

**Calendar No. 793**108TH CONGRESS  
2D SESSION**S. 2489****[Report No. 108-402]**

To establish a program within the National Oceanic and Atmospheric Administration to integrate Federal coastal and ocean mapping activities.

---

## IN THE SENATE OF THE UNITED STATES

JUNE 2, 2004

Mr. INOUE (for himself, Mr. STEVENS, Mr. HOLLINGS, Mr. GREGG, Ms. SNOWE, Mr. LOTT, Mr. BREAUX, Mr. LAUTENBERG, and Mr. AKAKA) introduced the following bill; which was read twice and referred to the Committee on Commerce, Science, and Transportation

OCTOBER 11, 2004

Reported by Mr. MCCAIN, with an amendment in the nature of a substitute  
[Strike out all after the enacting clause and insert the part printed in *italic*]

---

**A BILL**

To establish a program within the National Oceanic and Atmospheric Administration to integrate Federal coastal and ocean mapping activities.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

1 **SECTION 1. SHORT TITLE.**

2 This Act may be cited as the “Coastal and Ocean  
3 Mapping Integration Act”.

4 **SEC. 2. INTEGRATED COASTAL AND OCEAN MAPPING PRO-**  
5 **GRAM.**

6 (a) **IN GENERAL.**—The Administrator of the Na-  
7 tional Oceanic and Atmospheric Administration shall es-  
8 tablish a program to develop, in coordination with the  
9 Interagency Committee on Coastal and Ocean Mapping,  
10 a coordinated and comprehensive Federal ocean and coast-  
11 al mapping program for the Great Lakes and Coastal  
12 State waters, the territorial sea, the exclusive economic  
13 zone, and the continental shelf of the United States that  
14 enhances conservation and management of marine re-  
15 sources, improves decision-making regarding research pri-  
16 orities and the siting of research and other platforms, and  
17 advances coastal and ocean science.

18 (b) **PROGRAM PARAMETERS.**—In developing such a  
19 program, the Administrator shall work with the Com-  
20 mittee to—

21 (1) identify all Federal programs conducting  
22 shoreline delineation and coastal or ocean mapping;  
23 noting geographic coverage, frequency, spatial cov-  
24 erage, resolution, and subject matter focus of the  
25 data and location of data archives;

1           (2) promote cost-effective, cooperative mapping  
2 efforts among all Federal coastal and ocean mapping  
3 agencies by increasing data sharing, developing data  
4 acquisition and metadata standards, and facilitating  
5 the interoperability of in situ data collection systems,  
6 data processing, archiving, and distribution of data  
7 products;

8           (3) facilitate the adaptation of existing tech-  
9 nologies as well as foster expertise in new coastal  
10 and ocean mapping technologies by engaging in co-  
11 operative training programs and leveraging agency  
12 expertise, non-governmental organizations, and pri-  
13 vate sector resources to efficiently meet Federal  
14 mapping mandates;

15           (4) develop standards and protocols for testing  
16 innovative experimental mapping technologies and  
17 transferring new technologies to the private sector;

18           (5) centrally archive, manage, and distribute  
19 data sets as well as provide mapping products and  
20 services to the general public in service of statutory  
21 requirements; and

22           (6) develop specific data presentation methods  
23 for use by Federal, State, and other entities that  
24 document locations of federally permitted activities,  
25 submerged cultural resources, undersea cables, off-

1 shore aquaculture projects, and any areas designated  
2 for the purposes of environmental protection or con-  
3 servation and management of living marine re-  
4 sources.

5 **SEC. 3. INTERAGENCY COMMITTEE ON COASTAL AND**  
6 **OCEAN MAPPING.**

7 (a) **ESTABLISHMENT.**—There is hereby established  
8 an Interagency Committee on Coastal and Ocean Map-  
9 ping.

