

National Ocean Service

TRB Marine Board Update

**Ms. Heather Gilbert,
Office of Coast Survey, NOS, NOAA
November 18, 2021**



Overview

- ★ Leadership Updates
- ★ Administration Priorities
- ★ NOAA Priorities
- ★ Budget & Appropriations
- ★ Program Updates



Leadership Updates



Dr. Rick Spinrad

Under Secretary of
Commerce for Oceans and
Atmosphere & 11th NOAA
Administrator



Jainey Bavishi

(NOMINATED)

Assistant Secretary for
Oceans and Atmosphere in
the Department of
Commerce



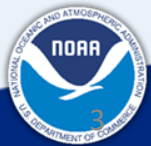
CAPT Ben Evans

Director, Office of Coast
Survey, NOAA's National
Ocean Service



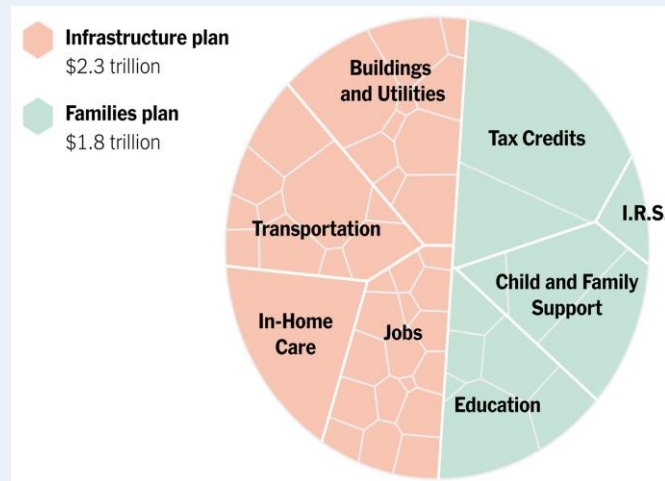
Nicole LeBoeuf

Assistant Administrator,
NOAA's National Ocean
Service



Administration Priorities

- Covid & Economic Recovery
 - American Jobs Plan - March 2021
- Addressing the Climate Crisis
 - Executive Order on Tackling the Climate Crisis at Home and Abroad (January 2021)
 - New White House Interagency Working Groups
 - [IWG on Coastal Resilience](#)
 - [IWG on Flood Standard](#)
- Equity, Racial Justice and Underserved Communities



NOAA Priorities

Science, Service and Stewardship



Climate

Establish that NOAA is the primary authoritative source for climate products and services that can be applied to a diverse range of missions, just as we are for weather.



Balance

Advance NOAA's complementary work on environmental stewardship and economic development with a particular focus on the New Blue Economy.



Equity

Exhibit equity in how we build and provide services. Within NOAA, we will promote diversity, equity, inclusion and accessibility in the workforce. Externally, we will provide equitable access to our products and services.



noaa.gov/our-mission-and-vision

National Ocean Service

Budget Overview

Congress-passed Infrastructure Bill: About [\\$3B for NOAA](#), including

- \$492M (ORF) for coastal and inland flood and inundation mapping and forecasting (including next gen water modeling)
- \$100M (ORF) coastal, ocean, Great Lakes obs
- \$50M (PAC) coastal, ocean, Great Lakes obs
- About \$2B in various, mostly grant programs relating to coastal resilience, fisheries and other habitat restoration, marine debris

Reconciliation

- The House, Senate and White House continue to negotiate the terms for the reconciliation bill, commonly referred to as Build Back Better. The language and funding levels are subject to change, including for NOAA.

