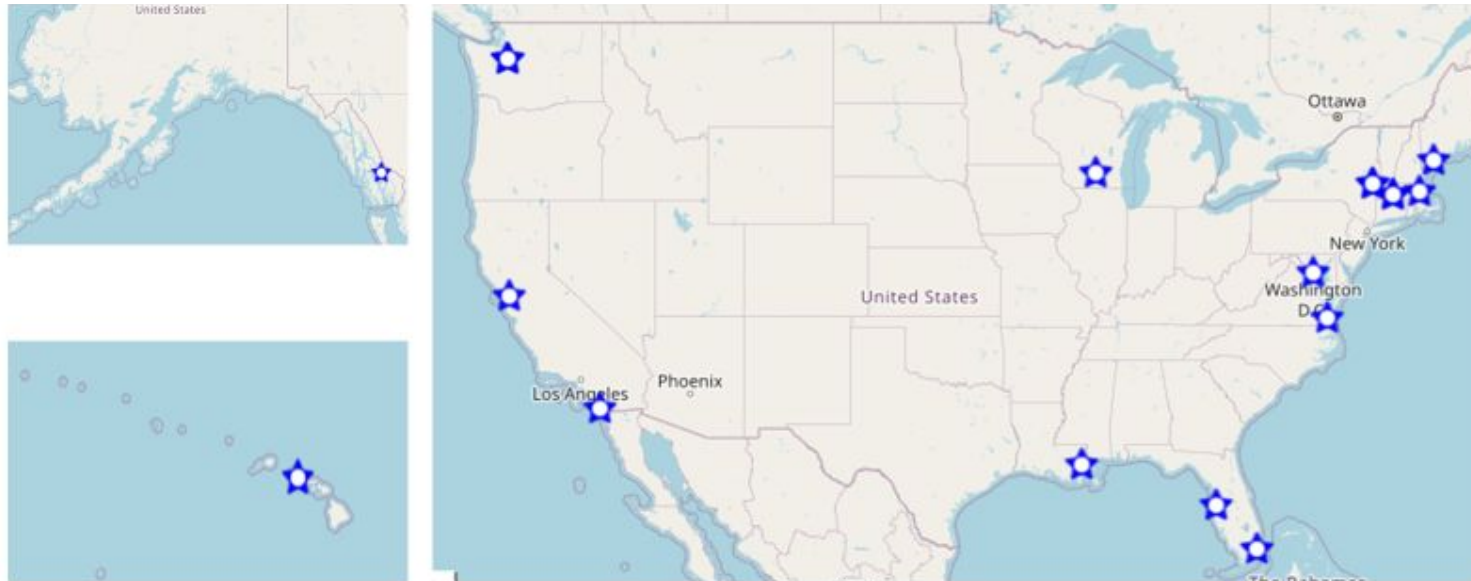




# Ocean-based Climate Resilience Accelerators

## \$60M Notice of Funding Opportunity

- **Feb 20, 2024- Phase 1 awardees announced ! (~\$4M awarded to 16 selections)**
- **Phase 2-** Request for Applications released to awardees. Applications are due **July 31**.



