

the Committee shall transmit to the Committees on Commerce, Science, and Transportation and Energy and Natural Resources of the Senate and the Committee on Natural Resources of the House of Representatives a report detailing progress made in implementing this chapter, including—

- (1) an inventory of ocean and coastal mapping data within the territorial sea and the exclusive economic zone and throughout the Continental Shelf of the United States, noting the age and source of the survey and the spatial resolution (metadata) of the data;
- (2) identification of priority areas in need of survey coverage using present technologies;
- (3) a resource plan that identifies when priority areas in need of modern ocean and coastal mapping surveys can be accomplished;
- (4) the status of efforts to produce integrated digital maps of ocean and coastal areas;
- (5) a description of any products resulting from coordinated mapping efforts under this chapter that improve public understanding of the coasts and oceans, or regulatory decision-making;
- (6) documentation of minimum and desired standards for data acquisition and integrated metadata;
- (7) a statement of the status of Federal efforts to leverage mapping technologies, coordinate mapping activities, share expertise, and exchange data;
- (8) a statement of resource requirements for organizations to meet the goals of the program, including technology needs for data acquisition, processing, and distribution systems;
- (9) a statement of the status of efforts to declassify data gathered by the Navy, the National Geospatial-Intelligence Agency, and other agencies to the extent possible without jeopardizing national security, and make it available to partner agencies and the public;
- (10) a resource plan for a digital coast integrated mapping pilot project for the northern Gulf of Mexico that will—
 - (A) cover the area from the authorized coastal counties through the territorial sea;
 - (B) identify how such a pilot project will leverage public and private mapping data and resources, such as the United States Geological Survey National Map, to result in an operational coastal change assessment program for the subregion;
- (11) the status of efforts to coordinate Federal programs with coastal state and local government programs and leverage those programs;
- (12) a description of efforts of Federal agencies to increase contracting with nongovernmental entities; and
- (13) an inventory and description of any new Federal or federally funded programs conducting shoreline delineation and ocean or coastal mapping since the previous reporting cycle.

(Pub. L. 111–11, title XII, §12204, Mar. 30, 2009, 123 Stat. 1423.)

§ 3504. Plan

(a) In general

Not later than 6 months after March 30, 2009, the Administrator, in consultation with the Committee, shall develop and submit to the Congress a plan for an integrated ocean and coastal mapping initiative within the National Oceanic and Atmospheric Administration.

(b) Plan requirements

The plan shall—

- (1) identify and describe all ocean and coastal mapping programs within the agency, including those that conduct mapping or related activities in the course of existing missions, such as hydrographic surveys, ocean exploration projects, living marine resource conservation and management programs, coastal zone management projects, and ocean and coastal observations and science projects;
- (2) establish priority mapping programs and establish and periodically update priorities for geographic areas in surveying and mapping across all missions of the National Oceanic and Atmospheric Administration, as well as minimum data acquisition and metadata standards for those programs;
- (3) encourage the development of innovative ocean and coastal mapping technologies and applications, through research and development through cooperative or other agreements with joint or cooperative research institutes or centers and with other non-governmental entities;
- (4) document available and developing technologies, best practices in data processing and distribution, and leveraging opportunities with other Federal agencies, coastal states, and non-governmental entities;
- (5) identify training, technology, and other resource requirements for enabling the National Oceanic and Atmospheric Administration's programs, vessels, and aircraft to support a coordinated ocean and coastal mapping program;
- (6) identify a centralized mechanism or office for coordinating data collection, processing, archiving, and dissemination activities of all such mapping programs within the National Oceanic and Atmospheric Administration that meets Federal mandates for data accuracy and accessibility and designate a repository that is responsible for archiving and managing the distribution of all ocean and coastal mapping data to simplify the provision of services to benefit Federal and coastal state programs; and
- (7) set forth a timetable for implementation and completion of the plan, including a schedule for submission to the Congress of periodic progress reports and recommendations for integrating approaches developed under the initiative into the interagency program.