10 (b) **MEMBERSHIP.**—The Committee shall be com-  
11 prised of senior representatives from Federal agencies  
12 with ocean and coastal mapping and surveying responsibil-  
13 ities. The representatives shall be high-ranking officials of  
14 their respective agencies or departments and, whenever  
15 possible, the head of the portion of the agency or depart-  
16 ment that is most relevant to the purposes of this Act.  
17 Membership shall include senior representatives from the  
18 National Oceanic and Atmospheric Administration, the  
19 Chief of Naval Operations, the United States Geological  
20 Survey, Minerals Management Service, National Science  
21 Foundation, National Geospatial-Intelligence Agency,  
22 United States Army Corps of Engineers, United States  
23 Coast Guard, Environmental Protection Agency, Federal  
24 Emergency Management Agency and National Aero-

1 nautics and Space Administration, and other appropriate  
2 Federal agencies involved in ocean and coastal mapping.

3 (c) CHAIRMAN.—The Committee shall be chaired by  
4 the representative from the National Oceanic and Atmos-  
5 pheric Administration. The chairman may create sub-  
6 committees chaired by any member agency of the com-  
7 mittee. Working groups may be formed by the full Com-  
8 mittee to address issues of short duration.

9 (d) MEETINGS.—The Committee shall meet on a  
10 quarterly basis, but subcommittee or working group meet-  
11 ings shall meet on an as-needed basis.

12 (e) COORDINATION.—The committee should coordi-  
13 nate activities, when appropriate, with other Federal ef-  
14 forts, including the Digital Coast, Geospatial One-Stop,  
15 and the Federal Geographic Data Committee.

16 **SEC. 4. NOAA INTEGRATED MAPPING INITIATIVE.**

17 (a) IN GENERAL.—Not later than 6 months after the  
18 date of enactment of this Act, the Administrator, in con-  
19 sultation with the Committee, shall develop and submit to  
20 the Congress a plan for an integrated coastal and ocean  
21 mapping initiative within the National Oceanic and At-  
22 mospheric Administration.

23 (b) PLAN REQUIREMENTS.—The plan shall—

24 (1) identify and describe all coastal and ocean  
25 mapping programs within the agency, including

1 those that conduct mapping or related activities in  
2 the course of existing missions, such as hydrographic  
3 surveys, ocean exploration projects, living marine re-  
4 source conservation and management programs,  
5 coastal zone management projects, and coastal and  
6 ocean science projects;

7 (2) establish geographic priorities and minimum  
8 data acquisition and metadata standards for those  
9 programs;

10 (3) encourage the development of innovative  
11 coastal and ocean mapping technologies and applica-  
12 tions through research and development cooperative  
13 agreements at joint institutes;

14 (4) document available and developing tech-  
15 nologies, best practices in data processing and dis-  
16 tribution, and leveraging opportunities with other  
17 Federal agencies, non-governmental organizations,  
18 and the private sector;

19 (5) identify training, technology, and other re-  
20 source requirements for enabling the National Oee-  
21 anie and Atmospheric Administration's programs,  
22 ships, and aircraft to support a coordinated coastal  
23 and ocean mapping program;

24 (6) identify a centralized mechanism for coordi-  
25 nating data collection, processing, archiving, and dis-

1       semination activities of all such mapping programs  
2       within the National Oceanic and Atmospheric Ad-  
3       ministration, including—

4               (A) designating primary data processing  
5               centers to maximize efficiency in information  
6               technology investment; develop consistency in  
7               data processing; and meet Federal mandates  
8               for data accessibility; and

9               (B) designating a repository that is re-  
10              sponsible for archiving and managing the dis-  
11              tribution of all coastal and ocean mapping data  
12              to simplify the provision of services to benefit  
13              Federal and State programs; and

14             (7) set forth a timetable for implementation  
15             and completion of the plan, including a schedule for  
16             periodic Congressional progress reports; and rec-  
17             ommendations for integrating approaches developed  
18             under the initiative into the interagency program.

19       (c) NOAA JOINT HYDROGRAPHIC CENTERS.—The  
20       Secretary is authorized to maintain and operate up to 3  
21       joint hydrographic centers, which shall be co-located with  
22       an institution of higher education. The centers shall serve  
23       as hydrographic centers of excellence and are authorized  
24       to conduct activities necessary to carry out the purposes  
25       of this Act, including—

1           (1) research and development of innovative  
2           coastal and ocean mapping technologies, equipment,  
3           and data products;

4           (2) mapping of the United States outer conti-  
5           nental shelf;

6           (3) data processing for non-traditional data and  
7           uses;

8           (4) advancing the use of remote sensing tech-  
9           nologies, for related issues, including mapping and  
10          assessment of essential fish habitat and of coral re-  
11          sources, ocean observations and ocean exploration;  
12          and

13          (5) providing graduate education in hydro-  
14          graphic sciences for National Oceanic and Atmos-  
15          pheric Administration Commissioned Officer Corps  
16          and civilian personnel.

