I

109TH CONGRESS
1ST SESSION

S. 39

IN THE HOUSE OF REPRESENTATIVES

JULY 11, 2005

Referred to the Committee on Science, and in addition to the Committee on Resources, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

AN ACT

To establish a coordinated national ocean exploration program within the National Oceanic and Atmospheric Administration.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

TITLE I—NATIONAL OCEAN EXPLORATION PROGRAM

SEC. 101. SHORT TITLE.

This title may be cited as the ''National Ocean Exploration Program Act''.

SEC. 102. ESTABLISHMENT.

The Secretary of Commerce, through the Administrator of the National Oceanic and Atmospheric Administration, shall, in consultation with the National Science Foundation and other appropriate Federal agencies, establish a coordinated national ocean exploration program within the National Oceanic and Atmospheric Administration that promotes collaboration with existing programs of the agency, including those authorized in title II.

SEC. 103. AUTHORITIES.

In carrying out the program the Administrator of the National Oceanic and Atmospheric Administration shall—

(1) conduct interdisciplinary exploration voyages or other scientific activities in conjunction with other Federal agencies or academic or educational institutions, to survey little known areas of the marine environment, inventory, observe, and assess living and nonliving marine resources, and report such findings;

(2) give priority attention to deep ocean regions, with a focus on surveying deep water marine systems that hold potential for important scientific discoveries, such as hydrothermal vent communities and seamounts;

(3) conduct scientific voyages to locate, define, and document historic shipwrecks, submerged sites, and other ocean exploration activities that combine archaeology and oceanographic sciences;

(4) develop, in consultation with the National Science Foundation, a transparent process for reviewing and approving proposals for activities to be conducted under this program;

(5) enhance the technical capability of the United States marine science community by promoting the development of improved oceanographic research, communication, navigation, and data collection systems, as well as underwater platforms and sensors;

(6) accept donations of property, data, and equipment to be applied for the purpose of exploring the oceans or increasing knowledge of the oceans;

(7) establish an ocean exploration forum to encourage partnerships and promote communication among experts and other stakeholders in order to

enhance the scientific and technical expertise and relevance of the national program; and

(8) avoid directing the programs towards activities relating to global temperature trends and instead focus on underwater regions of particular scientific interest.

SEC. 104. EXPLORATION TECHNOLOGY AND INFRASTRUCTURE TASK FORCE.

The National Oceanic and Atmospheric Administration, in coordination with the National Aeronautics and Space Administration, the U.S. Geological Survey, Office of Naval Research, and relevant governmental, non-governmental, academic, and other experts, shall convene an ocean technology and infrastructure task force to develop and implement a strategy—

(1) to facilitate transfer of new exploration technology to the program;

(2) to improve availability of communications infrastructure, including satellite capabilities, to the program;

(3) to develop an integrated, workable and comprehensive data management information processing system that will make information on unique and significant features obtained by the program available for research and management purposes;

(4) to conduct public outreach activities that improve the public understanding of ocean science, resources, and processes, in conjunction with relevant programs of the National Oceanic and Atmospheric Administration, the National Science Foundation, and other agencies; and

(5) to encourage cost-sharing partnerships with governmental and non-governmental entities that will assist in transferring exploration technology and technical expertise to the program.

SEC. 105. INTERAGENCY FINANCING.

The National Oceanic and Atmospheric Administration, the National Science Foundation, and other Federal agencies involved in the program, are authorized to participate in interagency financing and share, transfer, receive and spend funds appropriated to any Federal participant in the program for the purposes of carrying out any administrative or programmatic project or activity under this section. Funds may be transferred among such departments and agencies through an appropriate instrument that specifies the goods, services, or space being acquired from another Federal participant and the costs of the same.

SEC. 106. APPLICATION WITH OUTER CONTINENTAL SHELF LANDS ACT.

Nothing in this title or title II supersedes, or limits the authority of the Secretary of the Interior under, the Outer Continental Shelf Lands Act (43 U.S.C. 1331 et seq.).