(c) NOAA joint ocean and coastal mapping centers

The Administrator may maintain and operate up to 3 joint ocean and coastal mapping centers, including a joint hydrographic center, which shall each be co-located with an institution of higher education. The centers shall serve as hy-

drographic centers of excellence and may conduct activities necessary to carry out the purposes of this chapter, including—

- (1) research and development of innovative ocean and coastal mapping technologies, equipment, and data products;
- (2) mapping of the United States Outer Continental Shelf and other regions;
- (3) data processing for nontraditional data and uses;
- (4) advancing the use of remote sensing technologies, for related issues, including mapping and assessment of essential fish habitat and of coral resources, ocean observations, and ocean exploration; and
- (5) providing graduate education and training in ocean and coastal mapping sciences for members of the National Oceanic and Atmospheric Administration Commissioned Officer Corps, personnel of other agencies with ocean and coastal mapping programs, and civilian personnel.

(d) NOAA report

The Administrator shall continue developing a strategy for expanding contracting with nongovernmental entities to minimize duplication and take maximum advantage of nongovernmental capabilities in fulfilling the Administration's mapping and charting responsibilities. Within 120 days after March 30, 2009, the Administrator shall transmit a report describing the strategy developed under this subsection to the Committee on Commerce, Science, and Transportation of the Senate and the Committee on Natural Resources of the House of Representatives.

(Pub. L. 111-11, title XII, § 12205, Mar. 30, 2009, 123 Stat. 1424.)

§ 3505. Effect on other laws

Nothing in this chapter shall be construed to supersede or alter the existing authorities of any Federal agency with respect to ocean and coastal mapping.

(Pub. L. 111-11, title XII, § 12206, Mar. 30, 2009, 123 Stat. 1426.)

§ 3506. Authorization of appropriations

(a) In general

In addition to the amounts authorized by section 892d of this title, there are authorized to be appropriated to the Administrator to carry out this chapter—

- (1) \$26,000,000 for fiscal year 2009;
- (2) \$32,000,000 for fiscal year 2010;
- (3) \$38,000,000 for fiscal year 2011; and
- (4) \$45,000,000 for each of fiscal years 2012 through 2015.

(b) Joint ocean and coastal mapping centers

Of the amounts appropriated pursuant to subsection (a), the following amounts shall be used to carry out section 3504(c) of this title:

- (1) \$11,000,000 for fiscal year 2009.
- (2) \$12,000,000 for fiscal year 2010.
- (3) \$13,000,000 for fiscal year 2011.
- (4) \$15,000,000 for each of fiscal years 2012 through 2015.

(c) Cooperative agreements

To carry out interagency activities under section 3502 of this title, the head of any depart-

ment or agency may execute a cooperative agreement with the Administrator, including those authorized by section 883e of this title.

(Pub. L. 111-11, title XII, § 12207, Mar. 30, 2009, 123 Stat. 1426.)

§ 3507. Definitions

In this chapter:

(1) Administrator

The term “Administrator”¹ means the Administrator of the National Oceanic and Atmospheric Administration.

(2) Coastal state

The term “coastal state” has the meaning given that term by section 1453(4) of title 16.

(3) Committee

The term “Committee” means the Interagency Ocean and Coastal Mapping Committee established by section 3502 of this title.

(4) Exclusive economic zone

The term “exclusive economic zone” means the exclusive economic zone of the United States established by Presidential Proclamation No. 5030, of March 10, 1983.

(5) Ocean and coastal mapping

The term “ocean and coastal mapping” means the acquisition, processing, and management of physical, biological, geological, chemical, and archaeological characteristics and boundaries of ocean and coastal areas, resources, and sea beds through the use of acoustics, satellites, aerial photogrammetry, light and imaging, direct sampling, and other mapping technologies.

(6) Territorial sea

The term “territorial sea” means the belt of sea measured from the baseline of the United States determined in accordance with international law, as set forth in Presidential Proclamation Number 5928, dated December 27, 1988.

(7) Nongovernmental entities

The term “nongovernmental entities” includes nongovernmental organizations, members of the academic community, and private sector organizations that provide products and services associated with measuring, locating, and preparing maps, charts, surveys, aerial photographs, satellite images,² or other graphical or digital presentations depicting natural or manmade physical features, phenomena, and legal boundaries of the Earth.

(8) Outer Continental Shelf

The term “Outer Continental Shelf” means all submerged lands lying seaward and outside of lands beneath navigable waters (as that term is defined in section 1301 of title 43), and of which the subsoil and seabed appertain to the United States and are subject to its jurisdiction and control.

(Pub. L. 111-11, title XII, § 12208, Mar. 30, 2009, 123 Stat. 1426.)

¹ So in original. Closing single quotation mark probably should not appear.

² So in original. Probably should be “images.”