17 **SEC. 5. INTERAGENCY PROGRAM REPORTING.**

18          No later than 18 months after the date of enactment  
19          of this Act, and bi-annually thereafter, the Chairman of  
20          the Committee shall transmit to the Senate Committee on  
21          Commerce, Science, and Transportation and the House of  
22          Representatives Committee on Resources a report detail-  
23          ing progress made in implementing the provisions of this  
24          Act, including—

1           (1) an inventory of data within the territorial  
2 seas and the exclusive economic zone and throughout  
3 the continental shelf of the United States, noting the  
4 age and source of the survey and the spatial resolu-  
5 tion (metadata) of the data;

6           (2) identification of priority areas in need of  
7 survey coverage using present technologies;

8           (3) a resource plan that identifies when priority  
9 areas in need of modern coastal and ocean mapping  
10 surveys can be accomplished;

11           (4) the status of efforts to produce integrated  
12 digital maps of coastal and ocean areas;

13           (5) a description of any products resulting from  
14 coordinated mapping efforts under this Act that im-  
15 prove public understanding of the coasts, oceans, or  
16 regulatory decision-making;

17           (6) documentation of minimum and desired  
18 standards for data acquisition and integrated  
19 metadata;

20           (7) a statement of the status of Federal efforts  
21 to leverage mapping technologies, coordinate map-  
22 ping activities, share expertise, and exchange data;

23           (8) a statement of resource requirements for or-  
24 ganizations to meet the goals of the program, includ-

1 ing technology needs for data acquisition, processing  
2 and distribution systems;

3 ~~(9)~~ a statement of the status of efforts to de-  
4 classify data gathered by the Navy, the National  
5 Geospatial-Intelligence Agency and other agencies to  
6 the extent possible without jeopardizing national se-  
7 curity, and make it available to partner agencies and  
8 the public; and

9 ~~(10)~~ a resource plan for a digital coast inte-  
10 grated mapping pilot project for the northern Gulf  
11 of Mexico that will—

12 ~~(A)~~ cover the area from the authorized  
13 coastal counties through the territorial sea; and

14 ~~(B)~~ identify how such a pilot project will  
15 leverage public and private mapping data and  
16 resources, such as the United States Geological  
17 Survey National Map, to result in an oper-  
18 ational coastal change assessment program for  
19 the subregion.

20 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

21 ~~(a) IN GENERAL.~~—In addition to the amounts au-  
22 thorized by section 306 of the Hydrographic Services Im-  
23 provement Act of 1998 (~~33~~ U.S.C. 892d), there are au-  
24 thorized to be appropriated to the Administrator to carry  
25 out this Act—

- 1           (1) \$20,000,000 for fiscal year 2005;  
 2           (2) \$26,000,000 for fiscal year 2006;  
 3           (3) \$32,000,000 for fiscal year 2007;  
 4           (4) \$38,000,000 for fiscal year 2008; and  
 5           (5) \$45,000,000 for each of fiscal years 2009  
 6 through 2012.

7           (b) JOINT HYDROGRAPHIC CENTERS.—Of the  
 8 amounts appropriated pursuant to subsection (a), the fol-  
 9 lowing amounts shall be used to carry out section 4(c) of  
 10 this Act:

- 11           (1) \$10,000,000 for fiscal year 2005.  
 12           (2) \$11,000,000 for fiscal year 2006.  
 13           (3) \$12,000,000 for fiscal year 2006.  
 14           (4) \$13,000,000 for fiscal year 2006.  
 15           (5) \$15,000,000 for each of fiscal years 2009  
 16 through 2012.

17 **SEC. 7. DEFINITIONS.**

18 In this Act:

19           (1) ADMINISTRATOR.—The term “Adminis-  
 20 trator” means the Administrator of the National  
 21 Oceanic and Atmospheric Administration.

22           (2) COMMITTEE.—The term “Committee”  
 23 means the Interagency Ocean Mapping Committee  
 24 established by section 3.

