

August 26, 1996

F/SWC2:SMR:FLF
CR9608-1.SMR

NARRATIVE REPORT¹

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:

- 21 July - Embarked Suzanne Russell, Amber Pairis, Michael Schultz, Sandra Tauer, Sarah Clemmitt, and Steve Johnson. Departed Snug Harbor 1018 for Tern Island, French Frigate Shoals (FFS).
- 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.
- 25 July - Arrived Laysan Island 1810. Off-loaded supplies and refilled camp water containers. Disembarked Amber Pairis and Michael Schultz. Departed Laysan 2100 for Pearl and Hermes Reef.
- 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.

¹This is a combined cruise and narrative report.

- Departed Pearl and Hermes Reef 1900 for Kure Atoll.
- 28 July - Arrived Kure Atoll 0900. Loaded field camp equipment including 14' Whaler. Embarked Lucy Keith, Jill Pettinger, and Lance Jeffery. Departed Kure Atoll 1840 for Midway Atoll.
- 29 July - Arrived Midway Atoll 0900. Disembarked Tauer, Clemmitt, Johnson, Yoshinaga, Kinan, Vitulli, Keith, Pettinger, and Jeffery. Departed Midway Atoll 1920 for Lisianski Island.
- 31 July - Arrived Lisianski Island 0830. Loaded field camp equipment. Embarked Joy Seymour, Kara Blake, and Kate McFadden. Departed Lisianski Island 1600 for Laysan Island.
- 01 August - Arrived Laysan Island 0820. Loaded field camp equipment. Embarked Brenda Becker, Matthew Rutishauser, Josh Adams, Hannahrose Nevins, Rebecca Bernard, and Nathan Johnson. Departed Laysan Island 1630 for Gardner Pinnacles.
- 02 August - Arrived Gardner Pinnacles 1700. Conducted seal census via small boat. Departed Gardner Pinnacles 1900 for FFS.
- 03 August - Arrived FFS 0918. Off-loaded 2 BBB gasoline. Loaded recyclable materials. Disembarked Allison Veit. Departed FFS 2030 for Necker Island.
- 04 August - Arrived Necker Island 0745. Conducted seal census. Departed Necker Island 1510 for Honolulu, HI.
- 06 August - Arrived Honolulu 1430. Disembarked Russell, Seymour, Blake, McFadden, Becker, Adams, Nevins, Rutishauser, Bernard, and Johnson. End of cruise.

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