Ocean Mapping Data Team (OMDT)

Progress Report: January - June 2022 (in blue font)

To learn more about planned data additions and updates, tool enhancements, and outreach activities, visit the [Portal 2022 Work Plan](#).

ACTIVITY 1
Update existing maps on the Portal to keep them current and ensure they reflect the latest available data.

The following maps/datasets were updated to reflect the latest data for the January - June 2022 reporting period:

- Anchorage Areas – Cape Fear River Approach, North Carolina
- Updated MDAT cetacean data and North Atlantic right whale models
- Ocean Disposal Sites
- Tribal Headquarters (State & Federally Recognized)

ACTIVITY 2
Add new data/maps to the Portal.

The following maps/datasets were added in the January - June 2022 reporting period:
- Commercial Whale and Dolphin Watch Areas
- Marine mammal strandings by season, species and county
- US Wind project envelope
- Fish Time Series Sliders: 1980-2019 (for multiple groups, spring and fall)
- Potentially Vulnerable to EMF: Biomass, Species Richness, and Core Biomass
- AIS 2021 vessel transit counts and monthly sliders
- The BOEM Central Atlantic Call for Information and Nominations Area
- Port Access Route Study: Approaches to Maine, New Hampshire, and Massachusetts
- BOEM Sand Resources
- The Indigenous Nations, Communities & Cultures map collection (includes five new maps)
- Port Access Route Study Final Recommendations: Northern New York Bight
- BOEM NY Bight Final Sale Notice Areas
- Ferry routes and terminals

ACTIVITY 3
Add new or update existing tools to ensure the Portal is user friendly and best accommodates users' work needs.

The following tool and site enhancements were made in the January - June 2022 reporting period:

- Continued development and tests on expanded ArcRest Input Tool, to allow users to ingest additional types of map data.
- Improved styling control of FeatureService layers.
- Improved 'selection/reporting' logic for vector and FeatureService layers.
- Improved Django Admin forms for layers, particularly supporting reporting and styling options (including color pickers).
- Ability to 'proxy' layers to allow displaying layers from servers that don't explicitly support 'CORS' functionality.
- Numerous small bug fixes.

ACTIVITY 4

Conduct public outreach, demonstrations and trainings to build awareness of the Portal and its features.

The following outreach was conducted during the January - June 2022 reporting period:
- Tutorial for Monmouth University coastal zone management class
- Online presentation to BOEM Central Atlantic Intergovernmental Renewable Energy Task Force
- MACO Forum ocean ecosystems and port access/maritime navigation panels
- Portal table at New Jersey Sea Grant Consortium's Ocean Fun Day in Sandy Hook
- Demo for NMFS GAR Marine Mammal Response Network
- June 7 "How Tuesday" Intro to the Portal webinar
- Presentation to the North Atlantic Ports Association
- Portal presentation at U.N. Ocean Conference in Lisbon, Portugal