

INSTITUTIONS/PARTNERING INFORMATION

UNITED STATES GOVERNMENT

Federal Emergency Management Agency (FEMA)
National Aeronautics and Space Administration (NASA)
National Oceanic and Atmospheric Administration (NOAA)
National Telecommunications and Information Administration (NTIA)
National Weather Service (NWS)
U.S. Department of Agriculture
U.S. Department of Interior
U.S. Department of State
U.S. Department of Veteran Affairs
U.S. Public Health Service

PACIFIC ISLAND INSTITUTIONS

American Samoa Distance Education, Learning and Telehealth Applications Consortium
Commonwealth of the Northern Mariana Islands Public School System (CNMI PSS)
Forum Fisheries Agency (FFA)
Guam Department of Education (GDOE)
Pacific Basin Development Council (PBDC)
Pacific Islands Health Officers Association (PIHOA)
Pacific Resources for Education and Learning (PREL)
The State Telehealth Access Network (STAN)
The Telecommunications and Information Policy Group (TIPG)
The University of Hawaii

INTERNATIONAL INSTITUTIONS

Marine-Air Systems (MAS)
National Institute for Multimedia Education (NIME)
Sasakawa Pacific Island Nations Fund (SPINF)
Sasakawa Peace Foundation (SPF)

UNITED STATES GOVERNMENT

FEDERAL EMERGENCY MANAGEMENT AGENCY / REGION IX

The FEMA, in collaboration with the U.S. Department of Interior, funded a large share of the PEACESAT Emergency Management Network. This funding led to the development of the deployment of higher speed digital satellite modems in the Pacific Islands region which in turn made possible the "Electronic Post Office" project funded by the U.S. Public Health Service. FEMA also took the lead for the monitoring and facilitation of this project in collaboration with the Pacific Basin Development Corporation.

National Aeronautics and Space Administration (NASA)

NASA initiated the PEACESAT Program in 1969 and provided support well into the 1980s. NASA has also been providing tracking, telemetry, and control support through its Kokee Park Geophysical Observatory Tracking Station in Kauai, Hawaii since 1989. NASA is also working with PEACESAT through several other projects, including the Regional Verification Center and the Earth Alert. These projects are directed by the Goddard Space Flight Center in Maryland. NASA is a large agency with missions that go beyond space flights. NASA is involved with space communication experiments, education, and earth observation.

NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION (NOAA)

NOAA has provided the GOES-3 and GOES-2 satellites used by PEACESAT and the operational support for satellite operations. NOAA not only is responsible for monitoring the satellite but also in directing satellite maneuvers. Mr. Gary Davis and Mr. Bob McCoy are especially acknowledged for their efforts in assisting in the direction and operations of those satellites. Currently PEACESAT utilizes GOES-7 that is managed and operated by Ms. Kathleen Kelly, Ms. Cindy Hampton and Ms. Maggie Laughlin.

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NATIONAL TELECOMMUNICATIONS AND INFORMATION ADMINISTRATION (NTIA)

NTIA has been the program manager of PEACESAT since 1988. NTIA is the lead agency in the United States for telecommunications policy and also administers the Congressional appropriations and grant programs available to the PEACESAT Program. NTIA also provides technical advice and review of technical developments through its Institute for Telecommunication Sciences. The role of the NTIA has been central to the successes of the program.

National Weather Service (NWS)

The NWS uses the GOES-7 satellite to relay weather information over the Emergency Managers Weather Information Network (EMWIN) in the Pacific Region. The low cost of EMWIN receivers along with low bandwidth (9.6Kbps) enables many entities throughout the Pacific the ability to access current and upcoming weather conditions.

U.S. DEPARTMENT OF AGRICULTURE / Agriculture Development in the American Pacific (ADAP)

The ADAP Program and the USDA funded the "PEACESAT Remote Access" and "PEACESAT Internet Services" projects. The Remote Access project enabled the dial-in of a remote user to the PEACESAT data services and the purchase of auto-tracking units to ensure that the earth station could track the satellite without operator intervention. The Internet Services project enabled PEACESAT to host an electronic mail server for users in the Pacific. The ADAP program also received funding to connect to the PEACESAT network to American Samoa and Guam for video teleconferencing and to locations in Hawaii through the State of Hawaii Telehealth Access Network.

