

OceanReports

a MarineCadastre.gov Application

BOEM
BUREAU OF OCEAN ENERGY MANAGEMENT



OceanReports Quick Facts

1. Partnership between BOEM and NOAA through MarineCadastre.gov
2. Provides automated spatial analyses and reports for the entire exclusive economic zone (EEZ)
3. Integrates over 100 data sets from MarineCadastre.gov and other trusted sources
4. Provides easy-to-interpret infographics – charts, graphs, and graphics for complex data
5. Designed for all within ocean industry: consultants, planners, policy makers, and scientists
6. Designed on an extensible platform built on commercial and open-source software. ***It's Lightning Fast.***



OceanReports Intended Benefits

- Increased regulatory efficiency and transparency
- Industry, NGOs, and Gov't better informed
- All sectors save time and money
- Decreased number of permitting false starts
- Directly supports E.O. 13840 and the Federal Data Strategy of 2018



Imagine if . . .

You could pull up a map, draw an area, and in seconds obtain a comprehensive spatial analysis and report for your area –

And do it anywhere in the U.S. EEZ.



**OceanReports**

A BOEM/NOAA PARTNERSHIP

Custom Ocean Reports for Permitting

Draw a custom area anywhere in U.S. waters or pick from a predefined list of locations and get instant custom reports. Reports include descriptive infographics and supporting data that can be used for offshore planning, permitting, environmental review, public relations and more. New features include print by industry, share, and add your own coordinates.

Report Topics Include

General Information	Oceanographic and Biophysical
Energy and Minerals	Transportation and Infrastructure
Natural Resources and Conservation	Economics and Commerce

[DRAW CUSTOM AREA](#)[VIEW QUICK REPORTS](#)