1           (3) **EXCLUSIVE ECONOMIC ZONE.**—The term  
2           “exclusive economic zone” means the exclusive eco-  
3           nomic zone of the United States established by Pres-  
4           idential Proclamation No. 5030, of March 10, 1983.

5           (4) **OCEAN AND COASTAL MAPPING.**—The term  
6           “ocean and coastal mapping” means the collection of  
7           physical, biological, geological, chemical, and archae-  
8           ological characteristics of ocean and coastal sea beds  
9           through the use of acoustics, satellites, aerial photo-  
10          grammetry, light and imaging, and direct sampling.

11          (5) **TERRITORIAL SEA.**—The term “territorial  
12          sea” means the belt of sea measured from the base-  
13          line of the United States determined in accordance  
14          with international law, as set forth in Presidential  
15          Proclamation Number 5928, dated December 27,  
16          1988.

17 **SECTION 1. SHORT TITLE.**

18           *This Act may be cited as the “Ocean and Coastal Map-*  
19 *ping Integration Act”.*

20 **SEC. 2. INTEGRATED OCEAN AND COASTAL MAPPING PRO-**  
21 **GRAM.**

22           (a) *IN GENERAL.*—*The Administrator of the National*  
23 *Oceanic and Atmospheric Administration shall establish a*  
24 *program to develop, in coordination with the Interagency*  
25 *Committee on Ocean and Coastal Mapping, a coordinated*

1 *and comprehensive Federal ocean and coastal mapping*  
2 *plan for the Great Lakes and Coastal State waters, the ter-*  
3 *ritorial sea, the exclusive economic zone, and the conti-*  
4 *ental shelf of the United States that enhances ecosystem*  
5 *approaches in decision-making for conservation and man-*  
6 *agement of marine resources and habitats, establishes re-*  
7 *search priorities, supports the siting of research and other*  
8 *platforms, and advances ocean and coastal science.*

9 (b) *PROGRAM PARAMETERS.—In developing such a*  
10 *program, the Administrator shall work with the Committee*  
11 *to—*

12 (1) *identify all Federal and federally-funded pro-*  
13 *grams conducting shoreline delineation and ocean or*  
14 *coastal mapping, noting geographic coverage, fre-*  
15 *quency, spatial coverage, resolution, and subject mat-*  
16 *ter focus of the data and location of data archives;*

17 (2) *promote cost-effective, cooperative mapping*  
18 *efforts among all Federal agencies conducting ocean*  
19 *and coastal mapping agencies by increasing data*  
20 *sharing, developing data acquisition and metadata*  
21 *standards, and facilitating the interoperability of in*  
22 *situ data collection systems, data processing,*  
23 *archiving, and distribution of data products;*

24 (3) *facilitate the adaptation of existing tech-*  
25 *nologies as well as foster expertise in new ocean and*

1 *coastal mapping technologies, including through re-*  
2 *search, development, and training conducted in co-*  
3 *operation with the private sector, academia, and*  
4 *other non-Federal entities;*

5 *(4) develop standards and protocols for testing*  
6 *innovative experimental mapping technologies and*  
7 *transferring new technologies between the Federal gov-*  
8 *ernment and the private sector or academia;*

9 *(5) centrally archive, manage, and distribute*  
10 *data sets as well as provide mapping products and*  
11 *services to the general public in service of statutory*  
12 *requirements;*

13 *(6) develop specific data presentation standards*  
14 *for use by Federal, State, and other entities that doc-*  
15 *ument locations of federally permitted activities, liv-*  
16 *ing and nonliving resources, marine ecosystems, sen-*  
17 *sitive habitats, submerged cultural resources, undersea*  
18 *cables, offshore aquaculture projects, and any areas*  
19 *designated for the purposes of environmental protec-*  
20 *tion or conservation and management of living ma-*  
21 *rine resources; and*

22 *(7) identify the procedures to be used for coordi-*  
23 *nating Federal data with State and local government*  
24 *programs.*

1 **SEC. 3. INTERAGENCY COMMITTEE ON OCEAN AND COAST-**  
2 **AL MAPPING.**

3 (a) *ESTABLISHMENT.*—*There is hereby established an*  
4 *Interagency Committee on Ocean and Coastal Mapping.*