SEC. 107. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated to the National Oceanic and Atmospheric Administration to carry out the program—

(1) $30,500,000 for fiscal year 2006;

(2) $33,550,000 for fiscal year 2007;

(3) $36,905,000 for fiscal year 2008;

(4) $40,596,000 for fiscal year 2009;

(5) $44,655,000 for fiscal year 2010;

(6) $49,121,000 for fiscal year 2011;

(7) $54,033,000 for fiscal year 2012;

(8) $59,436,000 for fiscal year 2013;

(9) $65,379,000 for fiscal year 2014; and

(10) $71,917,000 for fiscal year 2015.

TITLE II—UNDERSEA RESEARCH PROGRAM

SEC. 201. SHORT TITLE.

This title may be cited as the ''NOAA Undersea Research Program Act of 2005''.

SEC. 202. ESTABLISHMENT.

The Administrator of the National Oceanic and Atmospheric Administration shall establish and maintain an undersea research program and shall designate a Director of that program.

SEC. 203. PURPOSE.

The purpose of the program is to increase scientific knowledge essential for the informed management, use and preservation of oceanic, coastal and large lake resources through undersea research, exploration, education and technology development. The program shall be part of National Oceanic and Atmospheric Administration's undersea research, education, and technology development efforts, and also make available the infrastructure and expertise to service the undersea science needs of the academic community.

SEC. 204. PROGRAM.

The program shall be conducted through a national headquarters, a network of regional undersea research centers, and a national technology institute. Overall direction of the program will be provided by the program director with advice from the Council of Center directors comprised of the directors of the regional centers and the national technology institute.

SEC. 205. REGIONAL CENTERS and TECHNOLOGY INSTITUTE.

The following research, exploration, education, and technology programs shall be conducted through the network of regional centers and the national technology institute:

(1) Core research and exploration based on national and regional undersea research priorities.

(2) Advanced undersea technology to support the National Oceanic and Atmospheric Administration's research mission and programs.

(3) Undersea science-based education and outreach programs to enrich ocean science education and public awareness of the oceans and Great Lakes.

(4) Development of advanced undersea technology associated with seafloor observatories, remotely operated vehicles, autonomous underwater vehicles, and new sampling and sensing technologies.

(5) Discovery, study, and development of natural products from ocean and aquatic systems.

SEC. 206. COMPETITIVENESS.

Except for a small discretionary fund for rapid response activities and for the National Oceanic and Atmospheric Administration-related service projects, for which no more than 10 percent of the program budget shall be

set aside, the external projects supported by the regional centers shall be managed using an open and competitive process to evaluate scientific merit, relevance to the National Oceanic and Atmospheric Administration, regional and national research goals, and technical feasibility.

SEC. 207. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated to the National Oceanic and Atmospheric Administration—

(1) for fiscal year 2006—

(A) $12,500,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $5,000,000 for the National Technology Institute;

(2) for fiscal year 2007—

(A) $13,750,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $5,500,000 for the National Technology Institute;

(3) for fiscal year 2008—

(A) $15,125,000 for the regional centers, of which 50 percent shall be for West Coast Re-

gional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $6,050,000 for the National Technology Institute;

(4) for fiscal year 2009—

(A) $16,638,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $6,655,000 for the National Technology Institute;

(5) for fiscal year 2010—

(A) $18,301,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $7,321,000 for the National Technology Institute;

(6) for fiscal year 2011—

(A) $20,131,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $8,053,000 for the National Technology Institute;

(7) for fiscal year 2012—

(A) $22,145,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $8,859,000 for the National Technology Institute;

(8) for fiscal year 2013—

(A) $24,359,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $9,744,000 for the National Technology Institute;

(9) for fiscal year 2014—

(A) $26,795,000 for the regional centers, of which 50 percent shall be for West Coast Regional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $10,718,000 for the National Technology Institute; and

(10) for fiscal year 2015—

(A) $29,474,000 for the regional centers, of which 50 percent shall be for West Coast Re-

gional Centers and 50 percent shall be for East Coast Regional Centers; and

(B) $11,790,000 for the National Technology Institute.

Passed the Senate July 1, 2005.

Attest: EMILY J. REYNOLDS,
Secretary.