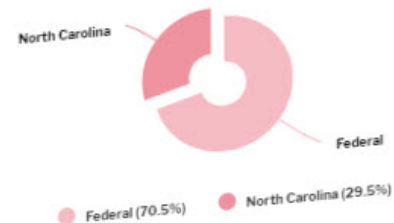
GENERAL INFORMATION

Custom Area near Bald Head Island, NC

Report Area

677
Miles²**511**
Nautical Miles²**1,753**
Kilometers²

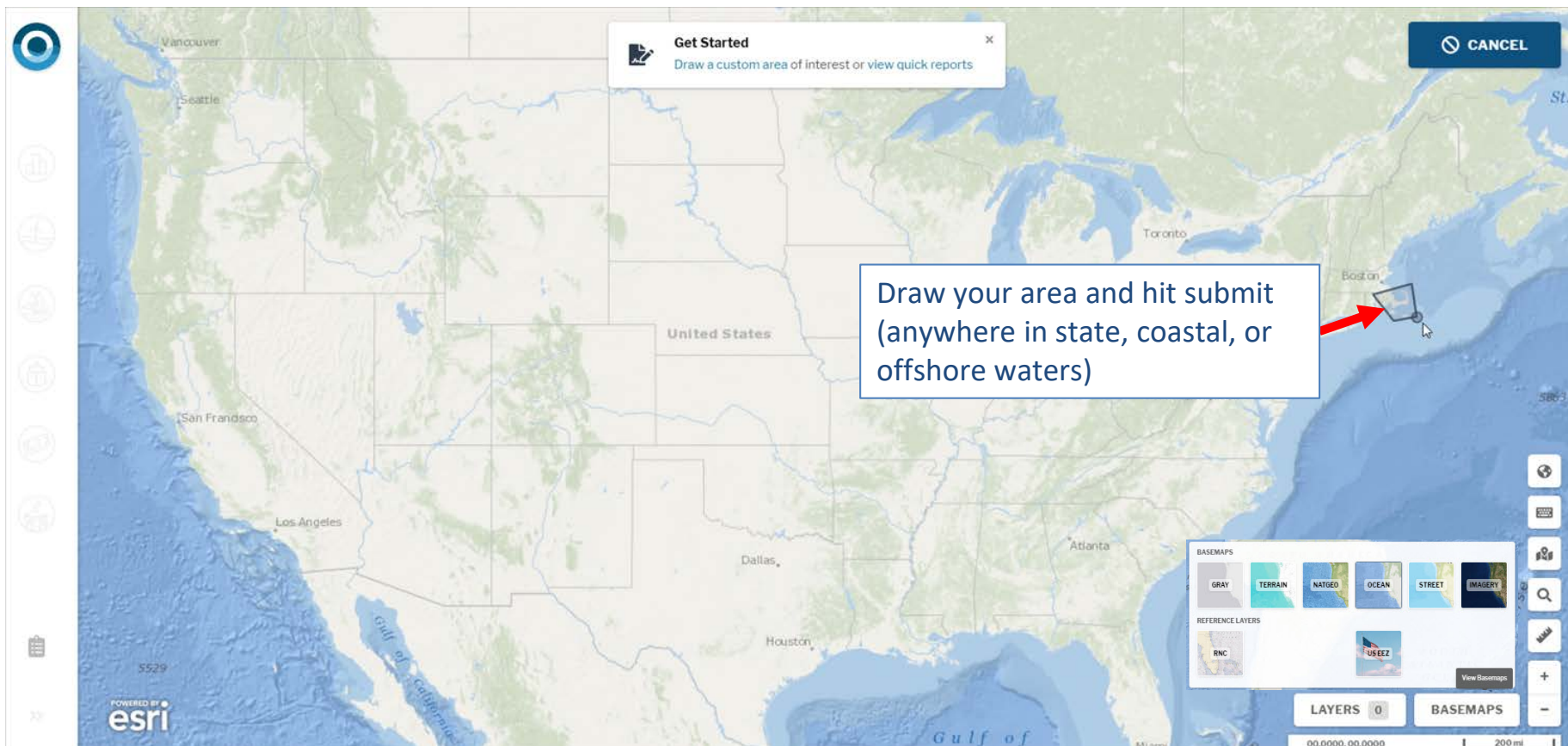
Federal, State and County Jurisdictions



Populated Places

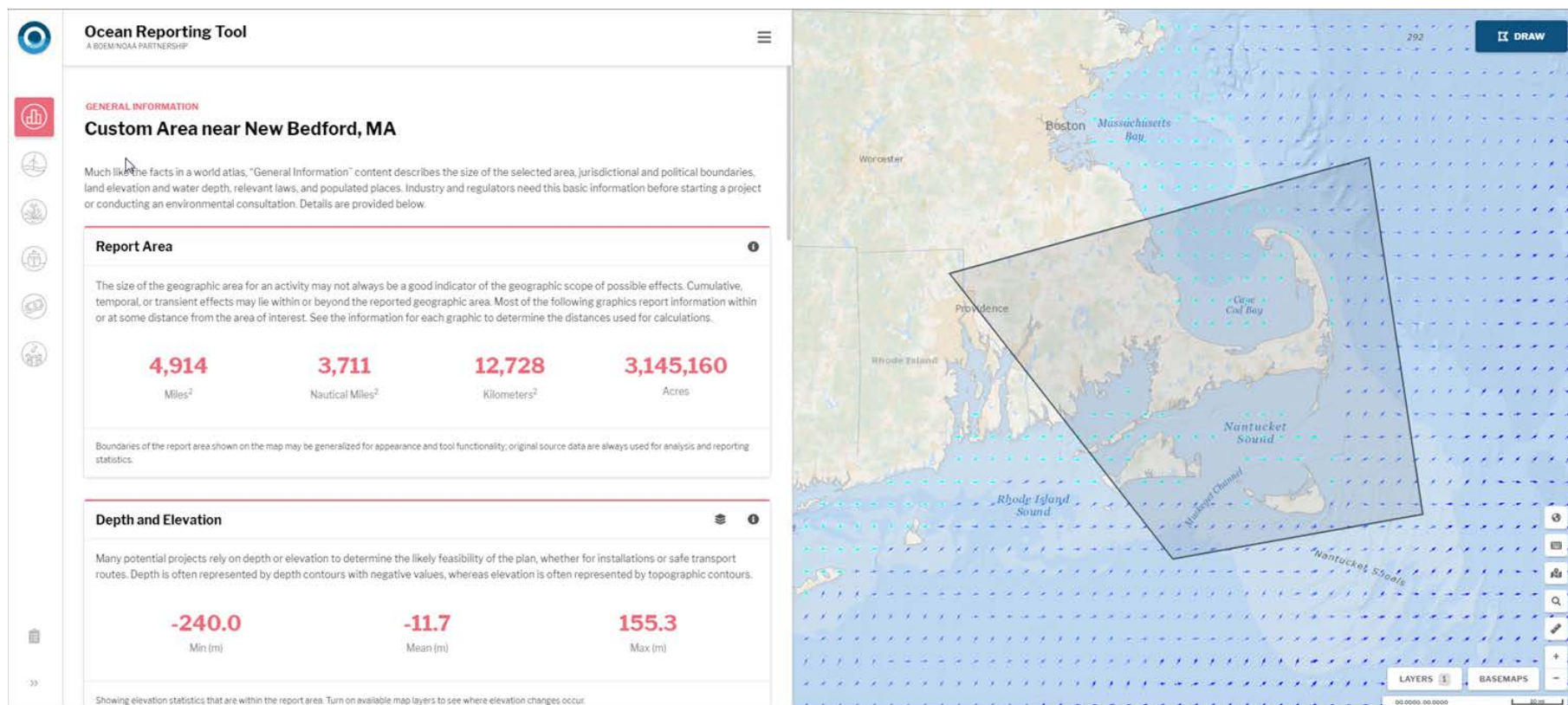
Cities	Population (2010)	Distance in Miles
Bald Head Island, NC	158	3.55

