

(3) in subsection (c)—
(A) in paragraphs (1) and (2), by striking “5” and inserting “4”;

(B) in paragraph (2), by striking “and” at the end;

(C) by redesignating paragraph (3) as paragraph (4), and in that paragraph by striking “3” and inserting “2”; and

(D) by inserting after paragraph (2) the following:

“(3) 3 members selected by the Secretary of Energy; and”; and

(4) in subsection (f), by striking “the advisory bodies of other Federal agencies, such as the Department of Energy, which may engage in related research activities” and inserting “other Federal advisory committees that advise Federal agencies that engage in related research activities”.

(b) **EFFECTIVE DATE.**—The amendments made by subsection (a) take effect on March 15, 2005.

SEC. 6. REMOVAL OF SUNSET PROVISION FROM SAVINGS IN CONSTRUCTION ACT OF 1996.

Section 14 of the Metric Conversion Act of 1975 (15 U.S.C. 205l) is amended by striking subsection (e).

The amendment (No. 4053) was agreed to as follows:

Strike all after the enacting clause and insert the following:

SECTION 1. SHORT TITLE.

This Act may be cited as the “Department of Energy High-End Computing Revitalization Act of 2004”.

SEC. 2. DEFINITIONS.

In this Act:

(1) **CENTER.**—The term “Center” means a High-End Software Development Center established under section 3(d).

(2) **HIGH-END COMPUTING SYSTEM.**—The term “high-end computing system” means a computing system with performance that substantially exceeds that of systems that are commonly available for advanced scientific and engineering applications.

(3) **LEADERSHIP SYSTEM.**—The term “Leadership System” means a high-end computing system that is among the most advanced in the world in terms of performance in solving scientific and engineering problems.

(4) **INSTITUTION OF HIGHER EDUCATION.**—The term “institution of higher education” has the meaning given the term in section 101(a) of the Higher Education Act of 1965 (20 U.S.C. 1001(a)).

(5) **SECRETARY.**—The term “Secretary” means the Secretary of Energy, acting through the Director of the Office of Science of the Department of Energy.

SEC. 3. DEPARTMENT OF ENERGY HIGH-END COMPUTING RESEARCH AND DEVELOPMENT PROGRAM.

(a) **IN GENERAL.**—The Secretary shall—

(1) carry out a program of research and development (including development of software and hardware) to advance high-end computing systems; and

(2) develop and deploy high-end computing systems for advanced scientific and engineering applications.

(b) **PROGRAM.**—The program shall—

(1) support both individual investigators and multidisciplinary teams of investigators;

(2) conduct research in multiple architectures, which may include vector, reconfigurable logic, streaming, processor-in-memory, and multithreading architectures;

(3) conduct research on software for high-end computing systems, including research on algorithms, programming environments, tools, languages, and operating systems for high-end computing systems, in collaboration with architecture development efforts;

(4) provide for sustained access by the research community in the United States to high-end computing systems and to Leadership Systems, including provision of technical support for users of such systems;

(5) support technology transfer to the private sector and others in accordance with applicable law; and

(6) ensure that the high-end computing activities of the Department of Energy are coordinated with relevant activities in industry and with other Federal agencies, including the National Science Foundation, the Defense Advanced Research Projects Agency, the National Nuclear Security Administration, the National Security Agency, the National Institutes of Health, the National Aeronautics and Space Administration, the National Oceanic and Atmospheric Administration, the National Institutes of Standards and Technology, and the Environmental Protection Agency.

(c) LEADERSHIP SYSTEMS FACILITIES.

(1) **IN GENERAL.**—As part of the program carried out under this Act, the Secretary shall establish and operate 1 or more Leadership Systems facilities to—

(A) conduct advanced scientific and engineering research and development using Leadership Systems; and

(B) develop potential advancements in high-end computing system hardware and software.

(2) **ADMINISTRATION.**—In carrying out this subsection, the Secretary shall provide to Leadership Systems, on a competitive, merit-reviewed basis, access to researchers in United States industry, institutions of higher education, national laboratories, and other Federal agencies.

