

HCOM Update

NROC

November 5, 2015

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Data Sharing Agreement

NROC members will upload their data to an agreed-upon service (currently the U.S. Federal Mapping Coordination Seasketch site, in future potentially housed at geoplatform.gov or other federal coordination site) in the month prior to an NROC meeting (three times a year). Each NROC member state and federal representative to the Habitat Classification and Ocean Mapping Subcommittee will be responsible for providing current needs and mapping plans, and then updating those data as the need arises through a central contact that manages the online service. Concurrently, if there are significant changes to plans, an effort will be made to share those in a timely manner with the Habitat Classification and Ocean Mapping Subcommittee. It is understood that the plans and needs shared in Seasketch are preliminary and may change at any point. The shared plans and needs are to be used solely for the purpose of starting conversations for leveraging mapping opportunities – not as something to be held accountable to.

SeaSketch

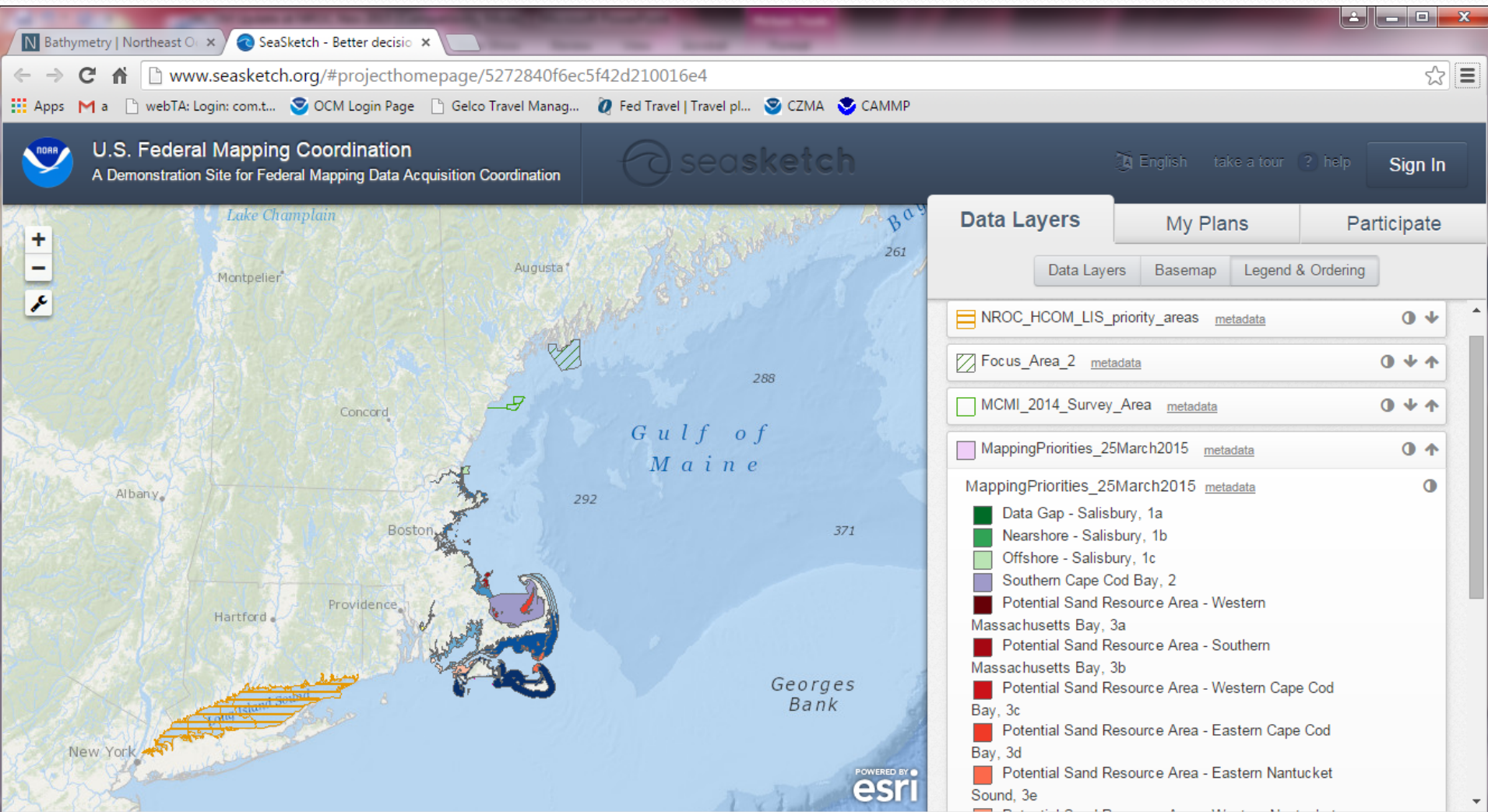
The screenshot displays the SeaSketch web application interface. The browser window shows the URL www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e4. The page header includes the NOAA logo, the text "U.S. Federal Mapping Coordination" and "A Demonstration Site for Federal Mapping Data Acquisition Coordination", the SeaSketch logo, and navigation links for "English", "take a tour", "help", and "Sign In".