5 (b) *MEMBERSHIP.*—*The Committee shall be comprised*  
6 *of senior representatives from Federal agencies with ocean*  
7 *and coastal mapping and surveying responsibilities. The*  
8 *representatives shall be high-ranking officials of their re-*  
9 *spective agencies or departments and, whenever possible, the*  
10 *head of the portion of the agency or department that is most*  
11 *relevant to the purposes of this Act. Membership shall in-*  
12 *clude senior representatives from the National Oceanic and*  
13 *Atmospheric Administration, the Chief of Naval Oper-*  
14 *ations, the United States Geological Survey, Minerals Man-*  
15 *agement Service, National Science Foundation, National*  
16 *Geospatial-Intelligence Agency, United States Army Corps*  
17 *of Engineers, United States Coast Guard, Environmental*  
18 *Protection Agency, Federal Emergency Management Agen-*  
19 *cy and National Aeronautics and Space Administration,*  
20 *and other appropriate Federal agencies involved in ocean*  
21 *and coastal mapping.*

22 (c) *CHAIRMAN.*—*The Committee shall be chaired by the*  
23 *representative from the National Oceanic and Atmospheric*  
24 *Administration. The chairman may create subcommittees*  
25 *chaired by any member agency of the committee. Working*

1 *groups may be formed by the full Committee to address*  
 2 *issues of short duration.*

3 (d) *MEETINGS.*—*The Committee shall meet on a quar-*  
 4 *terly basis, but subcommittee or working group meetings*  
 5 *shall meet on an as-needed basis.*

6 (e) *COORDINATION.*—*The committee should coordinate*  
 7 *activities, when appropriate, with—*

8 (1) *other Federal efforts, including the Digital*  
 9 *Coast, Geospatial One-Stop, and the Federal Geo-*  
 10 *graphic Data Committee;*

11 (2) *international mapping activities; and*

12 (3) *States and user groups through workshops*  
 13 *and other appropriate mechanisms.*

14 **SEC. 4. NOAA INTEGRATED MAPPING INITIATIVE.**

15 (a) *IN GENERAL.*—*Not later than 6 months after the*  
 16 *date of enactment of this Act, the Administrator, in con-*  
 17 *sultation with the Committee, shall develop and submit to*  
 18 *the Congress a plan for an integrated ocean and coastal*  
 19 *mapping initiative within the National Oceanic and At-*  
 20 *mospheric Administration.*

21 (b) *PLAN REQUIREMENTS.*—*The plan shall—*

22 (1) *identify and describe all ocean and coastal*  
 23 *mapping programs within the agency, including those*  
 24 *that conduct mapping or related activities in the*  
 25 *course of existing missions, such as hydrographic sur-*

1 *veys, ocean exploration projects, living marine re-*  
2 *source conservation and management programs,*  
3 *coastal zone management projects, and ocean and*  
4 *coastal science projects;*

5 *(2) establish priority mapping programs and es-*  
6 *tablish and periodically update priorities for geo-*  
7 *graphic areas in surveying and mapping, as well as*  
8 *minimum data acquisition and metadata standards*  
9 *for those programs;*

10 *(3) encourage the development of innovative*  
11 *ocean and coastal mapping technologies and applica-*  
12 *tions through research and development through coop-*  
13 *erative or other agreements at joint centers of excel-*  
14 *lence and with the private sector;*

15 *(4) document available and developing tech-*  
16 *nologies, best practices in data processing and dis-*  
17 *tribution, and leveraging opportunities with other*  
18 *Federal agencies, non-governmental organizations,*  
19 *and the private sector;*

20 *(5) identify training, technology, and other re-*  
21 *source requirements for enabling the National Oceanic*  
22 *and Atmospheric Administration's programs, ships,*  
23 *and aircraft to support a coordinated ocean and*  
24 *coastal mapping program;*

1           (6) *identify a centralized mechanism or office for*  
2 *coordinating data collection, processing, archiving,*  
3 *and dissemination activities of all such mapping pro-*  
4 *grams within the National Oceanic and Atmospheric*  
5 *Administration, including—*

6           (A) *designating primary data processing*  
7 *centers to maximize efficiency in information*  
8 *technology investment, develop consistency in*  
9 *data processing, and meet Federal mandates for*  
10 *data accessibility; and*