(d) HIGH-END SOFTWARE DEVELOPMENT CENTER.

(1) **IN GENERAL.**—As part of the program carried out under this Act, the Secretary shall establish at least 1 High-End Software Development Center.

(2) **DUTIES.**—A Center shall concentrate efforts to develop, test, maintain, and support optimal algorithms, programming environments, tools, languages, and operating systems for high-end computing systems.

(3) **PROPOSALS.**—In soliciting proposals for the Center, the Secretary shall encourage staffing arrangements that include both permanent staff and a rotating staff of researchers from other institutions and industry to assist in coordination of research efforts and promote technology transfer to the private sector.

(4) **USE OF EXPERTISE.**—The Secretary shall use the expertise of a Center to assess research and development in high-end computing system architecture.

(5) **SELECTION.**—The selection of a Center shall be determined by a competitive proposal process administered by the Secretary.

SEC. 4. AUTHORIZATION OF APPROPRIATIONS.

In addition to amounts otherwise made available for high-end computing, there are authorized to be appropriated to the Secretary to carry out this Act—

(1) \$50,000,000 for fiscal year 2005;

(2) \$55,000,000 for fiscal year 2006; and

(3) \$60,000,000 for fiscal year 2007.

SEC. 5. ASTRONOMY AND ASTROPHYSICS ADVISORY COMMITTEE.

(a) **AMENDMENTS.**—Section 23 of the National Science Foundation Authorization Act of 2002 (42 U.S.C. 1862n-9) is amended—

(1) in subsection (a) and paragraphs (1) and (2) of subsection (b), by striking “and the National Aeronautics and Space Administration” and inserting “, the National Aeronautics and Space Administration, and the Department of Energy”; and

(2) in subsection (b)(3), by striking “Administration, and” and inserting “Administration, the Secretary of Energy, ”;

(3) in subsection (c)—

(A) in paragraphs (1) and (2), by striking “5” and inserting “4”;

(B) in paragraph (2), by striking “and” at the end;

(C) by redesignating paragraph (3) as paragraph (4), and in that paragraph by striking “3” and inserting “2”; and

(D) by inserting after paragraph (2) the following:

“(3) 3 members selected by the Secretary of Energy; and

(4) in subsection (f), by striking “the advisory bodies of other Federal agencies, such as the Department of Energy, which may engage in related research activities” and inserting “other Federal advisory committees that advise Federal agencies that engage in related research activities”.

(b) **EFFECTIVE DATE.**—The amendments made by subsection (a) take effect on March 15, 2005.

SEC. 6. REMOVAL OF SUNSET PROVISION FROM SAVINGS IN CONSTRUCTION ACT OF 1996.

Section 14 of the Metric Conversion Act of 1975 (15 U.S.C. 205l) is amended by striking subsection (e).

The committee amendment in the nature of a substitute, as amended, was agreed to.

The bill (H.R. 4516), as amended, was read the third time and passed.

BOUNDARY REVISION OF THE CHICKASAW NATIONAL RECREATION AREA

The bill (H.R. 4066) to provide for the conveyance of certain land to the United States and to revise the boundary of Chickasaw National Recreation Area, Oklahoma, and for other purposes was considered, ordered to a third reading, read the third time, and passed.

H.R. 4066

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

SECTION 1. SHORT TITLE.

This Act may be cited as the “Chickasaw National Recreation Area Land Exchange Act of 2004”.

SEC. 2. FINDINGS AND PURPOSE.

(a) **FINDINGS.**—Congress finds the following:

(1) By provision 64 of the agreement between the United States and the Choctaws and Chickasaws dated March 21, 1902 (32 Stat. 641, 655-56), approved July 1, 1902, 640 acres of property were ceded to the United States for the purpose of creating Sulphur Springs Reservation, later known as Platt National Park, to protect water and other resources and provide public access.

(2) In 1976, Platt National Park, the Arbuckle Recreation Area, and additional lands were combined to create Chickasaw National Recreation Area to protect and expand water and other resources as well as to memorialize the history and culture of the Chickasaw Nation.