Custom Spatial Analyses and Quick Reports



General Information

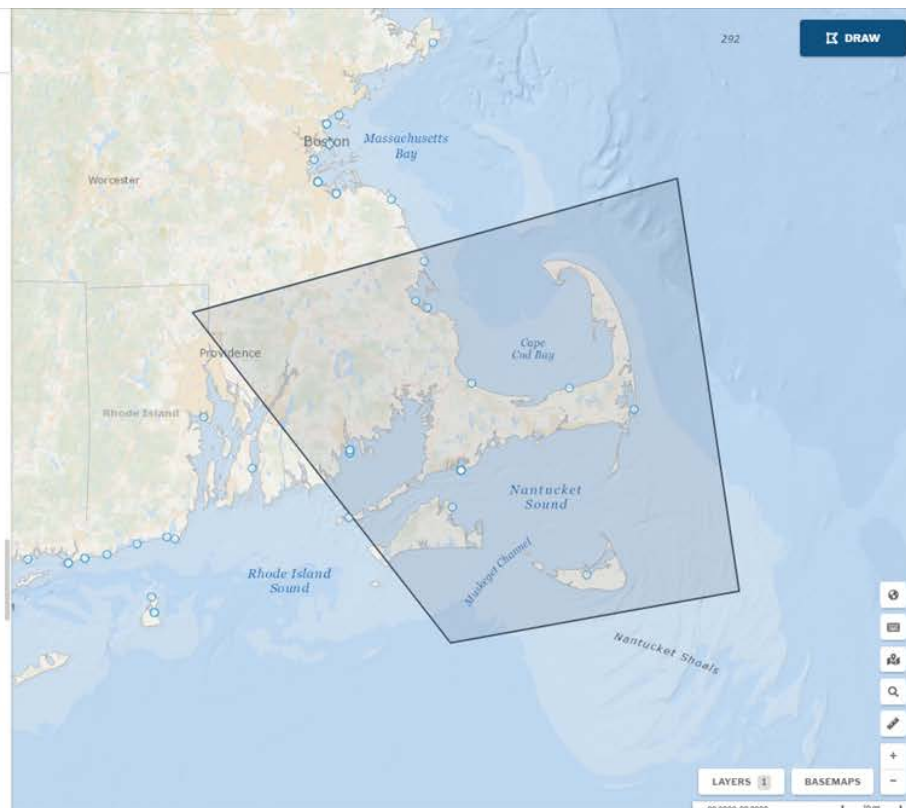
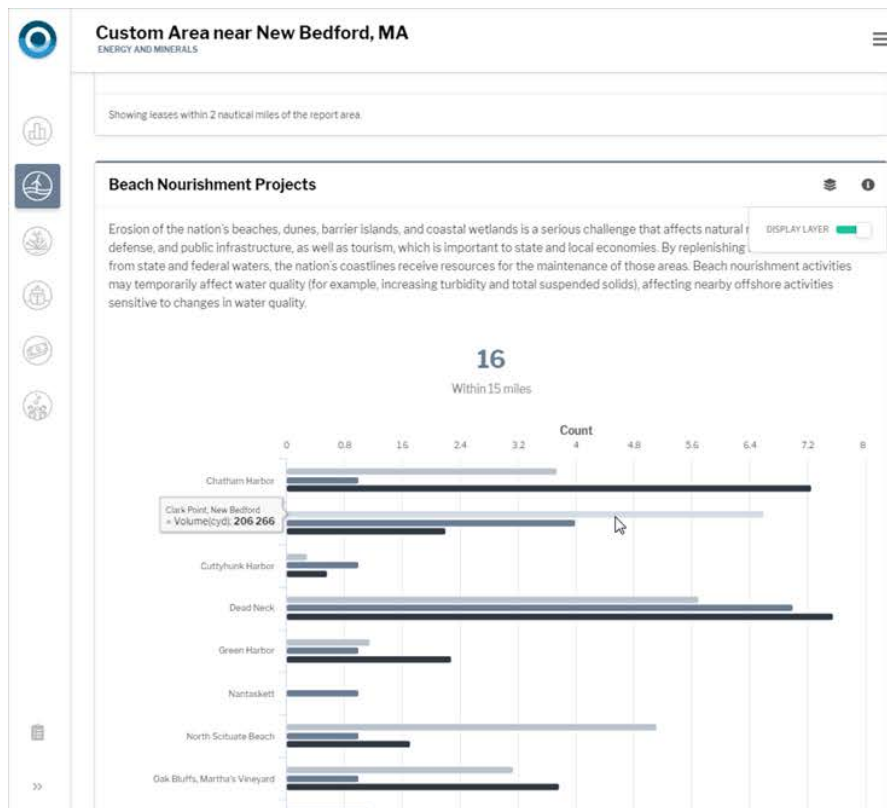
Report Area
Depth/Elevation
Populated Places
Federal/State/County Jurisdictions
Congressional and Legislative Districts
Federal Statutes
Tribal Lands



Energy and Minerals

Wind Potential
Wind Planning Areas
Wind Energy leases
Revenue Sharing Areas
Oil and Gas Potential
Oil and Gas Planning Areas
Oil and Gas Leases

Energy Facilities
OCS Blocks with Sand Resources
Federal Sand and Gravel Leases
Beach Nourishment
Surficial Sediment Texture
Disposal Sites