11           (B) *designating a repository that is respon-*  
12 *sible for archiving and managing the distribu-*  
13 *tion of all ocean and coastal mapping data to*  
14 *simplify the provision of services to benefit Fed-*  
15 *eral and State programs; and*

16           (6) *set forth a timetable for implementation and*  
17 *completion of the plan, including a schedule for peri-*  
18 *odic Congressional progress reports, and recommenda-*  
19 *tions for integrating approaches developed under the*  
20 *initiative into the interagency program.*

21           (c) *NOAA JOINT OCEAN AND COASTAL MAPPING CEN-*  
22 *TERS.—The Secretary is authorized to maintain and oper-*  
23 *ate up to 3 joint ocean and coastal mapping centers, includ-*  
24 *ing a joint hydrographic center, which shall be co-located*  
25 *with an institution of higher education. The centers shall*

1 *serve as hydrographic centers of excellence and are author-*  
2 *ized to conduct activities necessary to carry out the pur-*  
3 *poses of this Act, including—*

4           (1) *research and development of innovative ocean*  
5 *and coastal mapping technologies, equipment, and*  
6 *data products;*

7           (2) *mapping of the United States outer conti-*  
8 *ental shelf;*

9           (3) *data processing for non-traditional data and*  
10 *uses;*

11           (4) *advancing the use of remote sensing tech-*  
12 *nologies, for related issues, including mapping and*  
13 *assessment of essential fish habitat and of coral re-*  
14 *sources, ocean observations and ocean exploration;*  
15 *and*

16           (5) *providing graduate education in ocean and*  
17 *coastal mapping sciences for National Oceanic and*  
18 *Atmospheric Administration Commissioned Officer*  
19 *Corps, personnel of other agencies with ocean and*  
20 *coastal mapping programs, and civilian personnel.*

21 **SEC. 5. INTERAGENCY PROGRAM REPORTING.**

22           *No later than 18 months after the date of enactment*  
23 *of this Act, and bi-annually thereafter, the Chairman of the*  
24 *Committee shall transmit to the Senate Committee on Com-*  
25 *merce, Science, and Transportation and the House of Rep-*

1 *representatives Committee on Resources a report detailing*  
2 *progress made in implementing the provisions of this Act,*  
3 *including—*

4           (1) *an inventory of ocean and coastal mapping*  
5 *data, noting the metadata, within the territorial seas*  
6 *and the exclusive economic zone and throughout the*  
7 *continental shelf of the United States, noting the age*  
8 *and source of the survey and the spatial resolution*  
9 *(metadata) of the data;*

10           (2) *identification of priority areas in need of*  
11 *survey coverage using present technologies;*

12           (3) *a resource plan that identifies when priority*  
13 *areas in need of modern ocean and coastal mapping*  
14 *surveys can be accomplished;*

15           (4) *the status of efforts to produce integrated dig-*  
16 *ital maps of ocean and coastal areas;*

17           (5) *a description of any products resulting from*  
18 *coordinated mapping efforts under this Act that im-*  
19 *prove public understanding of the coasts, oceans, or*  
20 *regulatory decision-making;*

21           (6) *documentation of minimum and desired*  
22 *standards for data acquisition and integrated*  
23 *metadata;*

1           (7) a statement of the status of Federal efforts to  
2           leverage mapping technologies, coordinate mapping  
3           activities, share expertise, and exchange data;

4           (8) a statement of resource requirements for or-  
5           ganizations to meet the goals of the program, includ-  
6           ing technology needs for data acquisition, processing  
7           and distribution systems;

8           (9) a statement of the status of efforts to declas-  
9           sify data gathered by the Navy, the National  
10          Geospatial-Intelligence Agency and other agencies to  
11          the extent possible without jeopardizing national secu-  
12          rity, and make it available to partner agencies and  
13          the public; and

14          (10) a resource plan for a digital coast inte-  
15          grated mapping pilot project for the northern Gulf of  
16          Mexico that will—

17                (A) cover the area from the authorized  
18                coastal counties through the territorial sea;

19                (B) identify how such a pilot project will le-  
20                verage public and private mapping data and re-  
21                sources, such as the United States Geological  
22                Survey National Map, to result in an oper-  
23                ational coastal change assessment program for  
24                the subregion; and