(3) More recently, the Chickasaw Nation has expressed interest in establishing a cultural center inside or adjacent to the park.

(4) The Chickasaw National Recreation Area's Final Amendment to the General Management Plan (1994) found that the best location for a proposed Chickasaw Nation Cultural Center is within the Recreation Area's existing boundary and that the selected cultural center site should be conveyed to the Chickasaw Nation in exchange for land of equal value.

(5) The land selected to be conveyed to the Chickasaw Nation holds significant historical and cultural connections to the people of the Chickasaw Nation.

(6) The City of Sulphur, Oklahoma, is a key partner in this land exchange through its donation of land to the Chickasaw Nation for the purpose of exchange with the United States.

(7) The City of Sulphur, Oklahoma, has conveyed fee simple title to the non-Federal land described as Tract 102-26 to the Chickasaw Nation by Warranty Deed.

(8) The National Park Service, the Chickasaw Nation, and the City of Sulphur, Oklahoma, have signed a preliminary agreement to effect a land exchange for the purpose of the construction of a cultural center.

(b) PURPOSE.—The purpose of this Act is to authorize, direct, facilitate, and expedite the land conveyance in accordance with the terms and conditions of this Act.

SEC. 3. DEFINITIONS.

For the purposes of this Act, the following definitions apply:

(1) FEDERAL LAND.—The term “Federal land” means the Chickasaw National Recreational Area lands and interests therein, identified as Tract 102-25 on the Map.

(2) NON-FEDERAL LAND.—The term “non-Federal land” means the lands and interests therein, formerly owned by the City of Sulphur, Oklahoma, and currently owned by the Chickasaw Nation, located adjacent to the existing boundary of Chickasaw National Recreation Area and identified as Tract 102-26 on the Map.

(3) MAP.—The term “Map” means the map entitled “Proposed Land Exchange and Boundary Revision, Chickasaw National Recreation Area”, dated September 8, 2003, and numbered 107/800035a.

(4) SECRETARY.—The term “Secretary” means the Secretary of the Interior.

SEC. 4. CHICKASAW NATIONAL RECREATION AREA LAND CONVEYANCE.

(a) LAND CONVEYANCE.—Not later than 6 months after the Chickasaw Nation conveys all right, title, and interest in and to the non-Federal land to the United States, the Secretary shall convey all right, title, and interest in and to the Federal land to the Chickasaw Nation.

(b) VALUATION OF LAND TO BE CONVEYED.—The fair market values of the Federal land and non-Federal land shall be determined by an appraisal acceptable to the Secretary and the Chickasaw Nation. The appraisal shall conform with the Federal appraisal standards, as defined in the Uniform Appraisal Standards for Federal Land Acquisitions developed by the Interagency Land Acquisition Conference, 1992, and any amendments to these standards.

(c) EQUALIZATION OF VALUES.—If the fair market values of the Federal land and non-Federal land are not equal, the values may be equalized by the payment of a cash equalization payment by the Secretary or the Chickasaw Nation, as appropriate.

(d) CONDITIONS.—

(1) IN GENERAL.—Notwithstanding subsection (a), the conveyance of the non-Federal land authorized under subsection (a) shall not take place until the completion of all items included in the Preliminary Exchange Agreement among the City of Sulphur, the Chickasaw Nation, and the National Park Service, executed on July 16, 2002, except as provided in paragraph (2).

(2) EXCEPTION.—The item included in the Preliminary Exchange Agreement among the City of Sulphur, the Chickasaw Nation, and the National Park Service, executed on July 16, 2002, providing for the Federal land to be taken into trust for the benefit of the Chickasaw Nation shall not apply.

(e) ADMINISTRATION OF ACQUIRED LAND.—Upon completion of the land exchange authorized under subsection (a), the Secretary—

(1) shall revise the boundary of Chickasaw National Recreation Area to reflect that exchange; and

(2) shall administer the land acquired by the United States in accordance with applicable laws and regulations.

