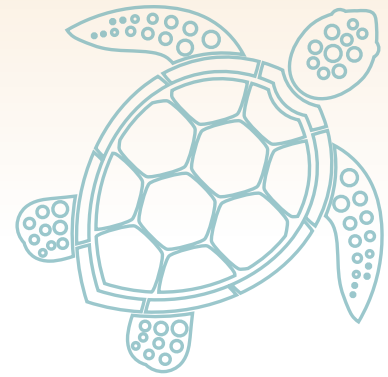# TOP 10 THINGS TO KNOW ABOUT
MARINECADASTRE.GOV

Cables, shipping channels, wind farms, oil and gas leasing. Whales, marine protected areas, sand mining. The ocean is much busier than most people realize. MarineCadastre.gov is a powerful resource, providing the information people need to make sound decisions.

1. **How it is used.** Project siting. Permitting. Project planning. Outreach. Impact assessments. With data from numerous sources, MarineCadastre.gov provides direct access to the best available ocean data.

2. **Users.** All professions with an interest in the ocean space, including wind energy, aquaculture, state and federal regulatory agencies, non governmental organizations, and regional ocean partnerships.

3. **Mission support.** This system bolsters the blue economy by promoting the wise use of natural resources and providing businesses with the data and information they need. Using the same data allows businesses, government, and nonprofits to work together more seamlessly. It also supports the White House Digital Government Strategy and Open Data Policy to make data available to the largest possible number of users on a wide variety of platforms.

4. **Duplication of effort—NOT.** MarineCadastre.gov reduces redundancy, decreases data acquisition costs, and promotes interoperability. Data are shared in real time with partners, including regional ocean data portals and other data sharing platforms, such as the National Geoplatform and ArcGIS Online.

5. **Data types.** A wide variety are included. Most popular are jurisdictional boundaries, vessel traffic patterns, and marine habitat and energy infrastructure locations. The data cover the U.S. coast and ocean as far out as 200 nautical miles (to the country's exclusive economic zone, or EEZ, boundary).

6. **It's a partnership project.** While data come from many sources, the site is managed and maintained by the National Oceanic and Atmospheric Administration (NOAA) and the Bureau of Ocean Energy Management (BOEM). The effort began in 2007.

7. **The name is obscure but appropriate.** A "cadastre" is a property record and contains information at the parcel level about legal boundaries, usage, rights, and restrictions. This information forms the foundation of this system, though it has evolved to include much more.

8. **More than data.** The "more" refers to the additional resources found in MarineCadastre. gov. These resources include how-to guides and technical support, user stories, environmental studies, and the ability to create custom maps.

9. **Quickly get the big picture.** The OceanReports tool helps industry find optimal sites and increase permitting efficiency. Users can draw their area of interest and get a quick and comprehensive-report.

10. **Newest tool: AccessAIS.** This tool provides custom access to the last six years of MarineCadastre.gov Automatic Information System (AIS) data. Users draw a box in any area of the U.S. EEZ, determine the time window, and receive the data they need.

Long-Term Goals

- To encourage all businesses and permitting organizations to rely on authoritative spatial data, such as the data provided by MarineCadastre.gov, for decision-making.

- To reduce costs for consumers by providing data to as wide an audience as possible, and by providing the various data formats that user groups need.

MARINECADASTRE.GOV IN ACTION

Making Data Easier to Use

The U.S. Coast Guard's ocean vessel traffic data represents one of the most popular data sets, but it is large and cumbersome to use. MarineCadastre.gov reformats the raw data to address this issue, saving users time and effort. AccessAIS, an innovative tool found on the MarineCadastre.gov platform, provides custom "clip and ship" access to over 25 billion vessel locations spanning a decade. The tool allows users to draw their own areas of interest and quickly download targeted vessel traffic data or access bulk data for larger areas.

Supporting Offshore Renewable Energy Siting

Estimates say there is enough offshore wind energy potential to provide four times more power than the country currently uses. MarineCadastre.gov provides foundational ocean GIS data to regional portals, state portals, and regulatory agencies for use in wind energy siting and other ocean activities. Most recently, MarineCadastre.gov has been collaborating with BOEM and NOAA modelers to develop the data needed to support spatial modeling efforts for wind energy development. This collaborative effort has helped to identify call areas in the Gulf of Mexico for potential wind projects.

Saving Time. Saving Money. Expanding Use.

Many regions have their own data portals, and most use MarineCadastre.gov to get at least some of their data. These regional systems can ingest data directly into their portals, and are therefore able to serve the most updated data available to their audience. This process saves the regional teams time and money, since they are not searching for or creating the data themselves.

MarineCadastre.gov
Bureau of Ocean Energy Management
National Oceanic and Atmospheric Administration