The main map area shows a coastal region of the Northeast United States, including Lake Champlain, Montpelier, Augustus, Concord, Albany, and the Gulf of Maine. The map is overlaid with a red grid and various colored polygons representing different data layers. A search bar on the left allows for finding specific layers.

The right sidebar contains a "Data Layers" tab, a "My Plans" tab, and a "Participate" tab. Below these tabs is a search bar labeled "Search layers by name or keyword". The "Mapping Priorities: Needs, Requirements" section lists several categories of data layers, each with a checkbox and a description:

- ☒ Areas of Interest (specifying of data types is optional)
 - ☒ Federal
 - ☒ Marine Protected Area Boundaries - NERRS, NMS, NWR
 - ☒ NOAA
 - ☒ NOAA NERRS Lidar Survey Need Elkhorn Slough
 - ☒ NOAA Deep-Sea Corals Calif Acoustic ROV/AUV (SWFSC)
 - ☒ NOAA SEFIS Acoustic/Bio Priority Areas
 - ☒ NOAA Cordell Bank NMS priority mapping areas
 - ☒ NOAA_Channel_Is_NMS_Bathy_AOI
 - ☒ NOAA NMFS Priority Conservation Areas
 - ☒ BOEM
 - ☒ BOEM Pacific Priorities
 - ☒ BOEM_eastcoast_wind_energy_areas
 - ☒ BOEM 2014 Hawaii Interest Area
 - ☒ BOEM_MMP_Atlantic_Project Interest Area

