

June 21, 1999 F/SWC2:CY:JLK  
CR9906.CY

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

**VESSEL:** *Townsend Cromwell*, Cruise 99-06 (TC-244)

**CRUISE**

**PERIOD:** May 15-31, 1999

**AREA OF**

**OPERATION:** Northwestern Hawaiian Islands

**TYPE OF**

**OPERATION:** To support field camps and transport personnel of the Honolulu Laboratory Protected Species Investigation (PSI), Marine Mammal Research Program (MMRP), and the U.S. Fish and Wildlife Service (USFWS).

**ITINERARY:**

- 15 May Embarked Jason Baker, Birgit Buhleier, Mitch Craig, David Gummesson, Irene Kinan, Jane McKenzie, Michelle Reynolds, Melissa Shaw, Michelle Wainstein, Kate Willis, and Chad Yoshinaga. Departed Snug Harbor at 1300 and proceeded towards Necker Island.
- 17 May Arrived at Necker Island 0900. Disembarked Baker, Craig, and Shaw to conduct day census of island. Embarked Baker, Craig, and Shaw at 1530. Departed Necker Island for Frigate Shoals at 1600.
- 18 May Arrived at French Frigate Shoals at 0900. Off-loaded equipment and supplies. Disembarked Craig, Shaw, McKenzie, and Buhleier. Departed French Frigate Shoals for Laysan Island at 1600.
- 20 May Arrived at Laysan Island at 0730. Off-loaded equipment and supplies. Disembarked Baker and Reynolds. Departed Laysan Island for Lisianski Island at 1600.

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<sup>1</sup>This is a combined Cruise and Narrative report.

- 21 May Arrived at Lisianski Island at 0800. Off-loaded equipment and supplies. Departed Lisianski Island for Midway Atoll at 1300.
- 22 May Arrived Midway Atoll 1200. Embarked Ray Boland Andrew McClung, and Samantha Whitcraft.
- 23 May Departed Midway Atoll 1700 for Kure Atoll.
- 24 May Arrived at Kure Atoll 0800. Off-loaded equipment and supplies. Disembarked Kinan, Gummeson, and Whitcraft. Conducted survey of reef debris and shipwreck site. Departed Kure Island for Pearl and Hermes Reef at 1600.
- 25 May Arrived at Pearl and Hermes Reef at 0900. Off-loaded equipment and supplies. Disembarked Yoshinaga, McClung, Wainstein, and Willis. Departed Pearl and Hermes Reef for Laysan Island at 1600.
- 26 May Arrived Laysan Island 1600. Loaded trash, debris, and recyclables. Embarked Baker. Departed Laysan Island 2000 for Honolulu
- 31 May Arrived Snug Harbor 0700. Off-loaded recyclables and trash. Disembarked Baker and Boland. End of cruise.

#### **MISSIONS AND RESULTS:**

- A. Conduct a seal survey at Necker Island
- PSI personnel censused seals at Necker Island.
- B. Resupply and transport personnel to field station at Tern Island, French Frigate Shoals.
- All equipment, supplies and personnel were transported to and from Tern Island, FFS.
- C. Transport equipment, and supplies, to existing PSI field camps, and establish new camps.
- Supplies were delivered to existing PSI field camps at Laysan and Lisianski Islands. Camps were established at Pearl and Hermes Reef and Kure Atoll.
- D. Conduct preliminary debris survey at Kure Atoll.
- A debris survey was conducted in the vicinity of the shipwrecked *Paradise Queen II*, including outside the barrier reef, within the reef shallows, and the immediate shoreline.

**SCIENTIFIC  
PERSONNEL:**

Chad Yoshinaga, Chief Scientist, Joint Institute for Marine and  
Atmospheric Research (JIMAR)  
Jason Baker, Wildlife Biologist, NMFS, SWFSC, HL  
Raymond Boland, Cooperating Scientist, JIMAR  
Birgit Buhleier, Cooperating Scientist, National Geographic  
Society  
Mitch Craig, Cooperating Scientist, JIMAR  
David Gummeson, Cooperating Scientist, JIMAR  
Irene Kinan, Cooperating Scientist, JIMAR  
Andrew McClung, Cooperating Scientist, University of Hawaii  
Jane McKenzie, Cooperating Scientist, JIMAR  
Michelle Reynolds, Cooperating Scientist, USFWS  
Melissa Shaw, Cooperating Scientist, JIMAR  
Michelle Wainstein, Cooperating Scientist, JIMAR  
Samantha Whitcraft, Cooperating Scientist, Hawaii Department of  
Land and Natural Resources  
Kate Willis, Cooperating Scientist, JIMAR

Submitted by:

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Chad Yoshinaga  
Chief Scientist

Approved by:

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R. Michael Laurs  
Director, Honolulu Laboratory

Attachment