

*"We are tied to the Ocean. And when we go back to the sea, whether it is to sail or to watch - we are going back from whence we came."*  
- John F. Kennedy

Alaska – AOOOS

Great Lakes – GLOS

Northeast Atlantic – NERACOOS

Pacific Northwest – NANOOS

Central and Northern California – CeNCOOS

Pacific Islands – PacIOOS

Southern California – SCCOOS

Gulf of Mexico – GCOOS

Caribbean – CARICOOS

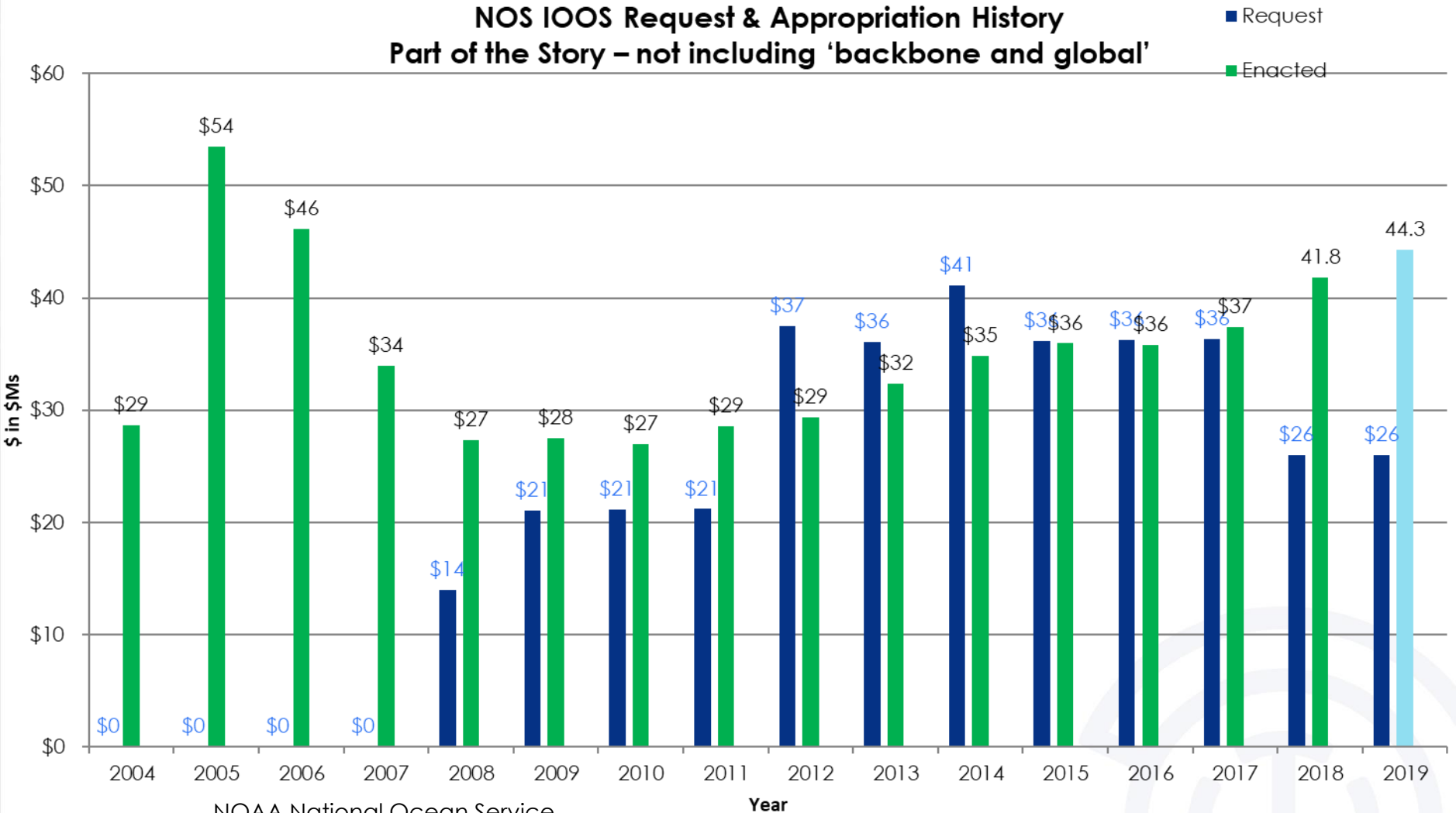
Mid-Atlantic – MARACOOS

Southeast Atlantic – SECOORA

Observing our oceans, coasts and Great Lakes  
*Providing information to those who need it,  
 when they need it*