Natural Resources and Conservation

Endangered Species

ESA-Critical Habitat Designations

Habitat Areas of Particular Concern

Managed Highly Migratory Species

Audubon Important Bird Areas

Protected Areas

Artificial Reefs

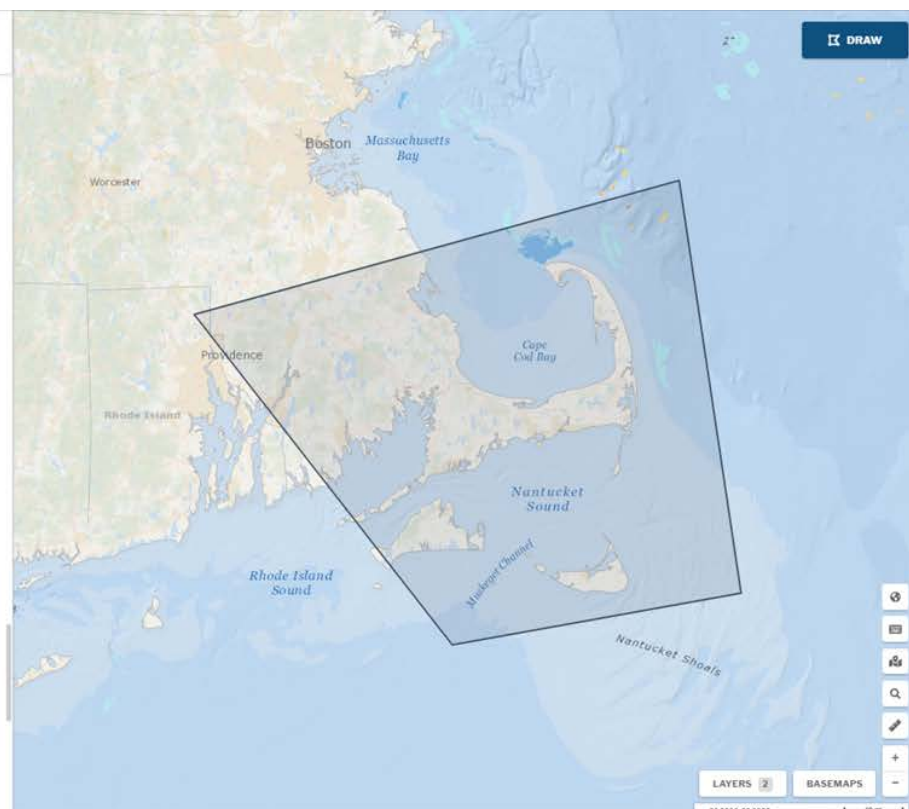
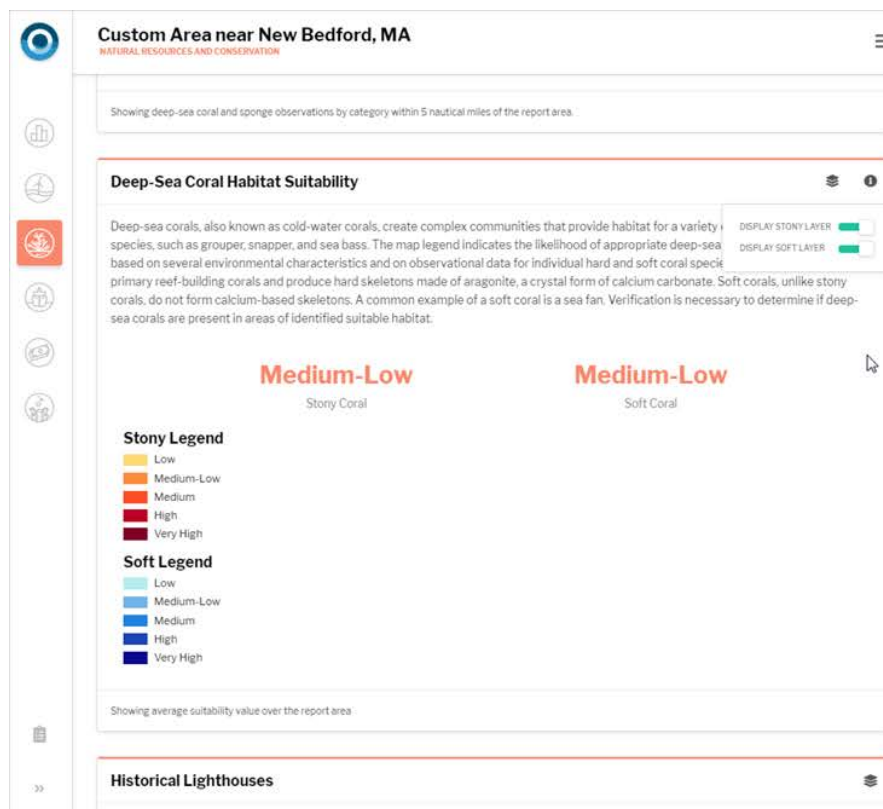
Shallow Corals

Deep-sea Sponge/Coral Obs.