FY22 Annual Appropriations

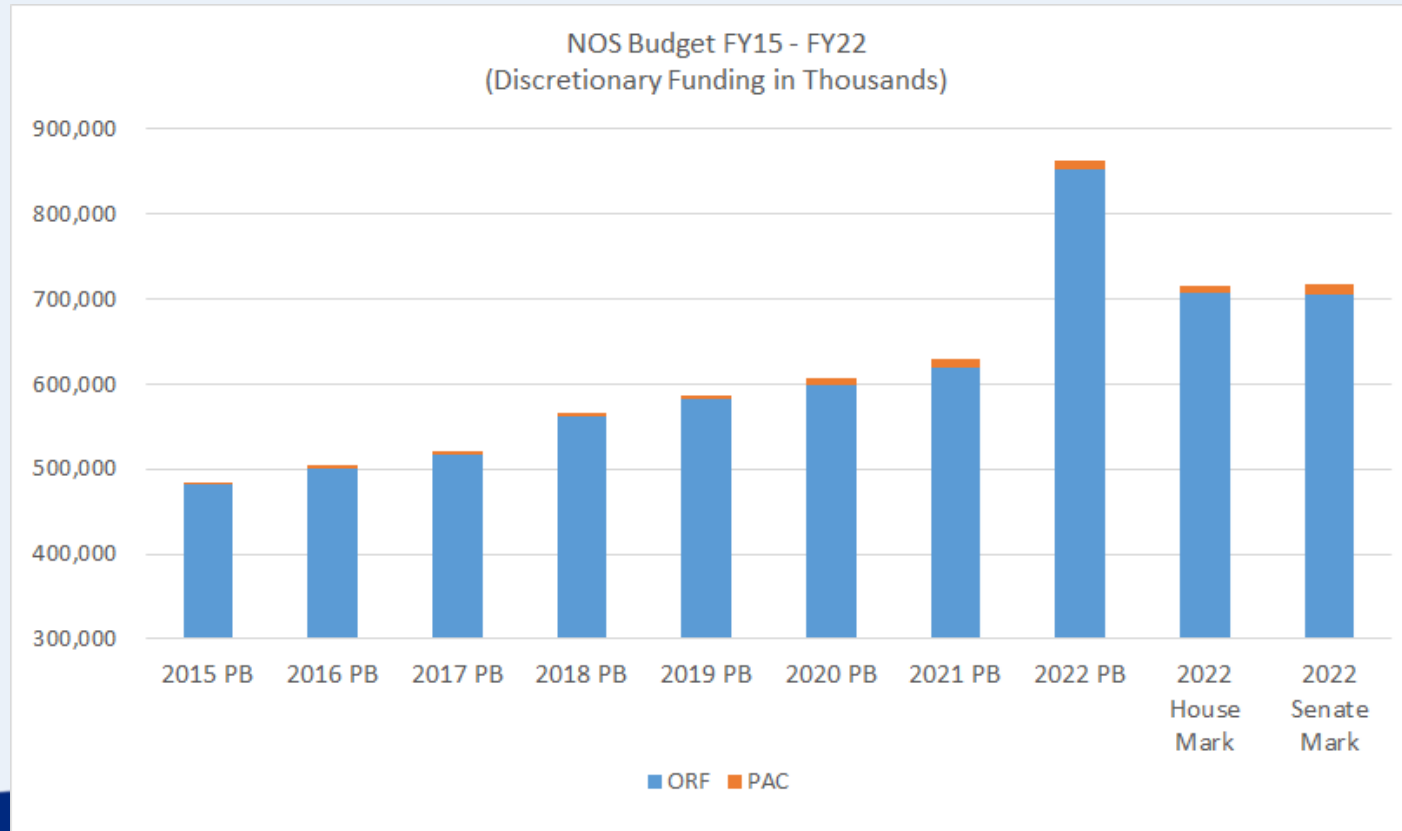
- President's Request
- House has marked up our budget*
- Senate has not taken action*

** earmarks are back*



NOS Budget Trends: FY13-FY20

(Discretionary Funding in Thousands)



(\$ in Thousands)	2021 Enacted	2022 Pres Bud	2022 House Mark	2022 Senate Mark
Navigation, Observations and Positioning				
Navigation, Observations and Positioning	162,500	186,596	183,000	176,000
Hydrographic Survey Priorities / Contracts	32,000	32,000	32,000	34,000
IOOS Regional Observations	40,500	69,500	50,000	47,000
Total, Navigation, Observations and Positioning	235,000	288,096	265,000	257,000
Coastal Science and Assessment				
Coastal Science, Assessment, Response and Restoration	86,500	112,327	101,000	97,250
Competitive Research	21,000	42,000	28,000	29,000
Total, Coastal Science and Assessment	107,500	154,327	129,000	126,250
Ocean and Coastal Management and Services				
Coastal Zone Management and Services	46,700	64,789	62,000	58,000
Coastal Zone Management Grants	78,500	108,500	82,500	88,500
National Oceans and Coastal Security Fund	34,000	68,000	38,000	36,000
Coral Reef Program	33,000	43,193	38,000	40,000
National Estuarine Research Reserve System - NERRS	28,500	42,500	30,500	34,000
Sanctuaries and Marine Protected Areas	56,500	84,503	61,500	66,000
Total, Ocean and Coastal Management and Services	277,200	411,485	312,500	322,500
National Ocean Service - Operations, Research and Facilities	619,700	853,908	706,500	705,750
Construction				
National Estuarine Research Reserve Construction	4,500	4,500	4,000	6,500
Marine Sanctuaries Construction	4,000	4,000	4,000	5,500
Total, Construction	8,500	8,500	8,000	12,000
National Ocean Service - Procurement, Acquisition, and Construction	8,500	8,500	8,000	12,000
Grand Total - National Ocean Service Discretionary – ORF and PAC	628,200	862,408	714,500	717,750



Program Updates



NOAA Precision Marine Navigation Program

MarineNavigation.NOAA.GOV

- A recently launched website will improve the use and accessibility of NOAA's marine navigation products and services.
- Includes links and short descriptions to NOAA's various navigation resources, a [one-stop shop](#) for mariners get the data they need.