# U.S. IOOS Enacted and President's Budgets FY12-19

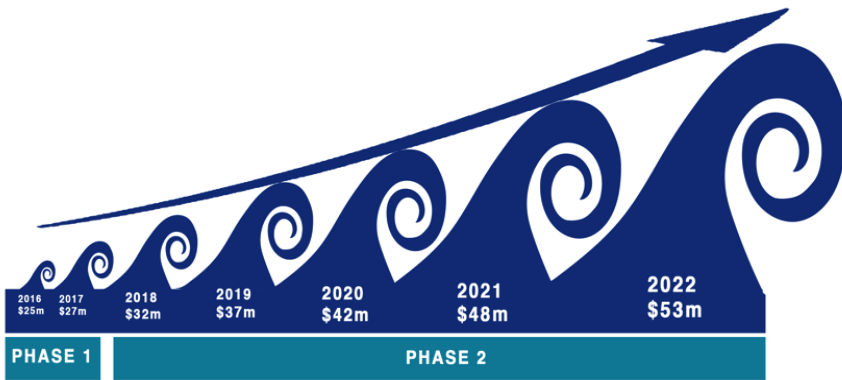
**NOS IOOS Request & Appropriation History**  
 Part of the Story – not including 'backbone and global'



NOAA National Ocean Service

- Navigation, Observations, and Positioning: 'National IOOS' component FY18 Omnibus \$6.8M & 'Regional IOOS Observations' \$35M
- Estimated Enacted levels are 'post rescission' totals for each year
- 'Request' = the President's Budget Request
- FY19 House Mark is first, next is Senate Mark, then Conference...

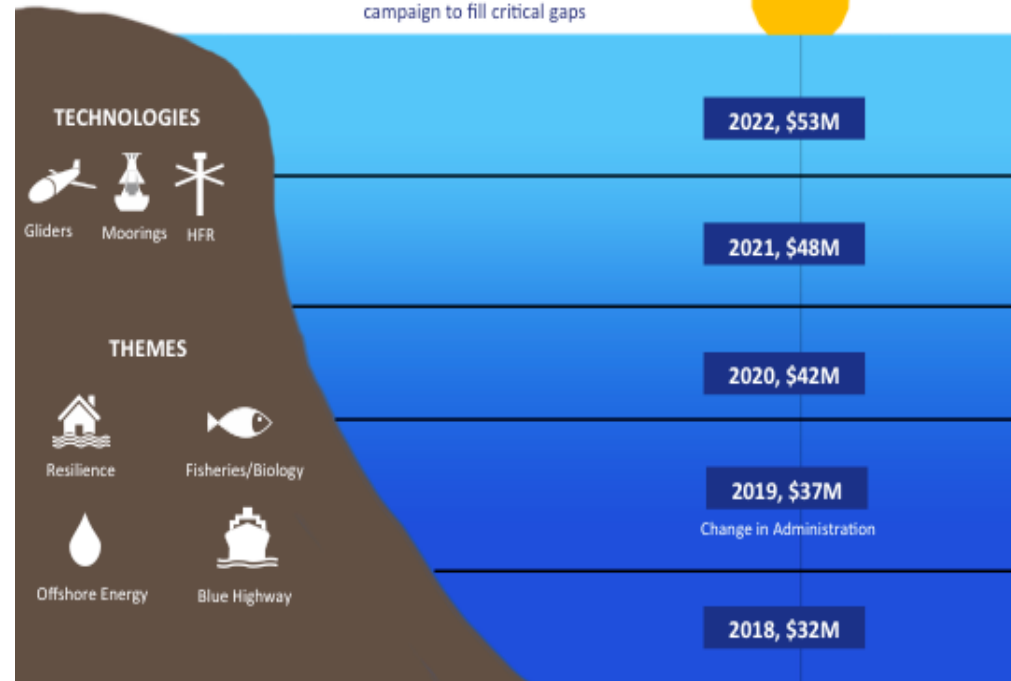
# Closing the Gaps: 5 yr Campaign



- Scalable campaign
- Tangible outcomes
- Align with Administration Priorities
- Filling targeted gaps in:
  - HR Radars
  - Gliders
  - And Moorings

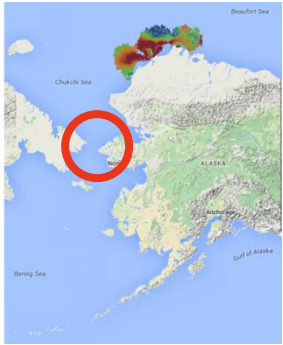
## CLOSING THE GAP CAMPAIGN Phase 2: FY18-FY23 Multiyear Strategy

Desired outcome of discussion: Input from the regions and the Program Office on how to organize a successful campaign to fill critical gaps



# US IOOS FY 17 High Frequency Radar Request

\$3.1 million to install 12 high frequency radar systems



Safeguarding the Arctic Marine Highway

2 remote radars needed



Protecting Lives and Public Health in the Pacific Northwest

3 radars needed



Cleaning up the Great Lakes

3 radars needed



Saving Lives off Florida's Coast

2 radars needed



Saving Millions in the Gulf of Mexico

3 radars needed



# Gaps Campaign Responding to Congress



## INTEGRATED OCEAN OBSERVING SYSTEM - IOOS

Saving Lives, Protecting Health & Promoting Commerce



*Image courtesy of NOAA*

### Mapping Surface Currents



*Image courtesy of USC*

### Seeing Underwater with Coastal Gliders



*Image courtesy of Ben Hollings, Blue Ocean Monitoring*