Deep-sea Coral Habitat Suitability

Historical Lighthouses

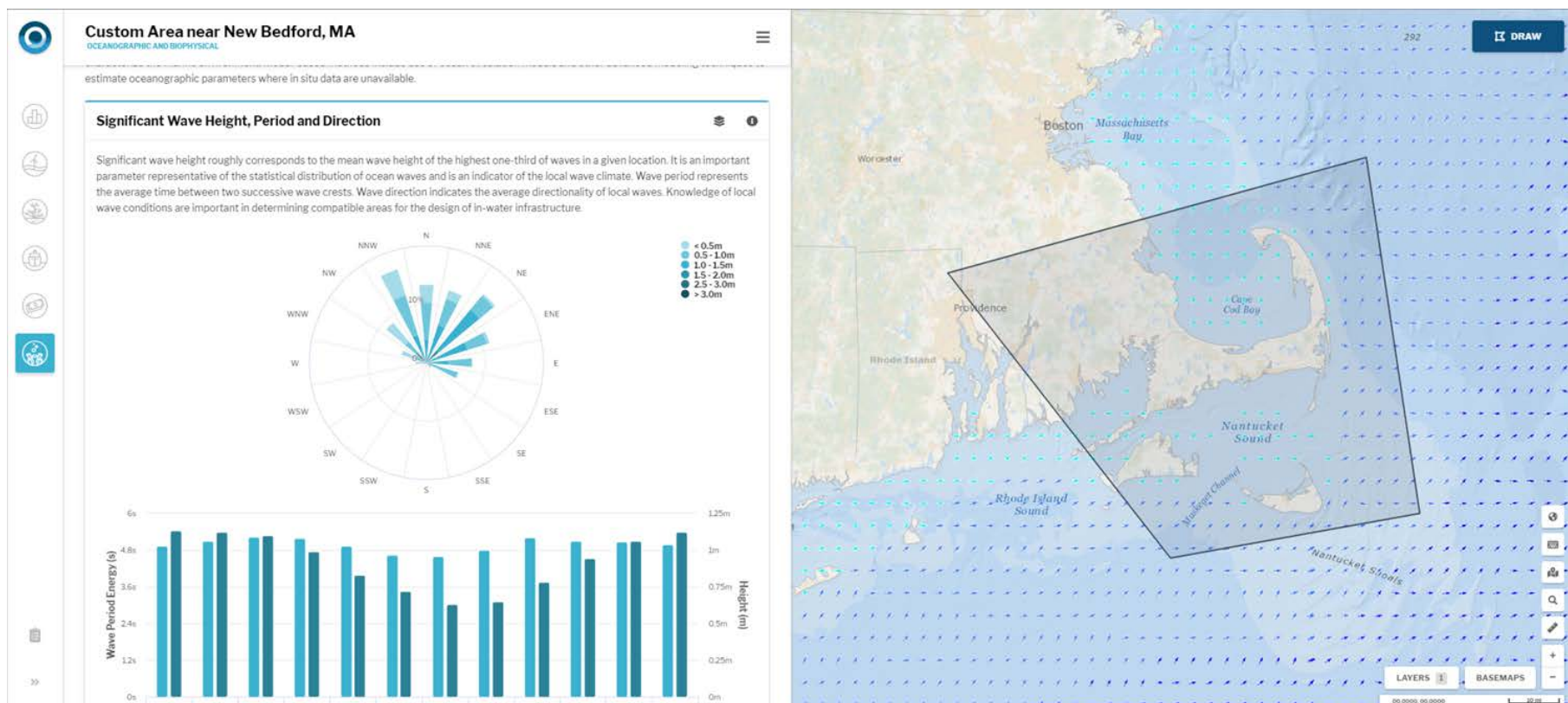
Cetacean Biologically Important Areas



Oceanographic and Biophysical

Wave Height, Period and Direction
Wind Speed and Direction
Current Speed
Current Direction
Sea Surface Height
Water Temp/Salinity
Nitrates