*Map of Phase 1 Accelerator Awards*

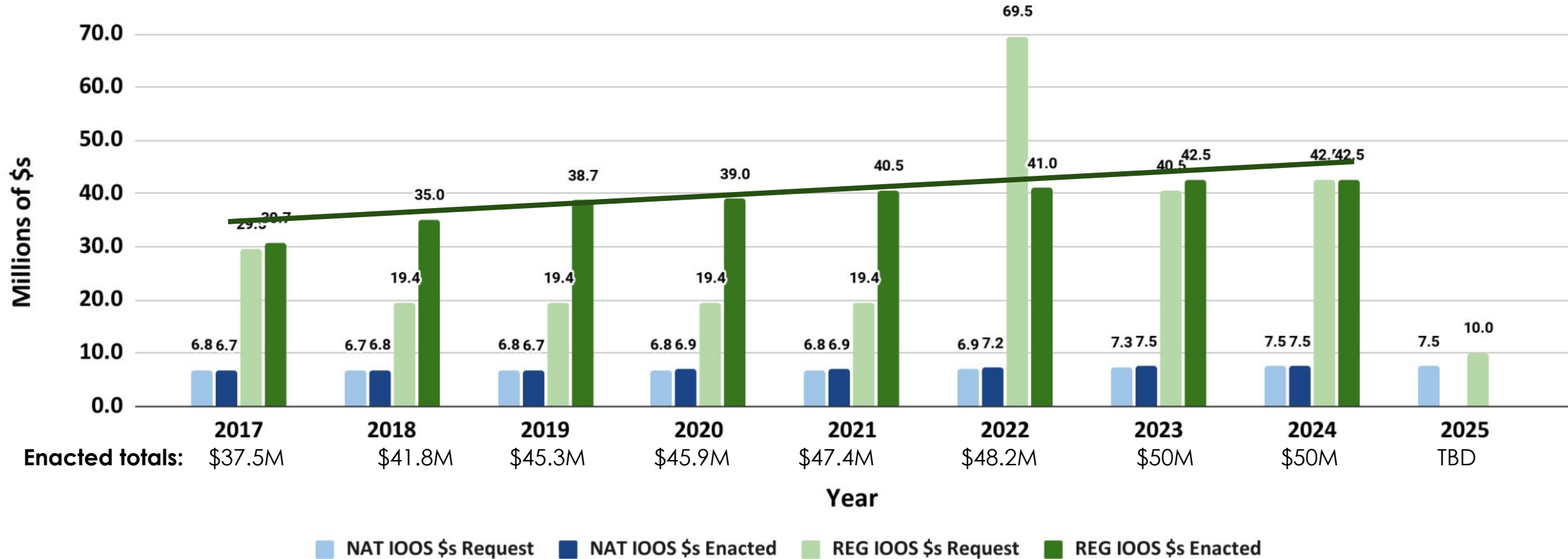
## Theme Areas

- Ocean Renewable Energy
- Coastal and Ocean Carbon Sequestration Monitoring and Accounting
- Hazard Mitigation and Coastal Resilience
- Ecosystems Services, Including Change Detection, Change Analysis, and Change Adaptation/Mitigation
- Other theme areas

# U.S. IOOS Enacted and President's Budgets FY17–25

## NOS IOOS Request & Appropriation History

Part of the Story - not including 'backbone and global'

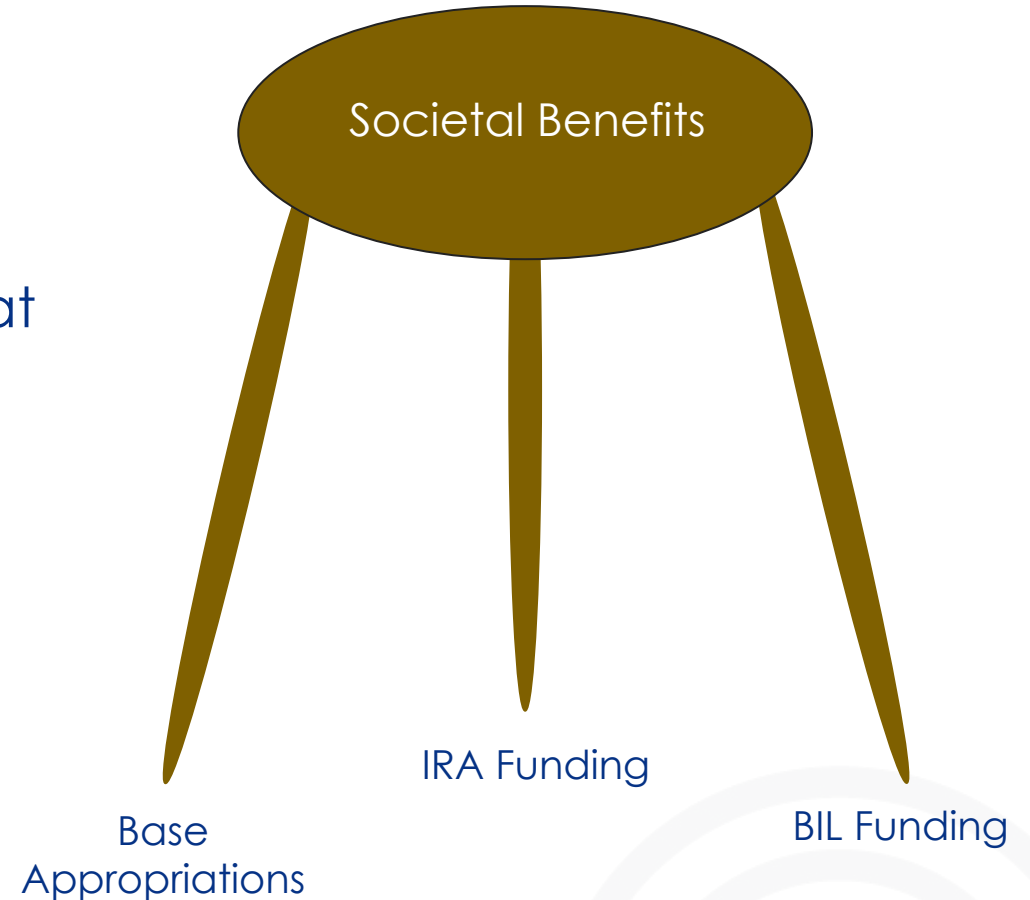


NOAA National Ocean Service - Navigation, Observations, and Positioning:  
 'National IOOS' & 'Regional IOOS Observations'

- Estimated Enacted levels are 'post rescission' totals for each year
- 'Request' = the President's Budget Request

## Shifting the Conversation about IOOS Funding

- What are the high level impacts of having healthy Base, IRA, and BIL funding?
- What impactful projects have we completed that weren't possible before, and how do we tell those stories?
- Quantifying success with measures, milestones, success stories, and engagement opportunities





# Looking Forward





**Questions?**