State Needs and Plans



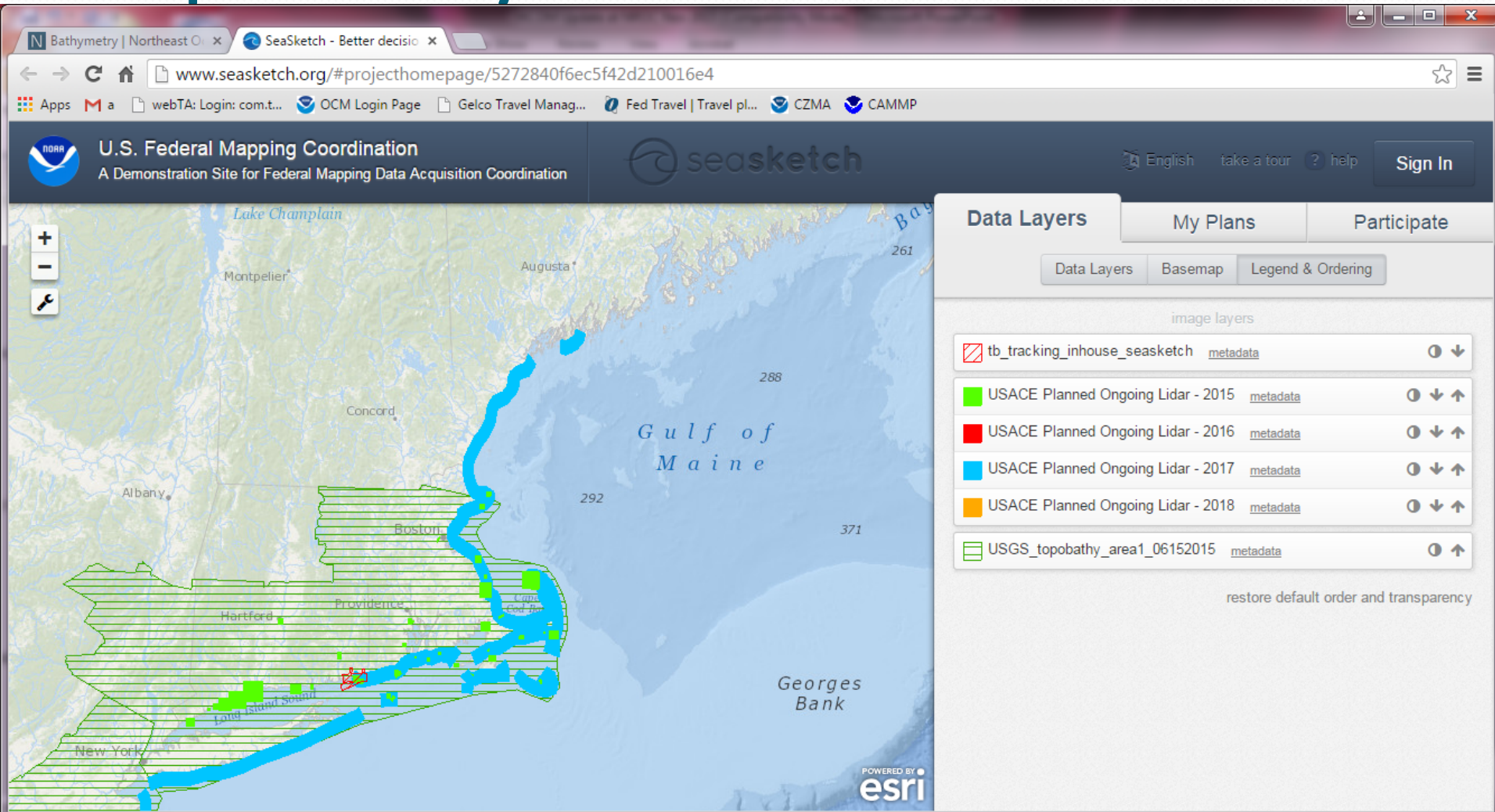
State Needs and Plans

The screenshot displays the SeaSketch web application interface. The browser address bar shows the URL: www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e4. The page header includes the NOAA logo, "U.S. Federal Mapping Coordination", and "A Demonstration Site for Federal Mapping Data Acquisition Coordination". The SeaSketch logo is also present. The main map area shows a coastal region with labels for "Lake Champlain", "Montpelier", "Augusta", "Boston", "New York", "Gulf of Maine", and "Georges Bank". A data layer panel on the right lists several layers: "NROC_HCOM_LIS_priority_areas", "Focus_Area_2", "MCMI_2014_Survey_Area", and "MappingPriorities_25March2015". A pop-up window for "NROC_HCOM_LIS_priority_areas" (1 of 2) displays the following details:

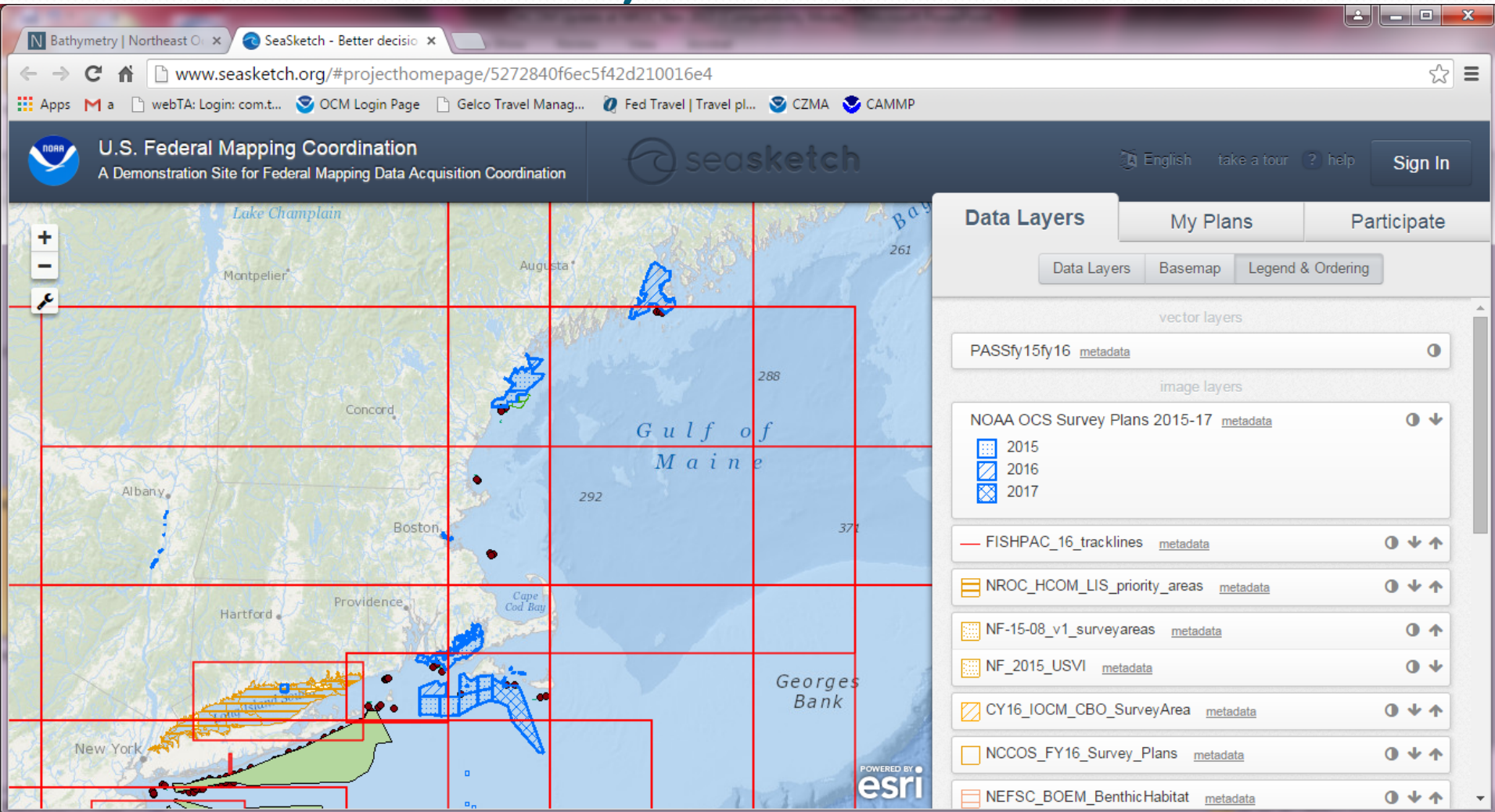
PROPERTY	VALUE
OBJECTID	1
Shape	Polygon
OBJECTID_1	1
MAP_LABEL	High - WLIS
area_sq_mi	107.989769
Shape_Leng	175606.655564
STATUS	Pending
Shape_Length	1.869378
Shape_Area	0.029938
Contact	Kevin.OBrien@ct.gov

The map is powered by Esri. The interface includes navigation controls (zoom in, zoom out, pan) and a "Data Layers" panel on the right with tabs for "Data Layers", "Basemap", and "Legend & Ordering".