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U.S. DEPARTMENT OF INTERIOR / OFFICE OF TERRESTRIAL AND INSULAR AFFAIRS

The DOI funded a large share in collaboration with the Federal Emergency Management Agency (FEMA) of the PEACESAT Emergency Management Network. This project installed PEACESAT earth stations for emergency communications. The earth stations are specially designed to operate during emergencies and have larger antennas (3.5 meters) and protective radomes. The EMN also operates on dedicated frequencies. The funding led to the development of the deployment of higher speed digital satellite modems in the Pacific Islands region which in turn makes possible the "Electronic Post Office" project funded by the U.S. Public Health Service.

Through a grant to the American Samoa Power Authority (ASPA), the DOI Operations Maintenance Improvement Program (OMIP) supported the PEACESAT OMIP training program. This program provided assistance in training PEACESAT operators and technicians in the field.

U.S. DEPARTMENT OF STATE

The U.S. Department of State has helped PEACESAT in many ways. State has helped to facilitate discussions with the telecommunication carriers and "competent authorities" in the Federated States of Micronesia, Republic of the Marshall Islands, and the Republic of Palau. The U.S. Department of State has also funded the South Pacific Applied Geoscience Commission (SOPAC) for a PEACESAT earth station.

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U.S. Department of Veteran Affairs

The U.S. Department of Veteran Affairs (VA) provides health care to veterans in many different Pacific areas and makes up one of the largest hospital and clinical networks in the US. In the Pacific region the VA has a field office in American Samoa and a clinic in Guam which are both a marginal distance from major facilities in Hawaii. Through the use of Video Teleconferencing the VA is able to provide improved forms of healthcare for many veterans throughout the Pacific as well technical assistance with the clinical information system.

DEPARTMENT OF HEALTH AND HUMAN SERVICES / U.S. PUBLIC HEALTH SERVICE/OFFICE OF PACIFIC HEALTH

The U.S. Public Health Service is recognized for their recognition of telecommunications and information access as important to public health. This recognition preceded the formation of "telehealth" programs. The U.S. Public Health Service funded the Electronic Post Office Project which provides electronic mail servers and dial-up modems for health entities in the Western Pacific to have access to electronic mail (email) over the Internet. The servers will also support local Intranet information services as well. A very key aspect of this proposal is that it requires collaboration with the Emergency Management Network or other PEACESAT sites to obtain the communications link for Internet.

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PACIFIC ISLAND INSTITUTIONS

American Samoa Distance Education, Learning and Telehealth Applications Consortium

The American Samoa Distance Education, Learning and Telehealth Applications Consortium is made up of the American Samoa Government, American Samoa Departments of Commerce, Education, Public Safety, Treasury, Health and the Territorial Emergency Management Office and represents a concentrated movement towards the growth and development of telecommunications technology in the region. The introduction of video teleconferencing to the American Samoa healthcare industry has been valuable to local hospitals and treatment facilities in the form of off island referrals. The American Samoa Department of Education has also utilized video teleconferencing for many distance education classes as well as cultural exchanges.

Commonwealth of the Northern Mariana Islands Public School System (CNMI PSS)

With the assistance of the E-Rate program and NTIA the CNMI PSS is able to deliver distance learning programs over a network that provides video teleconferencing as well as Internet connectivity to all of the schools throughout the CNMI PSS. This was made possible through a consortium known as the Commonwealth of the Northern Mariana Islands Partners in Distance Learning Network (CNMI PDLN) and consists of the Office of the Governor, Northern Marianas College, the Commonwealth Health Center, PREL and PEACESAT.

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FORUM FISHERIES AGENCY

Initially, the Forum Fisheries Agency (FFA) was one of the largest regional organizations that used PEACESAT to maintain communications with fisheries departments throughout the Pacific. In more recent years, FFA employs commercial telecommunications for data transfer.

Guam Department of Education

As a member of the Guam Education NETWORK (GENET) the Guam Department of Education (GDOE) is able to have all of the intermediate and high schools connected to each other in a large education network. This enables distance education programs to reach each of the schools for a diverse and technologically advanced educational platform.

