



PACIFIC MISSILE RANGE FACILITY BARKING SANDS

The U.S. Navy's Pacific Missile Range Facility (PMRF), located along the west coast of Kaua'i Island, is the world's largest instrumented multi-environment range.



PMRF provides premier training and testing capabilities within an 1,100-square nautical mile instrumented underwater range; 42,000 square nautical miles of airspace; and, when needed, up to 2.1 million square nautical miles of operating space. PMRF is capable of simultaneously supporting surface, subsurface, air, and space operations. Portions of the 7-mile terrestrial footprint also provide premier training and testing opportunities. Infrastructure critical to ensuring

that testing and training activities carried out at the installation are safe and effective (i.e. outdoor night lighting, communication towers, utility lines) can result in impacts to seabirds protected under the Endangered Species Act (ESA), such as the 'a'o, or Newell's shearwater.

In an effort to improve the ecological baseline for these protected seabirds, PMRF is working proactively with Federal, state, nonprofit, and private conservation organizations to implement landscape-level predator control at an important breeding colony site within Kaua'i's remote Honopū Valley. The project will include the placement of artificial burrows, monitoring of colony productivity, predator and invasive species removal, and a native plant restoration component to sustain a healthy ecosystem. By creating a habitat for indigenous species to be protected and monitored off-base, PMRF is also able to carry out its mission safely and effectively. This unique project is part of a larger, multi-partner effort that leverages existing species recovery plans and an island-wide predator control program, and will contribute significantly to efforts to reverse currently declining population trends.

BENEFIT SUMMARY

COMMUNITY

- Protects threatened and endangered species
- Brings together new partners

MILITARY

- Improves operational safety
- Prevents additional training restrictions and unrealistic workarounds

FAST FACTS FROM FY 2019 THROUGH FY 2024 | Project Status: Initiated

Authority	Transactions	Acres Protected, Managed, or Improved	Total Funds Expended
10 U.S.C. § 2684a	—	—	—
Other (e.g., Sikes Act, IGSA)	1	264	\$7.6 million
TOTAL	1	264	\$7.6 million

Subtotals may not sum to combined totals due to rounding. | This project has expended REPI funds to support the ongoing management or improvement of lands outside the installation.



Aerial view of Pacific Missile Range Facility Barking Sands (top). Pacific Missile Range Facility is working with partners to establish predator-exclusion fencing around one of the last remaining breeding colonies for the 'a'o/Newell's shearwater, 'ua'u/Hawaiian Petrel, and 'akē'akē/band-rumped storm-petrel (bottom).

KEY PARTNERS

- American Bird Conservancy
- Archipelago Research and Conservation
- City and County of Kaua'i
- Coastal Conservation League
- Hallux Ecosystem Restoration
- Hawai'i Division of Forestry and Wildlife
- Hawai'i Division of State Parks
- Kaua'i Island Utilities Commission
- Kekaha Agriculture Association
- National Fish and Wildlife Foundation
- National Oceanic and Atmospheric Administration
- Natural Resources
- North Carolina Coastal Federation
- Pacific Rim Conservation
- State of Hawai'i Agribusiness Development Corporation
- State of Hawai'i Department of Land and
- U.S. Fish and Wildlife Service—Kaua'i National Wildlife Refuge Complex

CONTACT

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