



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
NATIONAL MARINE FISHERIES SERVICE/NOAA FISHERIES

Pacific Islands Fisheries Science Center
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CRUISE REPORT¹

VESSEL: *Oscar Elton Sette*, Cruise 05-06 (OES-28)

CRUISE PERIOD: May 5 to May 20, 2005

AREA OF OPERATION: Northwestern Hawaiian Islands (Fig. 1)

TYPE OF OPERATION: Protected Species Division Monk Seal Field camp deployment

ITINERARY:

- 5 May Embarked C. Yoshinaga, C. Vanderlip, M. Cahoon, T. Wurth, N. Teeples, J. Higgins, E. Moreland, H. Finn, J. Lopez, T. McGuire, and K. Flynn. Departed Snug Harbor, Honolulu at 1600 en route to French Frigate Shoals (FFS) (2 days, 1 hour).
- 8 May Arrived FFS 0800. Disembarked Higgins and McGuire. Off-loaded equipment and supplies including one 17-ft Boston Whaler boat and eight empty pallet tubs. Departed FFS 1600 en route to Laysan Island (1 day, 9 hours).
- 10 May Arrived Laysan Island 0800. Off-loaded equipment and supplies. Embarked M. Reynolds and S. Kropidowski. Departed Laysan Island 1600 en route to Lisianski Island (12 hours).
- 11 May Arrived Lisianski Island. Off-loaded equipment and supplies. Disembarked Moreland. Embarked J. Sprague. Departed Lisianski 1600 en route to Pearl and Hermes Reef (15 hours).
- 12 May Arrived Pearl and Hermes Reef 0800. Off-loaded equipment and supplies including one 18-ft Rigid Hull Inflatable Boat, one 15-ft EdgeWater boat and five 55-gal drums unleaded gasoline. Disembarked Cahoon, Teeples, and



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Finn. Reynolds and Kropidlowski conducted a U.S. Fish and Wildlife Service (USFWS) survey on Pearl and Hermes during the Marine Mammal Research Program (MMRP) camp off-load. Departed Pearl and Hermes Reef 1900 en route to Midway Atoll (9 hours).

- 13 May Arrived Midway Atoll 0800. Off-loaded equipment and supplies, including one 30-hp outboard engine. Disembarked Sprague and Reynolds. Departed Midway Atoll 1600 en route to Kure Atoll (6 hours).
- 14 May Arrived Kure Atoll 0800. Off-loaded equipment and supplies including one 55-gal drum of unleaded gasoline, one 13-ft Boston Whaler boat, and one 17-ft Twin Vee boat. Disembarked Wurth, Vanderlip, Flynn, and Lopez. Departed Kure Atoll 1600 en route to FFS (3 days, 11 hours).
- 18 May Arrived FFS 0800. Loaded 16 pallet tubs of trash and recyclables. Disembarked Kropidlowski. Departed FFS 1200 en route to Honolulu (2 days, 6 hours).
- 20 May Arrived Honolulu 1700. Off-loaded all supplies, equipment, trash and recyclables. Disembarked all scientists. End of cruise.

MISSIONS AND RESULTS:

- A. Establish field camps at Pearl and Hermes Atoll, Midway Atoll, and Kure Atoll. Transport all equipment, supplies, and personnel.

All field camps were deployed successfully.

- B. Resupply existing National Marine Fisheries Service field camps at Laysan Island, Lisianski Island, and FFS.

All supplies were off-loaded successfully.

- C. Resupply existing USFWS field camps at Laysan Island. Transport equipment, supplies, and personnel.

All equipment and supplies were transported and off-loaded successfully.

- D. Conduct conductivity-temperature-depth (CTD) casts opportunistically.

Nine CTD casts were conducted successfully at designated locations within the Northwestern Hawaiian Islands.

