

range, the narrow band of radiation between radio and infrared waves, a portion of the electromagnetic spectrum largely unexplored from the ground. Using the latest technology, the array will be able to probe the murky clouds of the Milky Way where stars are born, peer into the hearts of exploding galaxies, study cool faint objects of our own Solar System, and explore other great questions in astronomy, gaining insight into the processes and cataclysmic forces involved in the ultimate formation and evolution of stars, planets and galaxies.

Like the innovative Chandra X-ray Observatory, which is now sending back stunning images from space, essentially all of the Submillimeter Array's equipment was designed and prototyped at the Smithsonian Astrophysical Observatory's facilities in Cambridge, Massachusetts. And, just as the Smithsonian collaborates with NASA on the groundbreaking Chandra project, it collaborates with the Institute of Astronomy and Astrophysics of the Academia Sinica of Taiwan on the advanced SMA.

On September 29, 1999, by tracking and observing 230 gigahertz (230 billion cycles per second) of radiation from Mars, Venus, Saturn, and Jupiter, SMA scientists made their first test observation—thereby achieving the submillimeter equivalent of “first light”—and took a critical step in the ultimate success of this project. This is but yet another milestone in the history of the Smithsonian Astrophysical Observatory (SAO). Founded in 1890 by Secretary Samuel Langley as a center for “the new astronomy,” where one might study the physical nature of astronomical bodies as well as their positions and motions, SAO pioneered studies of the relationship between the solar and terrestrial phenomena. In the earliest days of the Space Age, SAO established and operated a worldwide network of satellite-tracking stations, including one on the island of Maui, and developed experiments for some of the first orbiting space observatories. Today, SAO, the Smithsonian unit with the largest budget, is headquartered—in a partnership with Harvard University—in Cambridge, Massachusetts. At that facility more than 300 scientists are engaged in a broad program of astronomy, astrophysics, and earth and space sciences supported by Federal appropriations, Smithsonian trust funds, Harvard University funds, and contracts and grants. In addition to the Submillimeter Array in Hawaii, SAO maintains a major data-gathering facility at the Whipple Observatory near Tucson, Arizona and operates the Oak Ridge Observatory in Massachusetts.

The legislation I am introducing today authorizes the Smithsonian to plan, design, construct, and equip approximately 16,000 square feet of laboratory, administrative, and support space at the base of Mauna Kea, replacing inadequate, temporary leased space. It further authorizes an appro-

priation of \$2,000,000 in fiscal year 2001 and \$2,500,000 in fiscal year 2002. This is a very modest investment to ensure the continuation of the scientific achievement and research excellence that have been a tradition at the Smithsonian Astrophysical Observatory for 110 years.

I urge the speedy passage of this legislation and ask unanimous consent that the text of the bill be printed in the RECORD.

There being no objection, the bill was ordered to be printed in the RECORD, as follows:

S. 2498

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

SECTION 1. FACILITY AUTHORIZED.

The Board of Regents of the Smithsonian Institution is authorized to plan, design, construct, and equip laboratory, administrative, and support space to house base operations for the Smithsonian Astrophysical Observatory Submillimeter Array located on Mauna Kea at Hilo, Hawaii.

SEC. 2. AUTHORIZATION OF APPROPRIATIONS.

There are authorized to be appropriated to the Board of Regents of the Smithsonian Institution to carry out this Act, \$2,000,000 for fiscal year 2001, and \$2,500,000 for fiscal year 2002, which shall remain available until expended.●

● Mr. COCHRAN. Mr. President, I am pleased to join my colleague, the Senator from New York (Mr. MOYNIHAN) and fellow Smithsonian Institution Board Regent in introducing the legislation authorizing a permanent base facility structure at Hilo, Hawaii for the Smithsonian Astrophysical Observatory Submillimeter Array.

The Submillimeter Array is part of the world-class web of major data-gathering facilities of the Smithsonian Astrophysical Observatory. Other facilities are located in Arizona and its headquarters in Massachusetts. Together these facilities support some of the world's most advanced studies and discoveries in astronomy, astrophysics, earth and space science.

This legislation will authorize the planning, design, construction and outfitting of the necessary laboratory and other operational space for the array of radio telescope antennas installed atop the ancient volcano, Mauna Kea. Funding is authorized in the amount of \$2,000,000 for Fiscal Year 2001 and \$2,500,000 for Fiscal Year 2002. The new base station will replace a current system of rented, overcrowded space shared with astrophysical operations of other organizations and countries.

Mr. President, I am proud of the Smithsonian Astrophysical Observatory 110-year history and its reputation around the world. Its work and discoveries are considered to be some of the most significant of the Twentieth Century. From the first orbiting space observatories to the newest images of our galaxy, the Smithsonian Astrophysical Observatory has worked independently and collaborated with the National Aeronautics and Space Administration to explore and explain the wonders of the universe.