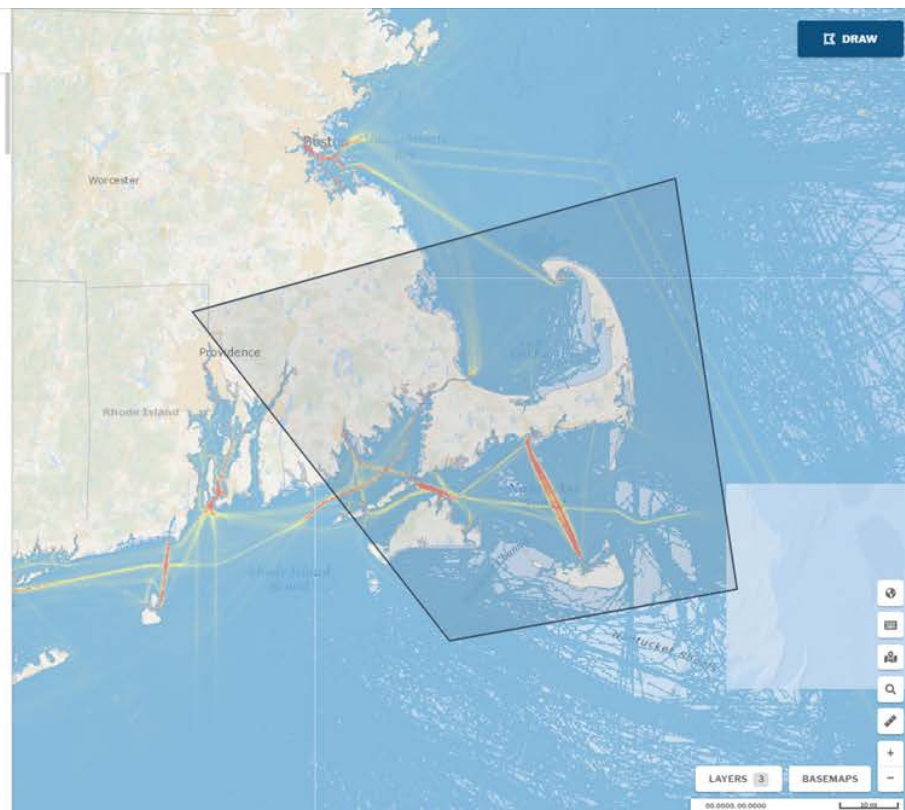
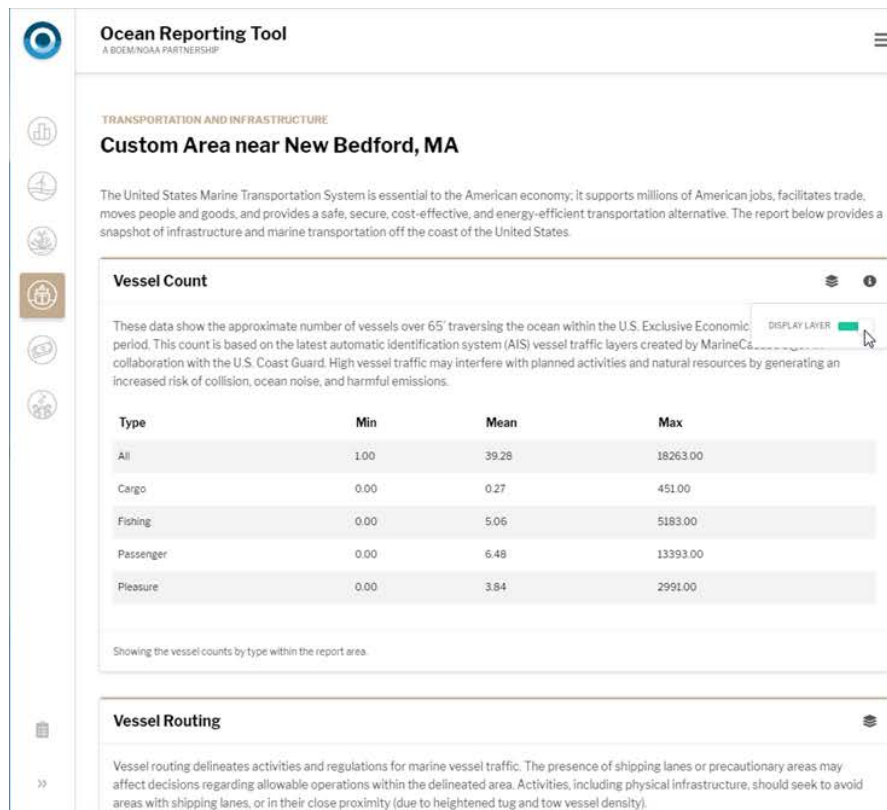
Phosphates
Silicates
Aragonite
Light Attenuation KD PAR
Light Attenuation KD 490
Chlorophyll a
Concentration



