

Office of Coast Survey *The nation's nautical chartmaker*

Who we are

U.S. Department
of Commerce

National Oceanic and
Atmospheric
Administration

National
Ocean Service

Office of
Coast Survey

What we do

Coast Survey maintains the nation's nautical charts and publications for U.S. coasts and the Great Lakes. We create and maintain over a thousand charts covering 95,000 miles of shoreline and 3.4 million square nautical miles of water. We support the 1.3 billion metric tons of cargo valued at \$1.8 trillion that comes in and out of U.S. ports every year.

Our products



Data collection - Conduct hydrographic surveys to collect depth measurements for nautical charts.



Product development - Create nautical charts and other products for safe and efficient navigation.



Product distribution - Distribute nautical charts in multiple formats, capitalizing on digital formats.

Our services



Navigation response - Conduct routine and emergency hydrographic surveys.



Regional support - Navigation managers strategically located in U.S. coastal areas to assist with navigational challenges.



Model development - Develop models for storm surge and hurricane prediction with real-time data feeds.



Technology research - Develop and test new technologies to improve mapping efficiencies.

Our customers and stakeholders

- Professional mariners representing regulated deep draft vessels.
- Department of Defense including U.S. Navy, U.S. Coast Guard, and other government agencies
- Port authorities and pilots
- Recreational boaters
- Manufacturers of navigational systems for commercial vessels and recreational boaters
- Software and application developers
- State and local government agencies
- Coastal planners who use nautical data and geographic information Systems (GIS)

Our public/private partnerships

- **Chart production, printing, and distribution**
Coast Survey establishes certification requirements for private industry companies who want to distribute paper charts.
- **Contract surveys**
Coast Survey uses hydrographic contract companies to collect bathymetric data used in nautical charting products.
- **Multiple data formats for ease of use**
Coast Survey provides data freely to be ingested into navigation systems and mobile applications.

A bit of history... President Thomas Jefferson created the U.S. Coast Survey in 1807 to provide nautical charts to help the Nation with safe shipping, national defense, and maritime boundaries. Over two centuries later, Coast Survey—now an office within NOAA in the DOC—continues to provide the navigation products and services that ensure safe and efficient maritime commerce.

nauticalcharts.noaa.gov



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