

North Dakota for the purpose of identifying environmental concerns that need to be addressed in the EIS. Notice

of the times and locations of the meetings will be made available to the community using the local news media.

The schedule for the scoping meetings is as follows:

Date	Location	Time
June 10, 1997	Cavalier County Courthouse, Meeting Rm, 901 3rd Street Langdon, ND 58249	7:00–10:00 p.m.
June 11, 1997	Griggs County Central High School, 12th & Foster, Cooperstown, ND 58425	7:00–10:00 p.m.

The purpose of these meetings is to identify the environmental issues and concerns that should be analyzed in developing the EIS. Public input and comments are solicited concerning the environmental aspects of the proposed program. To assure the Air Force will have sufficient time to fully consider public inputs on issues, written comments should be mailed to ensure receipt no later than July 15, 1997.

Please direct written comments or requests for further information concerning the MM III system dismantlement EIS to: Lt Col Nancy L. Speake, USAF, P.E., HQ AFCEE/ECM, 3207 North Road, Brooks Air Force Base, TX 78235–5363, (210) 536–3069.

Carolyn A. Lunsford,

Air Force Federal Register Liaison Officer.

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DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Intent To Prepare an Environmental Impact Statement for the Enhancement of the Capability of the Pacific Missile Range Facility, Kauai, HI To Conduct Missile Defense Testing and Training Activities

SUMMARY: Pursuant to Section 102(2)(c) of the National Environmental Policy Act of 1969 as implemented in the Council on Environmental Quality regulations (40 CFR parts 1500–1508), the Department of the Navy announces its intent to prepare an Environmental Impact Statement (EIS) for the enhancement of the capability of the Pacific Missile Range Facility (PMRF), Kauai, Hawaii to conduct missile defense testing and training activities. Agencies invited to cooperate in the preparation of this EIS include the Department of the Army, Department of the Air Force, Ballistic Missile Defense Organization, Coast Guard, Department of the Interior, Department of Energy, Federal Aviation Administration, and the State of Hawaii.

The 42,000-square-mile range, located on the west and north side of Kauai and in the adjacent ocean area, is currently operated as a missile test and training

facility by the Navy. Congress has directed the Navy to develop a Theater Ballistic Missile Defense Program (TBMD). Implementing the program at PMRF is in accordance with the Senate Report 103–321 on the 1995 Defense Appropriations Bill, which designated PMRF as “the primary test range for the completion of Navy (TBMD) flight tests.”

The proposed action is to enhance the capability of PMRF to allow testing and training for the Navy’s TBMD program and for the overall DoD Theater Missile Defense (TMD) program. The no-action alternative is the continuation of PMRF’s current activities in support of existing DoD test and training programs. This EIS will examine environmental impacts of developing and operating potential launch sites and tracking stations/areas. Areas being considered for the launch and/or instrumentation sites include: (1) Kauai and the Hawaiian Islands, (2) other Pacific land-based support locations, and (3) ocean areas within and outside U.S. territorial waters.

The distances between PMRF and some of the locations under consideration may exceed limitations in current international agreements related to distances for target missile flights, but they will not exceed distances to the anticipated areas of operations. Any testing would comply with current U.S. policy concerning compliance with treaties and international agreements.

In accordance with Hawaii Revised Statutes (HRS) Chapter 343, the Governor of Hawaii has determined that an EIS is required. Since the State and Federal actions and decisions are interconnected, the analyses will be documented in a single joint EIS. The decisions to be made by the State of Hawaii are: (1) Whether to revise the existing restrictive easement with the Navy to extend the easement term from January 1, 2003 to December 31, 2030, and (2) Whether to extend and/or revise other Navy leases and concur with or grant approvals as may be required for Navy use of lands in the Northwestern Hawaiian chain, to support the enhancement of PMRF to facilitate development and testing of TMD systems.

The objective of the EIS is to describe and evaluate environmental impacts of existing activities at the range (the no-action alternative), describe the alternatives for enhancing the range for purposes of testing TBMD systems, and evaluate the environmental impacts from various enhancement alternatives. Environmental resource areas that will be addressed in the EIS include air quality; biological resources, including threatened and endangered species; cultural resources; geology and soils; hazardous materials and waste; health and safety; land use; noise; socioeconomics; transportation, including airspace; utilities; visual and aesthetic resources; and water quality.