**SCIENTIFIC
PERSONNEL:**

Chad Yoshinaga, Chief Scientist, Pacific Islands Fisheries Science Center (PIFSC),
National Marine Fisheries Service (NMFS)

Jean Higgins, Cooperating Scientist, Aquatic Farms

Maire Cahoon, Cooperating Scientist, Aquatic Farms

Jonathan Sprague, Cooperating Scientist, Aquatic Farms

Nicole Teeple, Cooperating Scientist, Aquatic Farms

Tracy Wurth, Cooperating Scientist, Aquatic Farms

Hugh Finn, Cooperating Scientist, Aquatic Farms

Jessica Lopez, Cooperating Scientist, Aquatic Farms

Tamara McGuire, Cooperating Scientist, Aquatic Farms

C Vanderlip, Wildlife Biologist, DOFAW

Karin Flynn, Cooperating Scientist, DOFAW

Michelle Reynolds, Cooperating Scientist, U.S. Fish and Wildlife Service (USFWS)

Stephan Kropidowski, Cooperating Scientist, USFWS

(/s/Chad Yoshinaga)

Submitted by: _____

Chad Yoshinaga

Chief Scientist

(/s/Samuel G. Pooley)

Approved by: _____

Samuel G. Pooley

Science Director

Pacific Islands Fisheries Science Center

Attachment

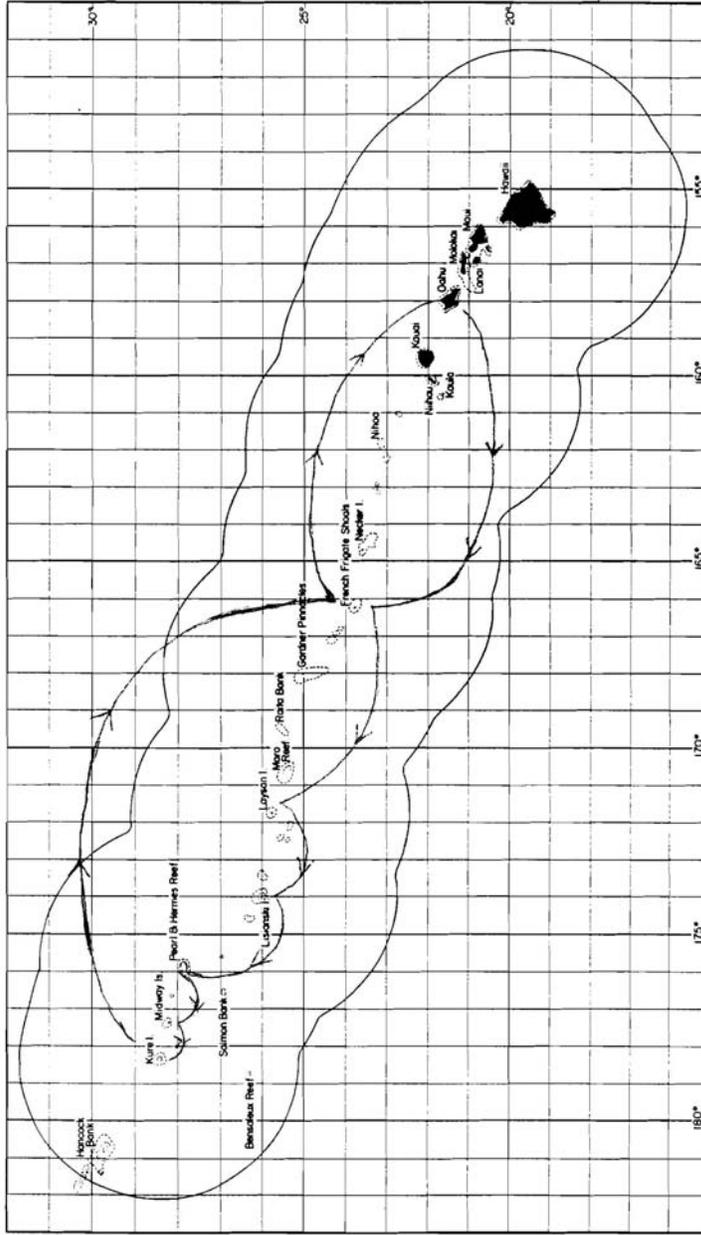


Figure 1.--Track of the NOAA ship Oscar Elton Sette cruise OES-05-06 (OES-28), May 5-20, 2005.