1           (11) *the status of efforts to coordinate Federal*  
2           *programs with State and local government programs*  
3           *and leverage those programs.*

4 **SEC. 6. AUTHORIZATION OF APPROPRIATIONS.**

5           (a) *IN GENERAL.*—*In addition to the amounts author-*  
6           *ized by section 306 of the Hydrographic Services Improve-*  
7           *ment Act of 1998 (33 U.S.C. 892d), there are authorized*  
8           *to be appropriated to the Administrator to carry out this*  
9           *Act—*

10           (1) *\$20,000,000 for fiscal year 2005;*

11           (2) *\$26,000,000 for fiscal year 2006;*

12           (3) *\$32,000,000 for fiscal year 2007;*

13           (4) *\$38,000,000 for fiscal year 2008; and*

14           (5) *\$45,000,000 for each of fiscal years 2009*  
15           *through 2012.*

16           (b) *JOINT OCEAN AND COASTAL MAPPING CENTERS.*—  
17           *Of the amounts appropriated pursuant to subsection (a),*  
18           *the following amounts shall be used to carry out section 4(c)*  
19           *of this Act:*

20           (1) *\$10,000,000 for fiscal year 2005.*

21           (2) *\$11,000,000 for fiscal year 2006.*

22           (3) *\$12,000,000 for fiscal year 2007.*

23           (4) *\$13,000,000 for fiscal year 2008.*

24           (5) *\$15,000,000 for each of fiscal years 2009*  
25           *through 2012.*

1           (c) *INTERAGENCY COMMITTEE.*—*Notwithstanding any*  
2 *other provision of law, from amounts authorized to be ap-*  
3 *propriated for fiscal years 2005 through 2012 to the Depart-*  
4 *ment of Defense, the Department of the Interior, the Depart-*  
5 *ment of Homeland Security, the Environmental Protection*  
6 *Agency, and the National Aeronautics and Space Adminis-*  
7 *tration, the head of each such department or agency may*  
8 *make available not more than \$10,000,000 per fiscal year*  
9 *to carry out interagency activities under section 3 of this*  
10 *Act.*

11 **SEC. 7. DEFINITIONS.**

12           *In this Act:*

13           (1) *ADMINISTRATOR.*—*The term “Adminis-*  
14 *trator” means the Administrator of the National Oce-*  
15 *anic and Atmospheric Administration.*

16           (2) *COASTAL STATE.*—*The term “coastal state”*  
17 *has the meaning given that term by section 304(4) of*  
18 *the Coastal Zone Management Act of 1972 (16 U.S.C.*  
19 *1453(4)).*

20           (3) *COMMITTEE.*—*The term “Committee” means*  
21 *the Interagency Ocean Mapping Committee estab-*  
22 *lished by section 3.*

23           (4) *EXCLUSIVE ECONOMIC ZONE.*—*The term “ex-*  
24 *clusive economic zone” means the exclusive economic*

1        *zone of the United States established by Presidential*  
2        *Proclamation No. 5030, of March 10, 1983.*

3            (5) *OCEAN AND COASTAL MAPPING.*—*The term*  
4        *“ocean and coastal mapping” means the acquisition,*  
5        *processing, and management of physical, biological,*  
6        *geological, chemical, and archaeological characteris-*  
7        *tics and boundaries of ocean and coastal areas, re-*  
8        *sources, and sea beds through the use of acoustics, sat-*  
9        *ellites, aerial photogrammetry, light and imaging, di-*  
10       *rect sampling, and other mapping technologies.*

11           (6) *TERRITORIAL SEA.*—*The term “territorial*  
12       *sea” means the belt of sea measured from the baseline*  
13       *of the United States determined in accordance with*  
14       *international law, as set forth in Presidential Procla-*  
15       *mation Number 5928, dated December 27, 1988.*



Calendar No. 793

108<sup>TH</sup> CONGRESS  
2<sup>D</sup> SESSION

**S. 2489**

[Report No. 108-402]

---

---

**A BILL**

To establish a program within the National Oceanic and Atmospheric Administration to integrate Federal coastal and ocean mapping activities.

---

---

OCTOBER 11, 2004

Reported with an amendment in the nature of a substitute