Mr. FRIST. Mr. President, I ask unanimous consent that the Senate proceed to the en bloc consideration of H.R. 3391, H.R. 3479, H.R. 4593, H.R. 4827, H.R. 1630, and H.R. 4579 which are at the desk.

The PRESIDING OFFICER. Without objection, it is so ordered.

Mr. FRIST. I ask unanimous consent that the amendments at the desk be agreed to, the bills, as amended, if amended, be read a third time and passed, the motions to reconsider be laid upon the table en bloc, and any statements relating to the bills be printed in the RECORD.

The PRESIDING OFFICER. Without objection, it is so ordered.

PROVO RIVER PROJECT TRANSFER ACT

The bill (H.R. 3391) to authorize the Secretary of the Interior to convey certain lands and facilities of the Provo River Project, was considered, ordered to a third reading, read the third time, and passed.

BROWN TREE SNAKE CONTROL AND ERADICATION ACT OF 2004

The bill (H.R. 3479) to provide for the control and eradication of the brown tree snake on the island of Guam and the prevention of the introduction of the brown tree snake to other areas of the United States, and for other purposes, was considered, ordered to a third reading, read the third time, and passed.

LINCOLN COUNTY CONSERVATION, RECREATION, AND DEVELOPMENT ACT OF 2004

The Senate proceeded to consider the bill (H.R. 4593) to establish wilderness areas, promote conservation, improve public land, and provide for the high quality development in Lincoln County, Nevada, and for other purposes.

The amendment (No. 4054) was agreed to.

(The amendment is printed in today's RECORD under “Text of Amendments.”)

The bill (H.R. 4054), as amended, was read the third time and passed.

McINNIS CANYONS NATIONAL CONSERVATION AREA

The bill (H.R. 4827) to amend the Colorado Canyons National Conservation Area and Black Ridge Canyons Wilderness Act of 2000 to rename the Colorado Canyons National Conservation Area as the McInnis Canyons National Con-

servation Area, was considered, ordered to a third reading, read the third time, and passed.

PETRIFIED FOREST NATIONAL PART EXPANSION ACT OF 2003

The Senate proceeded to consider the bill (H.R. 1630) to revise the boundary of the Petrified Forest National Park in the State of Arizona, and for other purposes.

The amendment (No. 4055) was agreed to, as follows:

On page 2, line 9, strike “June” and insert “July”.

The bill (H.R. 1630), as amended, was read the third time and passed.

TRUMAN FARM HOUSE EXPANSION ACT

The bill (H.R. 4579) to modify the boundary of the Harry S. Truman National Historic Site in the State of Missouri, and for other purposes, was considered, ordered to a third reading, read the third time, and passed.

LEWIS AND CLARK NATIONAL HISTORICAL PARK

ALASKA LAND TRANSFER ACCELERATION ACT OF 2003

WILSON'S CREEK NATIONAL BATTLEFIELD IN MISSOURI

ORGANIC ACT OF GUAM AMENDMENT

PONCE DE LEON DISCOVERY OF FLORIDA QUINCENTENNIAL ACT

UPPER CONNECTICUT RIVER PARTNERSHIP ACT

Mr. FRIST. Mr. President, I ask unanimous consent that the Energy Committee be discharged from the following bills, en bloc: H.R. 3819, S. 1466, H.R. 4481, H.R. 2400, S. 2656, and S. 1433, and the Senate proceed to their immediate consideration, en bloc.

The PRESIDING OFFICER. Without objection, it is so ordered.

There being no objection, the Senate proceeded to consider the bills, en bloc.

Mr. FRIST. Mr. President, I ask unanimous consent that the amendments at the desk be agreed to, the bills, as amended, be read a third time and passed, and the motions to reconsider be laid upon the table, en bloc, and that any statements related to the bills be printed in the RECORD.

The PRESIDING OFFICER. Without objection, it is so ordered.

The bill (H.R. 3819), Lewis and Clark National Historical Park Designation Act of 2004, was read the third time and passed.

The Senate proceeded to consider the bill (S. 1466) to facilitate the transfer of