The Navy will host four scoping meetings to solicit input on significant issues that should be addressed in the EIS. Each scoping meeting will provide opportunities for clarification of the EIS and alternatives and solicit input from representatives of government agencies and interested individuals. The Navy will set up information stations at these scoping meetings. Each information station will be attended by a Navy representative who will be available to answer questions from meeting attendees. Comments will be entered into the official record via written comment sheets available at each meeting. Written comments will also be accepted via mail or fax. Regardless of the commenting method chosen, all comments will receive the same attention and consideration during EIS preparation.

The four public scoping meetings will be held at the following times and locations: (1) June 17 from 4:00–8:00 pm at the Waimea Neighborhood Center, Waimea, Kauai; (2) June 19 from 4:00–8:00 pm at the Kilauea Neighborhood Center, Kilauea, Kauai; (3) June 21 from 1:00–4:00 pm at the Wilcox Elementary School Cafeteria, Lihue, Kauai; and (4) June 23 from 4:00–8:00 pm at the US Army Reserve Center Assembly Hall, Room 101, Ft. Schafter Flats, Ft. Schafter, Oahu.

ADDRESSES: Agencies and the public are encouraged to provide written comments. To be most helpful, comments should clearly describe specific issues or topics that the EIS

should address. Please mail written comments to: Vida Mossman, Pacific Missile Range Facility, P.O. Box 128, Kekaha, Kauai, Hawaii, 96752-0128, or send by facsimile at (808) 335-4660. Please postmark comments by June 23, 1997.

FOR FURTHER INFORMATION CONTACT:

Additional information concerning this notice may be obtained by contacting Vida Mossman, Pacific Missile Range Facility, P.O. Box 128, Kekaha, Kauai, Hawaii, 96752-0128, telephone (808) 335-4740.

Dated: May 20, 1997.

D. E. Koenig,

LCDR, JAG, USN, Federal Register Liaison Officer.

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DEPARTMENT OF DEFENSE

Department of the Navy

Notice of Government-Owned Inventions; Availability for Licensing

SUMMARY: The inventions listed below are assigned to the United States Government as represented by the Secretary of the Navy and are made available for licensing by the Department of the Navy.

Copies of patents cited are available from the Commissioner of Patents and Trademarks, Washington, D.C. 20231, for \$3.00 each. Requests for copies of patents must include the patent number.

Copies of patent applications cited are available from the National Technical Information Service (NTIS), Springfield, Virginia 22161 for \$6.95 each (\$10.95 outside North American Continent). Requests for copies of patent applications must include the patent application serial number. Claims are deleted from the copies of patent applications sold to avoid premature disclosure.

The following patents and patent applications are available for licensing:

Patent 5,459,754: SERIAL BIT PATTERN RECOGNIZER SYSTEM; filed 21 September 1994; patented 17 October 1995.//Patent 5,479,094: POLARIZATION INSENSITIVE CURRENT AND MAGNETIC FIELD OPTIC SENSOR; filed 24 April 1995; patented 26 December 1995.//Patent 5,528,611: REPETITIVELY Q-SWITCHED LASER PUMPED BY LASER DIODES AND Q-SWITCHED WITH AN INTRACAVITY VARIABLE SPEED MOVING APERTURE; filed 16 February 1995; patented 18 June 1996.//Patent 5,528,612: LASER WITH MULTIPLE GAIN ELEMENTS; filed 19