Transportation and Infrastructure

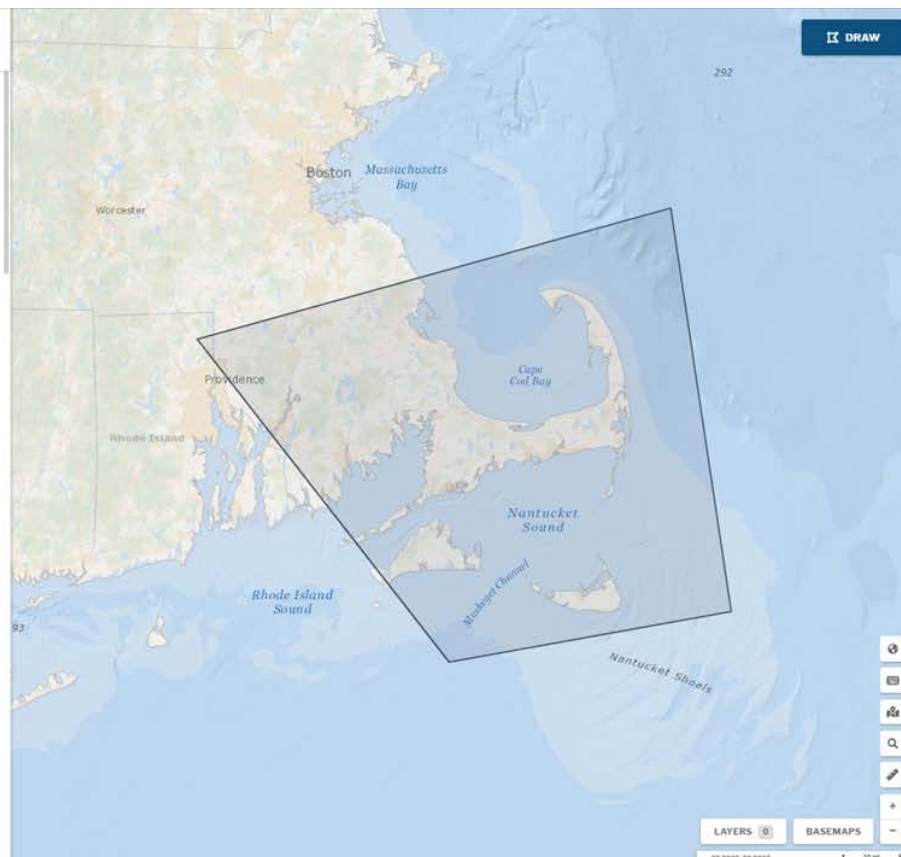
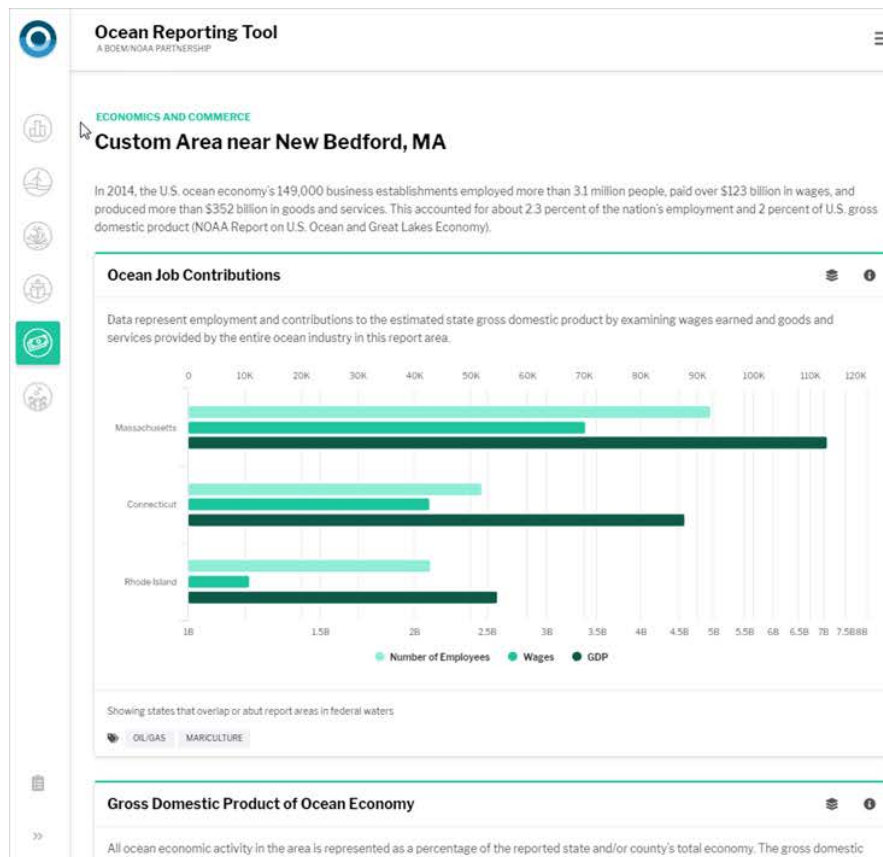
AIS Vessel Count
Vessel Routing
Right Whale Mgmt. Areas
Anchorage Areas
Pilot Boarding
Ports
Coastal Maintained Channels
Danger Zones/Restricted Areas

Unexploded Ordnances
Formerly Used Defense Sites
Wrecks/Obstructions
Cables and Pipelines
Wastewater Outfalls
Aquaculture
Oil Lightering Zones
Deepwater Ports
Oil/Gas Platforms
Oil/Gas Wells




Economics and Commerce

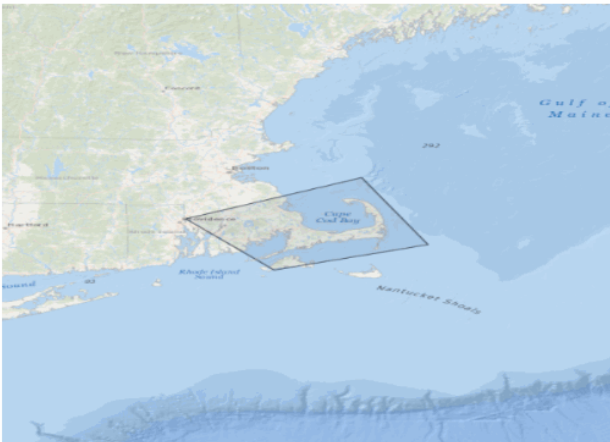
Ocean Job Contributions
GDP of Ocean Economy
Contributions by Sector
Census Statistics
Fishing Economic Value