Topobathy Lidar



Acoustic/Sonar (Hydro, Bathy, Water Column)



Digital Imagery

Bathymetry | Northeast O x SeaSketch - Better decisio x

www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e4

Apps M a webTA: Login: com.t... OCM Login Page Gelco Travel Manag... Fed Travel | Travel pl... CZMA CAMMP

U.S. Federal Mapping Coordination
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English take a tour ? help Sign In

seasketch

data layers My Plans Participate

Data Layers Basemap Legend & Ordering

image layers

☐	NOAA_ESI_landuse_landcover_PR_VI	metadata	0
☐	NOAA_ESI_landuse_landcover_guam_as_hi	metadata	0 ↓
☒	FY15	metadata	0 ↑
☐	FY15_OB	metadata	0
☒	FY16	metadata	0 ↓
☒	T2014	metadata	0 ↑
☒	T2015	metadata	0
☒	T2016	metadata	0
☒	T2017	metadata	0
☒	T2018	metadata	0
☒	T2019	metadata	0

restore default order and transparency

www.seasketch.org/#

POWERED BY esri

DEMs and CSCAP

Bathymetry | Northeast O x SeaSketch - Better decisio x

www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e4

Apps M a webTA: Login: com.t... OCM Login Page Gelco Travel Manag... Fed Travel | Travel pl... CZMA CAMMP

U.S. Federal Mapping Coordination
A Demonstration Site for Federal Mapping Data Acquisition Coordination

seasketch

English take a tour ? help Sign In

Data Layers My Plans Participate

Data Layers Basemap Legend & Ordering

image layers

2014	metadata	
2015	metadata	
2016	metadata	
2017	metadata	
2018	metadata	
2019	metadata	
NGDC_FY_CY14_DEMs	metadata	
tiles_delivery2_3_sandy_FY15	metadata	

restore default order and transparency

POWERED BY esri

Maine and NOAA OCS

The screenshot displays the SeaSketch web application interface. The browser address bar shows the URL: www.seasketch.org/#projecthomepage/5272840f6ec5f42d210016e4. The page header includes the NOAA logo and text: "U.S. Federal Mapping Coordination" and "A Demonstration Site for Federal Mapping Data Acquisition Coordination". The SeaSketch logo is also present. On the right side of the header, there are links for "English", "take a tour", "help", and a "Sign In" button.

The main content area features a map of the coastal region of Maine. A blue shaded area with a cross-hatch pattern represents the NOAA OCS Survey Plans for 2015-2017. A green outline represents the MCMI_2014_Survey_Area. The map includes a scale bar and a "Concord" label. The bottom right corner of the map area says "POWERED BY esri".

On the right side of the interface, there is a "Data Layers" panel. It has tabs for "Data Layers", "My Plans", and "Participate". Under the "Data Layers" tab, there are sub-tabs for "Data Layers", "Basemap", and "Legend & Ordering". The "Data Layers" sub-tab is active, showing a list of layers under the heading "image layers". The layers listed are:

- NOAA OCS Survey Plans 2015-17 [metadata](#) (with a dropdown arrow icon)
- 2015 (with a blue cross-hatch pattern icon)
- 2016 (with a blue diagonal line pattern icon)
- 2017 (with a blue cross-hatch pattern icon)
- MCMI_2014_Survey_Area [metadata](#) (with a green outline icon and an up arrow icon)

Below the list of layers, there is a link: [restore default order and transparency](#).