[Third Annual Stakeholder Workshop](#)

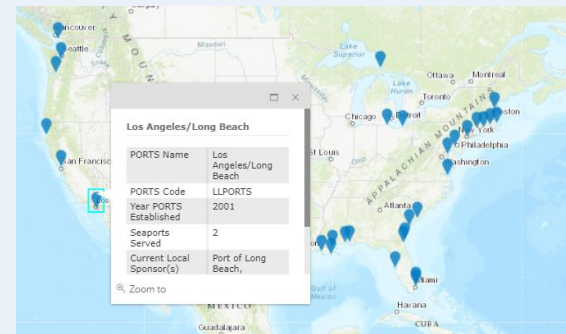
- Participants from industry, academia, international hydrographic organizations, and interagency partners.



Physical Oceanographic Real-Time System (PORTS®)

Celebrated 30 years!

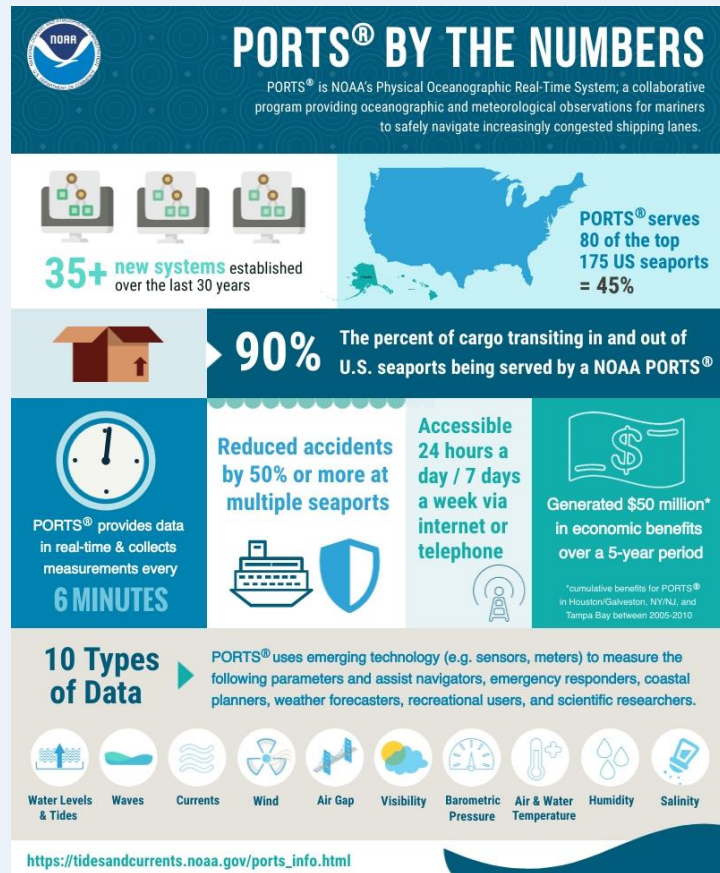
- [Anniversary Video](#)
- [New PORTS® Landing Page](#)
- Congressional Briefings, web stories, & new infographics!



Physical Oceanographic Real-Time System (PORTS®)

Upcoming in FY22 and FY23

- Kitsap Peninsula, WA (FY22)
 - Partnership with U.S. Navy
 - 1 tide station and 2 current meters
- Freeport, TX (FY22)
 - Emerging partnership with Port Freeport
 - Integrate 1 NWLON, add 2 current meters
- Pearl Harbor - Honolulu, HI (FY23)
 - Emerging partnership with U.S. Navy
 - Integrate 1 NWLON, 1 wave buoy, add 1 tide station and 2 current meters



Uncrewed Aircraft Systems (UAS)

A collaboration between NOAA OR&R's Emergency Response Division, the Office of Atmospheric Research, and the Office of Marine and Aviation Operations has resulted in two new job aids for oil spill and hurricane response.

[Hurricane Response Job Aid](#) - developed to supplement hurricane response activities (post-storm derelict vessel and HAZMAT identification and removal), providing a guide for the use of consumer-grade small UAS with photo and video capability.

[Oil Spill Response Job Aid](#) - provides a guide for the effective use of consumer-grade small UAS with photo and video capability during oil spill response, and was developed to supplement the [Shoreline Assessment Manual](#). Although this guidance is written for oil spills, it may also be useful for hazmat discharges or marine debris events.

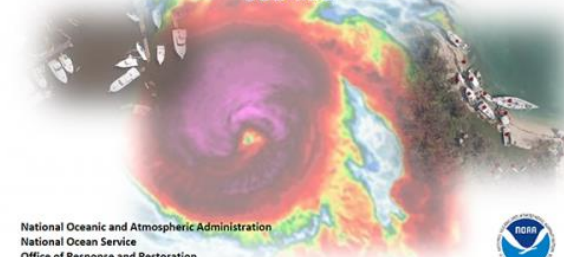


Uncrewed Aircraft Systems Oil Spill Response Job Aid

National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Emergency Response Division



Uncrewed Aircraft Systems Hurricane Response Job Aid



National Oceanic and Atmospheric Administration
National Ocean Service
Office of Response and Restoration
Emergency Response Division



Thank you!

