

OMDT Progress Report: January-June 2020

ACTIVITY 1

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

The following maps were updated to reflect the latest data in the June 2020 reporting period:

- Submarine Canyons
- Pilot Boarding Areas
- National Park Service Boundaries
- BOEM Active Renewable Energy Lease Areas

ACTIVITY 2

Add new data/maps to the Portal.

The following is a sample of the data/maps added through the June 2020 reporting period:

- USCG Proposed Delaware Bay Anchorages
- USCG Proposed Lower Chesapeake Bay Anchorages
- USCG Chesapeake Bay Port Access Route Study (PARS) Area
- Electric Transmission Lines: Voltage
- Electric Transmission Lines: Max Voltage
- Bird Seasonal Migration and Utilization Distribution (9 seasonal maps)
- Tagged Loggerhead Sea Turtle Density Monthly Slider (12 maps)
- MARACOOS HF Radar Seasonal Surface Currents
- USCG North Carolina Seacoast PARS
- Pilot Boarding Stations
- Undersea Feature Place Names
- USCG New Jersey Seacoast/Delaware Bay Approaches PARS
- USCG Proposed Cape Fear Approaches Anchorages
- Monitor Marine Sanctuary
- Mallow Bay/Potomac River Marine Sanctuary
- Carl Schuster Horseshoe Crab Reserve
- US Congressional Districts
- 2018 and 2019 AIS Vessel Transit Count data, including annual maps by vessel type and monthly sliders (200+ maps total)
- USCG Proposed Fairways
- USCG Atlantic Coast Port Access Route Study Areas (consolidated map of all PARS, including new Northern NY Bight PARS)
- "Ocean Stories" feature on MARCO-funded deep-sea canyons research

ACTIVITY 3

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

The following is a sample of the updates made to the Portal's tools in the June 2020 reporting period:

- Bookmarks tool upgraded to save layers generated by external queries (e.g. Marine Life Library species layers, Communities at Sea ports) and ArcREST Services Input Tool
- Added grey basemap to Marine Planner and replaced streets, satellite and physical basemaps with new Esri versions
- Upgrades to slider/animations tool coding to improve speed and performance

ACTIVITY 4

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

The following is a sample of the public outreach conducted during the June 2020 reporting period:

- January 10: Joint Northeast-Mid-Atlantic Portals webinar on diving bird map products
- January 17: Information exchange webinar with Canadian portal developers (COIN Atlantic)
- January 30: Presentation to NOAA NOS Assistant Administrator Nicole LeBouef and Coastal Zone Management class at Monmouth University
- February 20: MARCO/MACAN presentation at Ocean Sciences Meeting 2020, San Diego, CA
- February 22: Jersey Shore Surfcasters 2020 Surf Day, Brookdale Community College
- March 11: Online training for Equinor/Empire Wind staff
- March 12: COIN Atlantic Data Sharing for an Atlantic Canada Marine Bioregional Atlas workshop
- April 14: How Tuesday webinar focused on data developed in partnership with MARACOOS
- April 22: Earth Day webinar on shifting fish species data
- June 5: Fisheries data on portals webinar for commercial fishing stakeholders with NROC, MARCO, RODA and MAFMC
- June 10: Tutorial demo for team at Industrial Economics (IEc), working with state of Delaware to estimate the economic impacts of potential oil spills in Mid-Atlantic
- June 16: How Tuesday webinar with USCG on NJ Seacoast/Delaware Bay PARS