Print Your Report


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<https://marinecadastre.gov/ort>



**Ocean Report for Custom Area near
New Bedford, MA**

March 5, 2019

Full	Aquaculture	<input checked="" type="checkbox"/>
Oil/Gas	Aragonite	<input type="checkbox"/>
Renewable	Artificial Reefs	<input type="checkbox"/>
Sand/Minerals	Atlantic Mean Fishing Economic Value (2007-2012)	<input type="checkbox"/>
Aquaculture	Audubon Important Bird Areas	<input type="checkbox"/>
	Beach Nourishment Projects	<input type="checkbox"/>
	BOEM Offshore Oil And Gas Resource Potential	<input type="checkbox"/>
	Census Statistics	<input type="checkbox"/>

Full
Report Type

67
Infographics

CANCEL

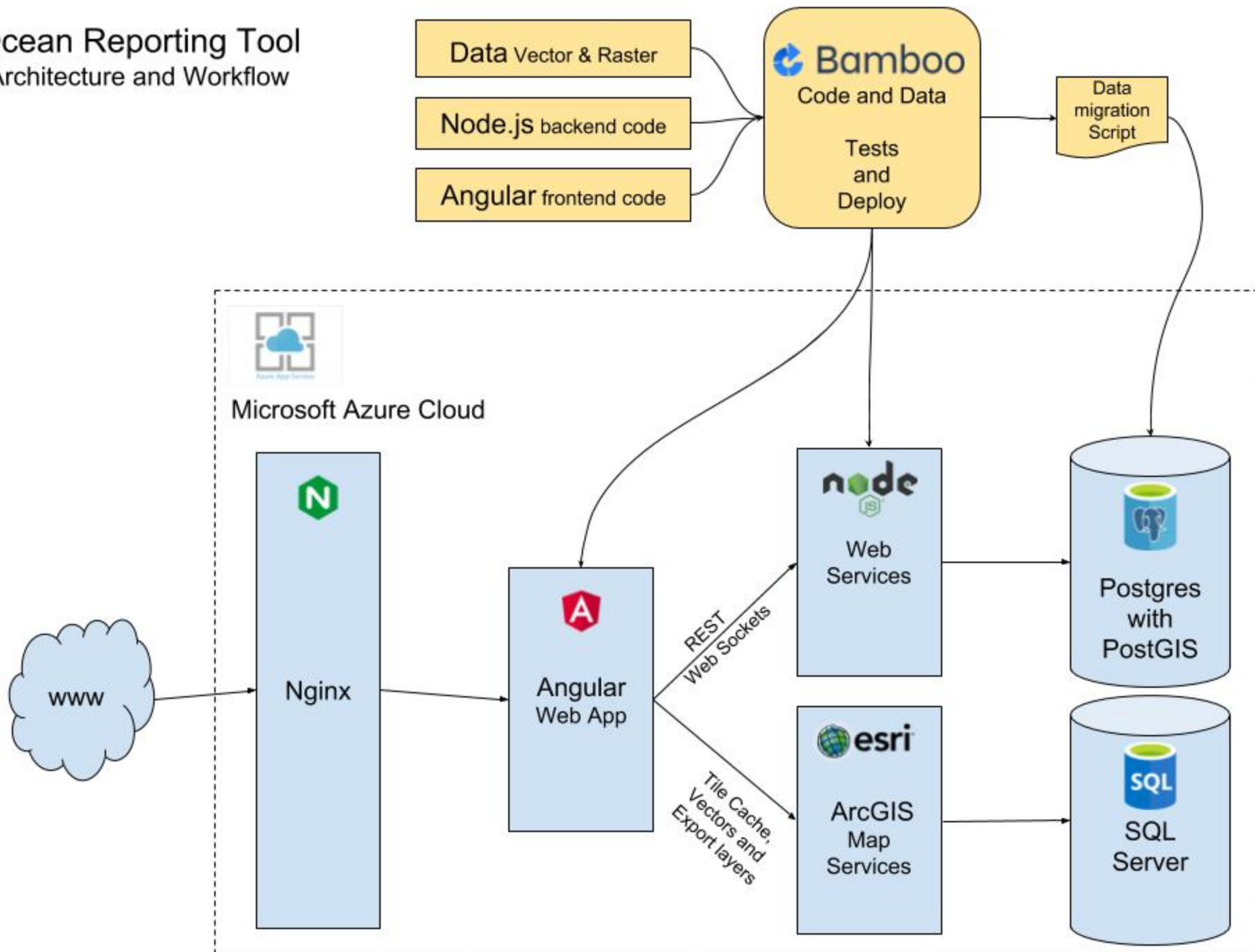
PRINT

**Option to print
all or by industry**

**Option to fully
customize your
print output**

Ocean Reporting Tool

Architecture and Workflow



Questions?



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