I hope the Senate will work quickly to pass this legislation so the work of the Submillimeter Array can proceed.●

ADDITIONAL COSPONSORS—MAY 1, 2000

S. 636

At the request of Mr. REED, the name of the Senator from Rhode Island (Mr. L. CHAFEE) was added as a cosponsor of S. 636, a bill to amend title XXVII of the Public Health Service Act and part 7 of subtitle B of title I of the Employee Retirement Income Security Act of 1974 to establish standards for the health quality improvement of children in managed care plans and other health plans.

S. 818

At the request of Mr. DEWINE, the name of the Senator from New York (Mr. MOYNIHAN) was added as a cosponsor of S. 818, a bill to require the Secretary of Health and Human Services to conduct a study of the mortality and adverse outcome rates of medicare patients related to the provision of anesthesia services.

S. 961

At the request of Mr. BURNS, the name of the Senator from Wisconsin (Mr. KOHL) was added as a cosponsor of S. 961, a bill to amend the Consolidated Farm and Rural Development Act to improve shared appreciation arrangements.

S. 1142

At the request of Ms. MIKULSKI, the name of the Senator from California (Mrs. BOXER) was added as a cosponsor of S. 1142, a bill to protect the right of a member of a health maintenance organization to receive continuing care at a facility selected by that member, and for other purposes.

S. 1526

At the request of Mr. ROCKEFELLER, the name of the Senator from Georgia (Mr. CLELAND) was added as a cosponsor of S. 1526, a bill to amend the Internal Revenue Code of 1986 to provide a tax credit to taxpayers investing in entities seeking to provide capital to create new markets in low-income communities.

S. 1691

At the request of Mr. INHOFE, the names of the Senator from New Hampshire (Mr. SMITH) and the Senator from Ohio (Mr. DEWINE) were added as cosponsors of S. 1691, a bill to amend the Robert T. Stafford Disaster Relief and Emergency Assistance Act to authorize programs for predisaster mitigation, to streamline the administration of disaster relief, to control the Federal costs of disaster assistance, and for other purposes.

S. 1810

At the request of Mrs. MURRAY, the name of the Senator from Texas (Mrs. HUTCHISON) was added as a cosponsor of S. 1810, a bill to amend title 38, United States Code, to clarify and improve veterans' claims and appellate procedures.

S. 1900

At the request of Mr. LAUTENBERG, the name of the Senator from West Virginia (Mr. BYRD) was added as a cosponsor of S. 1900, a bill to amend the Internal Revenue Code of 1986 to allow a credit to holders of qualified bonds issued by Amtrak, and for other purposes.

S. 2003

At the request of Mr. JOHNSON, the name of the Senator from Utah (Mr. HATCH) was added as a cosponsor of 2003, a bill to restore health care coverage to retired members of the uniformed services.

S. 2270

At the request of Mr. THOMAS, his name was added as a cosponsor of S. 2270, a bill to prohibit civil or equitable actions from being brought or continued against manufacturers, distributors, dealers, or importers of firearms or ammunition for damages resulting from the misuse of their products by others, to protect gun owner privacy and ownership rights, and for other purposes.

S. 2287

At the request of Mr. L. CHAFEE, the name of the Senator from Washington (Mrs. MURRAY) was added as a cosponsor of S. 2287, a bill to amend the Public Health Service Act to authorize the Director of the National Institute of Environmental Health Sciences to make grants for the development and operation of research centers regarding environmental factors that may be related to the etiology of breast cancer.

S. 2408

At the request of Mr. BINGAMAN, the names of the Senator from Michigan (Mr. ABRAHAM) and the Senator from Connecticut (Mr. LIEBERMAN) were added as cosponsors of S. 2408, a bill to authorize the President to award a gold medal on behalf of the Congress to the Navajo Code Talkers in recognition of their contributions to the Nation.

S. 2414

At the request of Mr. WELLSTONE, the name of the Senator from New Jersey (Mr. TORRICELLI) was added as a cosponsor of S. 2414, a bill to combat trafficking of persons, especially into the sex trade, slavery, and slavery-like conditions, in the United States and countries around the world through prevention, through prosecution and enforcement against traffickers, and through protection and assistance to victims of trafficking.

S. 2417

At the request of Mr. CRAPO, the names of the Senator from Nebraska (Mr. HAGEL), the Senator from Missouri (Mr. BOND), the Senator from Kentucky (Mr. MCCONNELL), and the Senator from Arkansas (Mr. HUTCHINSON) were added as cosponsors of S. 2417, a bill to amend the Federal Water Pollution Control Act to increase funding for State nonpoint source pollution control programs, and for other purposes.

