



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

Pacific Islands Fisheries Science Center  
2570 Dole St. • Honolulu, Hawaii 96822-2396  
(808) 983-5300 • Fax: (808) 983-2902

## **CRUISE REPORT<sup>1</sup>**

**VESSEL:** *Oscar Elton Sette*, Cruise 06-04 (OES-40)

**CRUISE PERIOD:** April 6-17, 2006

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

**TYPE OF OPERATION:** Protected Species Division (PSD) Monk Seal Field Camp Deployment

### **ITINERARY:**

- 6 April Embarked C. Yoshinaga, K. Vickery, G. Johnson, M. Fowler, J. Higgins, and V. DeCamp. Departed Snug Harbor, Honolulu at 1000 en route to Lisianski Island (3 days, 22 hours).
- 10 April Arrived Lisianski Island at 0800. Off-loaded equipment and supplies. Disembarked Johnson, Higgins, and DeCamp. Departed Lisianski Island 1600 en route to Laysan Island (13 hours).
- 11 April Arrived Laysan Island at 0800. Off-loaded equipment and supplies. Disembarked Fowler. Embarked Storm, Owen, Leopold, Day, Rehkemper, Marston, Payne, Turner, Breeden, Tangalin, and LeGrand. Departed Laysan Island at 1700 en route to Lisianski Island (13 hours).
- 12 April Arrived Lisianski Island 0700. Embarked Johnson. Departed 0800 en route to Laysan Island (12 hours).
- 13 April Arrived Laysan Island 0700. Disembarked Johnson. Departed Laysan Island 0800 en route to French Frigate Shoals (FFS) (1 day, 13 hours).



---

<sup>1</sup> PIFSC Cruise Report CR-06-016  
Issued 9 June 2006

- 14 April Arrived FFS at 1800. Launched SAFE Boat. Off-loaded equipment and supplies, including one 17-ft Boston Whaler boat. Disembarked Storm, Owen, Leopold, and Day. Departed FFS at 2000 en route to Honolulu (2 days, 6 hours).
- 17 April Arrived Honolulu at 0800. Off-loaded trash and recyclables. Disembarked all scientific personnel. End of cruise.

### **MISSIONS AND RESULTS:**

- A. Establish field camps at Laysan Island and Lisianski Island. Transport all equipment, supplies, and personnel.
- All field camps were deployed successfully.
- B. Resupply National Marine Fisheries Service field camp at Tern Island, FFS.
- All equipment were transported successfully.
- C. Resupply existing U.S. Fish and Wildlife Service field camps at Laysan Island and FFS.
- All supplies were transported successfully.
- D. Conduct conductivity-temperature-depth (CTD) casts opportunistically.
- Seven CTD casts were conducted successfully in designated locations within the Northwestern Hawaiian Islands.
- E. Conduct cetacean surveys during transit days.
- Surveys were deemed not pertinent to this cruise mission per PSD team leader.

### **SCIENTIFIC PERSONNEL:**

Chad Yoshinaga, Chief Scientist, Pacific Islands Fisheries Science Center (PIFSC),  
National Marine Fisheries Service (NMFS)  
Kuulei Vickery, Volunteer, NMFS  
Gretchen Johnson, Cooperating Scientist, Aquatic Farms  
Melinda Fowler, Cooperating Scientist, Aquatic Farms  
Jean Higgins, Cooperating Scientist, Aquatic Farms  
Veronica DeCamp, Cooperating Scientist, Aquatic Farms  
Brad Storm, Cooperating Scientist, U.S. Fish and Wildlife Service (USFWS)  
Scott Owen, Cooperating Scientist, USFWS  
Devin Leopold, Cooperating Scientist, USFWS

James Day, Cooperating Scientist, USFWS  
Cindy Rehkemper, Biological Science Tech, USFWS  
Sally Marston, Biological Science Tech, USFWS  
Kevin Payne, Biological Science Tech, USFWS  
Carissa Turner, Cooperating Scientist, USFWS  
Jimmy Breeden, Cooperating Scientist, USFWS  
Carl A. de Mastrie, Cooperating Scientist, USFWS

Submitted by: (/s/Chad Yoshinaga)  
\_\_\_\_\_

Chad Yoshinaga  
Chief Scientist

Approved by: (/s/Samuel G. Pooley)  
\_\_\_\_\_

Samuel G. Pooley  
Science Director  
Pacific Islands Fisheries Science Center

Attachment

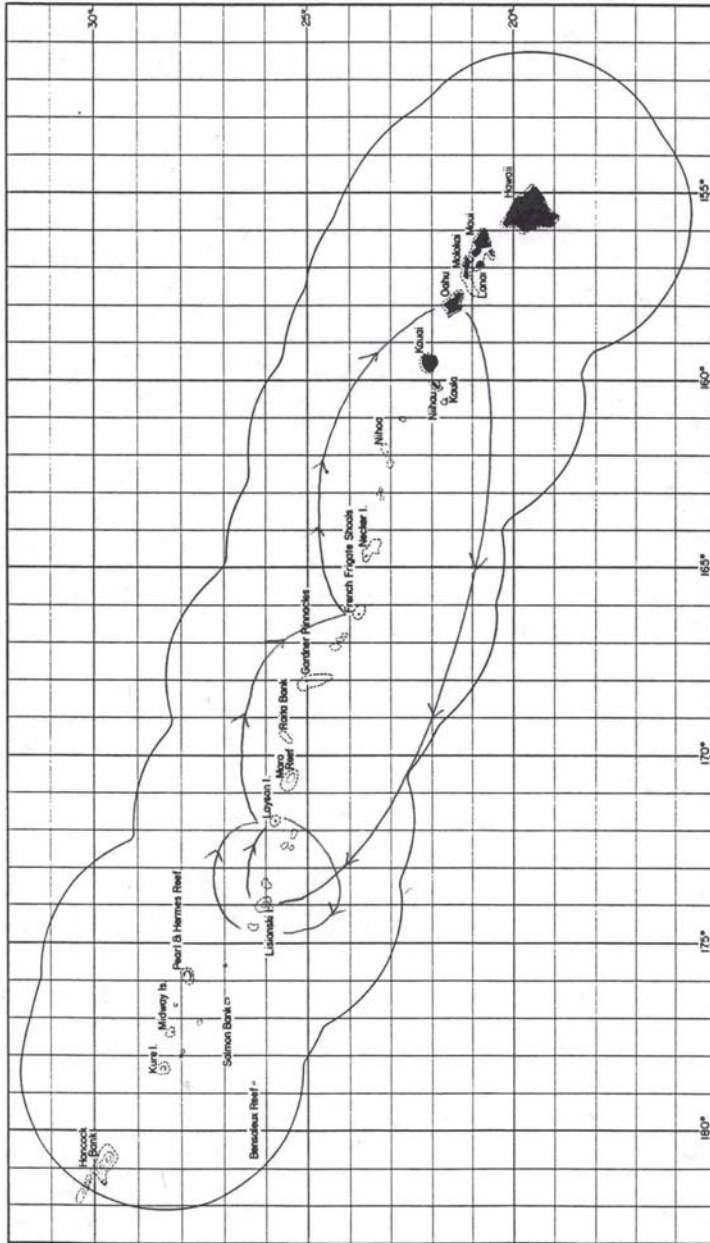


Figure 1.--Track of the NOAA ship Oscar Elton Sette Cruise OES-06-04 (OES-40), April 6-17, 2006.