November 1993; patented 18 June 1996.//Patent 5,530,711: LOW THRESHOLD DIODE-PUMPED TUNABLE DYE LASER; filed 1 September 1994; patented 25 June 1996.//Patent 5,530,778: DIRECTION FINDING APPARATUS USING TUNABLE FIBER OPTIC DELAY LINE; filed 23 February 1995; patented 25 June 1996.//Patent 5,532,589: SUBSURFACE EXAMINATION OF NON-FERROUS MATERIAL FOR DETECTING CORROSION BY MEASURING MAGNETIC TRACTION; filed 24 May 1995; patented 2 July 1996.//Patent 5,532,700: PREPROCESSOR AND ADAPTIVE BEAMFORMER FOR ACTIVE SIGNALS OF ARBITRARY WAVEFORM; filed 16 March 1995; patented 2 July 1996.//Patent 5,537,624: DATA REPACKING CIRCUIT HAVING TOGGLE BUFFER FOR TRANSFERRING DIGITAL DATA FROM P1Q1 BUS WIDTH TO P2Q2 BUS WIDTH; filed 12 February 1991; patented 16 July 1996.//Patent 5,537,646: APPARATUS INITIALIZED FOR SELECTED DEVICE BASED UPON TIMING, INTERRUPT, AND DMA CONTROL COMMANDS WITHIN CONFIGURATION DATA PASSED FROM PROCESSOR TO TRANSFER DATA TO SELECTED DEVICE; filed 19 November 1992; patented 16 July 1996.//Patent 5,538,925: Si3N4 REINFORCED MONOCLINIC BAO.AL2O3.2SIO2 AND SRO.AL2O3.2SIO2 CERAMIC COMPOSITES; filed 14 August 1995; patented 23 July 1996.//Patent 5,539,411: MULTISTATIC RADAR SIGNATURE MEASUREMENT APPARATUS; filed 17 November 1995; patented 23 July 1996.//Patent 5,539,786: DIGITAL CIRCUIT FOR GENERATING A CLOCK SIGNAL; filed 31 July 1995; patented 23 July 1996.//Patent 5,539,960: CYLINDRICAL CONVEX DOORKNOB TERMINATION; filed 22 December 1987; patented 30 July 1996.//Patent 5,540,218: RESPIRATORY SYSTEM PARTICULARLY SUITED FOR AIRCREW USE; filed 5 December 1994; patented 30 July 1996.//Patent 5,541,946: LASER WITH MULTIPLE GAIN ELEMENTS PUMPED BY A SINGLE EXCITATION SOURCE; filed 31 October 1994; patented 30 July 1996.//Patent 5,543,204: BI-DIRECTIONALLY CORRUGATED SANDWICH CONSTRUCTION; filed 5 January 1995; patented 6 August 1996.//Patent 5,543,910: PASSIVE SUBMARINE RANGE FINDING DEVICE AND METHOD; filed 19 December 1994; patented 6 August 1996.//Patent 5,544,199: NON-ADAPTIVE PHASE-DIFFERENCE INTERFERENCE FILTER; filed 11 June 1991; patented 6 August

1996.//Patent 5,544,524: APPARATUS AND METHOD FOR PREDICTING FLOW CHARACTERISTICS; filed 20 July 1995; patented 13 August 1996.//Patent 5,545,517: SELECTIVE METAL ION DETECTION USING A PHOTOLUMINESCENT INDICATOR BINDING TO A MACROMOLECULE-METAL ION COMPLEX; filed 15 March 1994; patented 13 August 1996.//Patent 5,546,241: PROJECTOR SLIDES FOR NIGHT VISION TRAINING; filed 25 August 1994; patented 13 August 1996.//Patent 5,549,065: WATER VEHICLE AND A DIRECTIONAL CONTROL DEVICE THEREFOR; filed 27 March 1995; patented 27 August 1996.//Patent 5,549,991: ALUMINUM PERMANGANATE BATTERY; filed 30 November 1993; patented 27 August 1996.//Patent 5,550,425: NEGATIVE ELECTRON AFFINITY SPARK PLUG; filed 27 January 1995; patented 27 August 1996.//Patent 5,550,759: ADAPTIVE PARAMETER KERNEL PROCESSOR; filed 7 August 1995; patented 27 August 1996.//Patent 5,550,789: WATER TURBULENCE DETECTOR; filed 17 September 1971; patented 27 August 1996.//Patent 5,550,791: COMPOSITE HYDROPHONE ARRAY ASSEMBLY AND SHADING; filed 2 August 1995; patented 27 August 1996.//Patent 5,550,951: METRICS FOR SPECIFYING AND/OR TESTING NEURAL NETWORKS; filed 18 March 1993; patented 27 August 1996.//Patent 5,551,349: INTERNAL CONDUIT VEHICLE; filed 29 June 1995; patented 3 September 1996.//Patent 5,551,363: UNDERWATER VEHICLE AND A COMBINATION DIRECTIONAL CONTROL AND CABLE INTERCONNECT MEANS; filed 27 March 1995; patented 3 September 1996.//Patent 5,551,364: UNDERWATER VEHICLE AND COMBINATION DIRECTIONAL CONTROL AND CABLE INTERCONNECT DEVICE; filed 27 March 1995; patented 3 September 1996.//Patent 5,551,365: WATER VEHICLE AND A DIRECTIONAL CONTROL MEANS THEREFOR; filed 27 March 1995; patented 3 September 1996.//Patent 5,551,369: DUALCAVITATING HYDROFOIL STRUCTURES; filed 31 March 1995; patented 3 September 1996.//Patent 5,551,641: NON-PULPABLES COLLECTION CHAMBER WITH REMOVABLE BASKET FOR SOLID WASTE PULPERS; filed 30 September 1994; patented 3 September 1996.//Patent 5,551,875: LAND BASED SUBMARINE WEAPONS SYSTEM SIMULATOR WITH CONTROL PANEL TESTER AND TRAINER; filed 3 October 1994; patented 3 September 1996.//