NORTHEAST OCEAN DATA

Maps and data for ocean planning in the northeastern United States

HOME

MAPS v

DATA v

ABOUT v



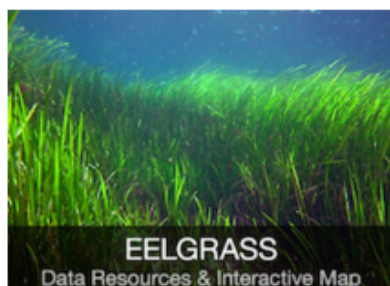
MAMMALS & TURTLES
Interactive Map



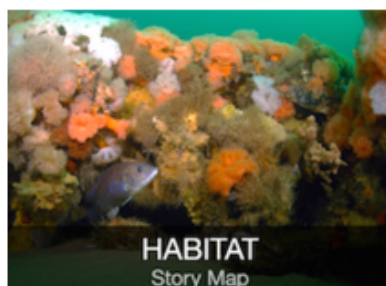
FISH & SHELLFISH
Interactive Map



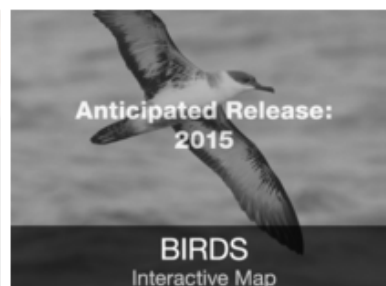
OTHER MARINE LIFE
Interactive Map



EELGRASS
Data Resources & Interactive Map



HABITAT
Story Map



Anticipated Release:
2015

BIRDS
Interactive Map



LAUNCH THE DATA EXPLORER

The Data Explorer provides maps of all available datasets. Any combination of data can be viewed on a single map.

What's Next?

Northeast Ocean Data adds data, maps, and website enhancements on a rolling basis. Find out what's currently in development.

UPCOMING PRODUCTS

ENVIRONMENT



BATHYMETRY
Data Resources & Interactive Maps



WATER QUALITY
Interactive Map



Anticipated Release:
2015

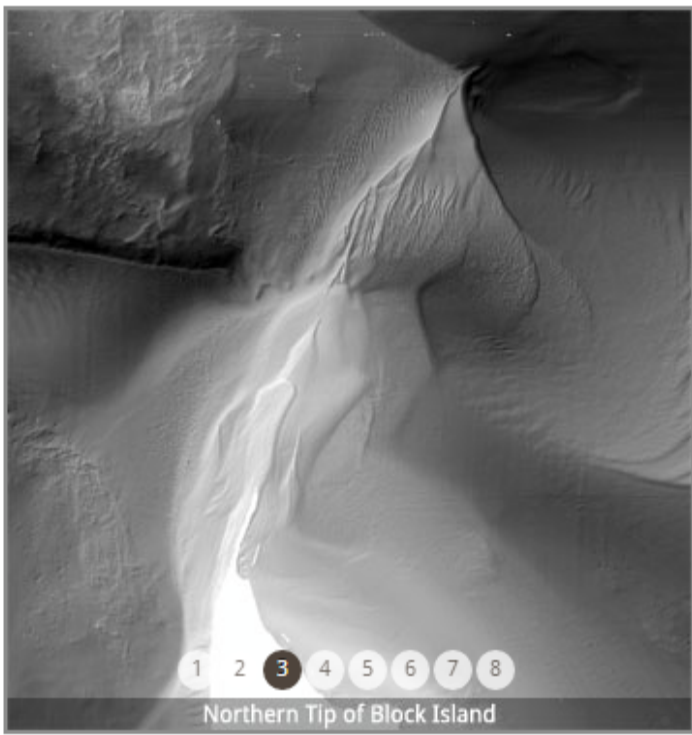
RESTORATION
Interactive Map

NEWS

Upgraded Data Explorer Map Provides New Functionality and Enhanced Performance October 8,

BATHYMETRY

QUICK LINKS > Bathymetry Home | Multibeam Sonar Surveys | Featured Products | Ongoing and Planned Surveys | Other Bathymetry Resources



