NARRATIVE REPORT

VESSEL: Townsend Cromwell, Cruise 96-08 (TC-211)

CRUISE PERIOD: July 21-August 6, 1996

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

TYPE OF OPERATION: Support field camps and transport personnel of the Protected Species Investigation, Marine Mammal Research Program (MMRP), and the U.S. Fish and Wildlife Service (USFWS)

ITINERARY:


22 July - Arrived Nihoa Island 0920. Contacted USFWS crew regarding possible removal of camp.

23 July - Departed Nihoa Island 0830 unable to remove camp. Camp support shifted to the U.S. Coast Guard.

24 July - Arrived FFS 0930. Off-loaded supplies including 3 BBB gasoline. Departed FFS 2220 for Laysan Island.


27 July - Arrived Pearl and Hermes Reef 0830. Loaded field camp equipment including 2 BBB gasoline, 17' Whaler and 12' Whaler. Embarked Chad Yoshinaga, Irene Kinan, Christine Vitulli, and Allison Veit.

This is a combined cruise and narrative report.
Departed Pearl and Hermes Reef 1900 for Kure Atoll.


02 August - Arrived Gardner Pinnacles 1700. Conducted seal census via small boat. Departed Gardner Pinnacles 1900 for FFS.


04 August - Arrived Necker Island 0745. Conducted seal census. Departed Necker Island 1510 for Honolulu, HI.


MISSIONS AND RESULTS:

A. Disband field camps at Pearl and Hermes Reef, Kure Atoll, Lisianski Island, and Laysan Island.

Field camps were successfully disbanded. Equipment and supplies were loaded and field personnel embarked.

B. Transport field equipment and personnel to French Frigate Shoals.

Equipment and personnel were successfully transported, and personnel were disembarked.
C. Transport supplies and personnel to field camp at Laysan Island.

Supplies and personnel were successfully transported.

D. Conduct census of seals at Necker Island.

A seal census was successfully conducted at Necker Island and Gardner Pinnacles.

RECORDS:

The following forms, logs, charts, and data records were kept and given to the Honolulu Laboratory upon termination of the cruise. These include all data captured onto computer storage media during the cruise. All the records are filed there unless indicated otherwise in parenthesis.

ADCP DOPPLER ping data files on 10 Mb BERNOULLI disk cartridges
Marine Observations Log (NOAA)
Occurrence of Birds, Aquatic Mammals and Fish Schools
Pacific Dolphin Project-Marine Mammal Sighting Form
SCS MicroVAX data files on magnetic tape

SCIENTIFIC PERSONNEL:

Suzanne M. Russell, Chief Scientist, National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center (SWFSC), Honolulu Laboratory (HL), NOAA Corps
Brenda Becker, Research Assistant, NMFS, SWFSC, HL
Chad A. Yoshinaga, University of Hawaii (UH), Joint Institute for Marine and Atmospheric Research (JIMAR)
Irene Kinan, UH, JIMAR
Christine Vitulli, UH, JIMAR
Allison Veit, UH, JIMAR
Lucy Keith, UH, JIMAR
Lance Jeffery, UH, JIMAR
Jill Pettinger, UH, JIMAR
Joy Seymour, UH, JIMAR
Kate McFadden, UH, JIMAR
Kara Blake, UH, JIMAR
Matthew Rutishauser, UH, JIMAR
Josh Adams, UH, JIMAR
Hannahrose Nevins, UH, JIMAR
Rebecca Bernard, U.S. Fish and Wildlife Service (USFWS)
Nathan Johnson, USFWS
Amber Pairis, USFWS
Michael Schultz, USFWS
Sandra Tauer, Teacher-at-Sea
Sarah Clemmitt, Teacher-at-Sea
Steve Johnson, Teacher-at-Sea
Submitted by: Suzanne M. Russell
Chief Scientist

Approved by: R. Michael Laurs
Director, Honolulu Laboratory

Attachment