PACIFIC BASIN DEVELOPMENT COUNCIL (PBDC)

The Pacific Basin Development Council is a non-profit corporation established in early 1980s by the Governors of the two American Territories of American Samoa and Guam, the Commonwealth of the Northern Mariana Islands, and the State of Hawaii. PBDC addresses and articulates, through its Board of Directors, the economic and social development concerns of the Pacific Islands. PBDC also undertakes research and projects beneficial to the region.

PACIFIC ISLANDS HEALTH OFFICERS ASSOCIATION (PIHOA)

PIHOA is the primary regional health organization in the Western Pacific. The members of the board are the Ministers or Directors of Health of American Samoa, the Commonwealth of the Northern Mariana Islands, the Federated States of Micronesia, Guam, the Republic of the Marshall Islands, and the Republic of Palau. PIHOA and PEACESAT collaborated with the U.S. Public Health Service to develop the PEACESAT Electronic Post Office Project. The PIHOA Secretariat is based at the University of Hawaii.

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Pacific Resources for Education and Learning (PREL)

PREL is an independent nonprofit with a focus on education and has a partnership with PEACESAT to provide a video teleconferencing network in each of the areas served by PREL. In the partnership PEACESAT provides the use of the GOES-7 satellite and PEACESAT earthstations and PREL provides the end-user equipment. Through the partnership with PEACESAT, PREL is able to carry out many different educational opportunities to PREL's service areas including American Samoa, the Commonwealth of the Northern Mariana Islands, the Federated States of Micronesia (Chuuk, Kosrae, Pohnpei, and Yap), Guam, the Republic of the Marshall Islands, and the Republic of Palau.

The State of Hawaii Telehealth Access Network (STAN)

STAN is a public-private telehealth and telemedicine network in the State of Hawaii and is administered by the Telecommunications and Information Policy Group (TIPG) and is the centralized hub for voice and video teleconferences through the PEACESAT network.

The Telecommunications and Information Policy Group (TIPG)

The Telecommunications and Information Policy Group (TIPG) serves as the umbrella organization encompassing PEACESAT, STAN and Pacific Partners Networks. Through the policies and procedures set by TIPG, PEACESAT is able to carry out the agreements and partnerships with different members of the PEACESAT network.

The University of Hawaii

The PEACESAT Headquarters is located at the University of Hawaii at the Manoa campus. Organizationally PEACESAT falls within the Telecommunications and Information Policy Group (TIPG) of the Social Science Research Institute (SSRI) of the College of Social Sciences.

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INTERNATIONAL INSTITUTIONS

MARINE-AIR SYSTEMS (MAS) OF NEW ZEALAND

Marine-Air Systems of New Zealand is recognized for their efforts in developing a low-cost terminal for PEACESAT. MAS was a small company when it first began its work with PEACESAT and has since grown into a publicly held corporation. Mr. Peter Williams, Mr. John Yaldwin, and Mr. John Leary (deceased) are credited as having designed and developed the PEACESAT earth station technology to meet the specifications and requirements of the PEACESAT Program.

NATIONAL INSTITUTE FOR MULTIMEDIA EDUCATION (NIME), Japan

The National Institute for Multimedia Education is a research institution of the Ministry of Education in Japan that focuses on multimedia education. NIME operates the Space Collaboration System (SCS) that consists of 123 research institutes and universities in Japan. NIME has collaborated with PEACESAT on several projects, including the PARTNERS project that used the Japan Experimental Test Satellite (ETS) and in application experiments such as the Satellite Applications Workshop (SAWS).

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The Sasakawa Pacific Island Nations Fund (SPINF)

The SPINF was created under the Sasakawa Peace Foundation as a private, non-profit foundation in order to perform projects within the Pacific Region. SPINF is dedicated to the widespread understanding of Pacific Island cultures and heritage as seen in cultural exchanges such as the Coconuts College seminars. SPINF recognized the need for assistance in public service telecommunication development and have supported numerous projects in ICT training for policy leaders, users and technical staff.

SASAKAWA PEACE FOUNDATION

The Sasakawa Peace Foundation of Japan has been a friend of PEACESAT for many years. The SPF funded the PEACESAT Policy Conference in Sendai, Japan in 1991. The PEACESAT Policy Conference brought together over 80 Pacific Islanders representing 22 Pacific Island economies to meet over public service telecommunication issues in the Pacific. The Conference was an important milestone for the PEACESAT Program.

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