S. 2459

At the request of Mr. COVERDELL, the name of the Senator from Rhode Island (Mr. L. CHAFEE) was added as a cosponsor of S. 2459, a bill to provide for the award of a gold medal on behalf of the Congress to former President Ronald Reagan and his wife Nancy Reagan in recognition of their service to the Nation.

S. CON. RES. 60

At the request of Mr. FEINGOLD, the name of the Senator from California (Mrs. BOXER) was added as a cosponsor of S. Con. Res. 60, a concurrent resolution expressing the sense of Congress that a commemorative postage stamp should be issued in honor of the U.S.S. *Wisconsin* and all those who served aboard her.

S. CON. RES. 98

At the request of Mr. BIDEN, his name was added as a cosponsor of S. Con. Res. 98, a concurrent resolution urging compliance with the Hague Convention on the Civil Aspects of International Child Abduction.

S. CON. RES. 104

At the request of Mr. SCHUMER, the name of the Senator from California (Mrs. BOXER) was added as a cosponsor of S. Con. Res. 104, a concurrent resolution expressing the sense of the Congress regarding the ongoing prosecution of 13 members of Iran's Jewish community.

S. RES. 294

At the request of Mr. ABRAHAM, the names of the Senator from Georgia (Mr. CLELAND) and the Senator from North Carolina (Mr. HELMS) were added as cosponsors of S. Res. 294, a resolution designating the month of October 2000 as "Children's Internet Safety Month."

ADDITIONAL COSPONSORS—MAY 2, 2000

S. 459

At the request of Mr. BREAUX, the name of the Senator from North Dakota (Mr. CONRAD) was added as a cosponsor of S. 459, a bill to amend the Internal Revenue Code of 1986 to increase the State ceiling on private activity bonds.

S. 796

At the request of Mr. DOMENICI, the name of the Senator from Utah (Mr. BENNETT) was added as a cosponsor of S. 796, a bill to provide for full parity with respect to health insurance coverage for certain severe biologically-based mental illnesses and to prohibit limits on the number of mental illness-related hospital days and outpatient visits that are covered for all mental illnesses.

S. 1145

At the request of Mr. LEAHY, the name of the Senator from Maryland (Ms. MIKULSKI) was added as a cosponsor of S. 1145, a bill to provide for the appointment of additional Federal circuit and district judges, and for other purposes.

S. 1155

At the request of Mr. ROBERTS, the names of the Senator from Idaho (Mr. CRAPO) and the Senator from Iowa (Mr. GRASSLEY) were added as cosponsors of S. 1155, a bill to amend the Federal Food, Drug, and Cosmetic Act to provide for uniform food safety warning notification requirements, and for other purposes.

S. 1922

At the request of Mr. KERREY, the name of the Senator from North Dakota (Mr. HELMS) was added as a cosponsor of S. 1922, a bill to amend the Internal Revenue Code of 1986 to provide a tax credit for modifications to inter-city buses required under the American with Disabilities Act of 1990.

S. 1941

At the request of Mr. DODD, the name of the Senator from California (Mrs. BOXER) was added as a cosponsor of S. 1941, a bill to amend the Federal Fire Prevention and Control Act of 1974 to authorize the Director of the Federal Emergency Management Agency to provide assistance to fire departments and fire prevention organizations for the purpose of protecting the public and firefighting personnel against fire and fire-related hazards.

S. 1987

At the request of Mr. DURBIN, the name of the Senator from Washington (Mrs. MURRAY) was added as a cosponsor of S. 1987, a bill to amend the Violence Against Women Act of 1994, the Family Violence Prevention and Services Act, the Older American Act of 1965, and the Public Health Service Act to ensure that older women are protected from institutional, community, and domestic violence and sexual assault and to improve outreach efforts and other services available to older women victimized by such violence, and for other purposes.

S. 2044

At the request of Mr. CAMPBELL, the names of the Senator from Vermont (Mr. JEFFORDS), the Senator from Minnesota (Mr. GRAMS), and the Senator from Missouri (Mr. ASHCROFT) were added as cosponsors of S. 2044, a bill to allow postal patrons to contribute to funding for domestic violence programs through the voluntary purchase of specially issued postage stamps.

S. 2057

At the request of Mr. MURKOWSKI, the name of the Senator from North Dakota (Mr. HELMS) was added as a cosponsor of S. 2057, a bill to amend the Communications Act of 1934 to prohibit the use of electronic measurement units (EMUs).

S. 2061

At the request of Mr. BIDEN, the name of the Senator from Connecticut (Mr. DODD) was added as a cosponsor of S. 2061, a bill to establish a crime prevention and computer education initiative.

S. 2070

At the request of Mr. FITZGERALD, the names of the Senator from North