Multibeam Sonar Surveys	High-resolution bathymetry data
Featured Products	Bathymetry surveys covering selected areas in the region
Ongoing and Planned Surveys	Bathymetric surveys currently occurring or planned in the region
Other Bathymetry Resources	Selected additional sources of bathymetry data

NORTHEAST OCEAN DATA

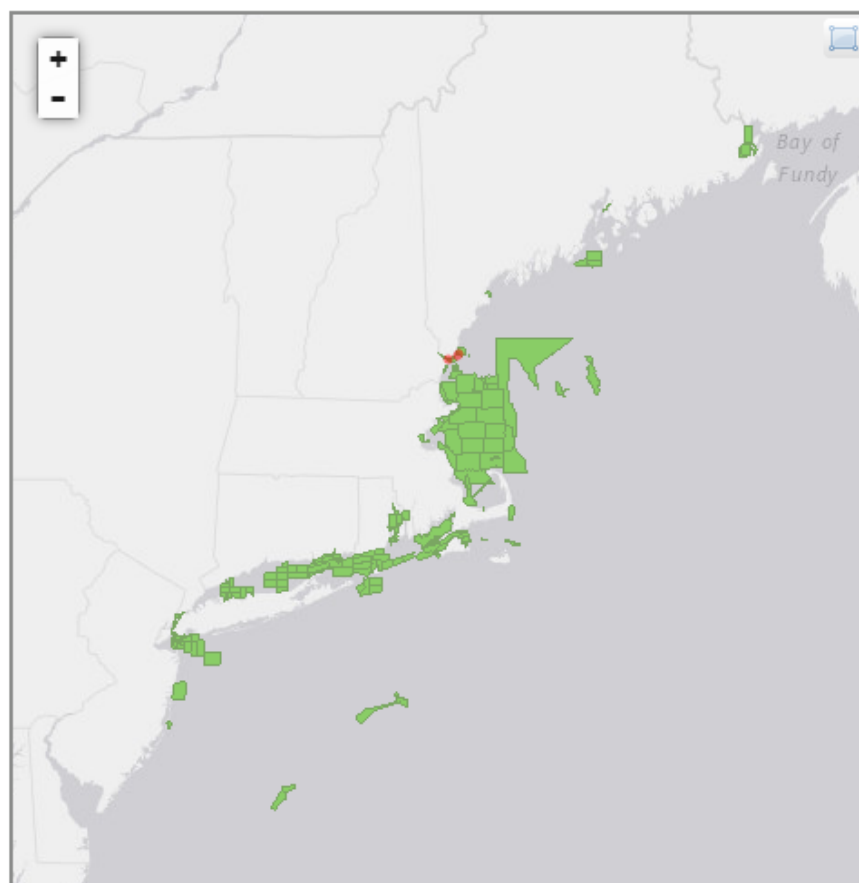
Maps and data for ocean planning in the northeastern United States

HOME

MAPS ▾

DATA ▾

ABOUT ▾



STATE	PLACENAME	DATE	RESOLUTION (m)	SOURCE
ME	Gulf of Maine - Scantum Basin	2013-09-13	4, 8, 16	NOAA
ME	Approaches to Portland	2005-08-31	.75	NOAA
ME	3 NM southeast of York Harbor	2009-10-05	1, 2	NOAA
ME	Vicinity of Boon Island	2011-10-05	.5, 2	NOAA
ME	Approaches to Portland	2005-08-31	1	NOAA
ME	Southern Penobscot Bay	2010-09-28	.5, 1, 2, 4, 8	NOAA
ME	Falls Island, Dennys Bay and Whiting Bay	2010-09-27	1, 2	NOAA
ME	Cobscook Bay	2010-10-13	1, 2	NOAA
ME	Eastern Cobscook Bay and Friar Roads	2010-10-26	1, 2, 4, 8	NOAA

Links

- SeaSketch - <http://www.seasketch.org/#projecthomepage/527284of6ec5f42d210016e4>
- Data Portal - <http://www.northeastoceandata.org/>