

August 30, 2000 F/SWC2:JRH:JLB
CR9209-3.JRH

CRUISE REPORT

VESSEL: *Townsend Cromwell*, Cruise 92-09 (TC-177)

CRUISE PERIOD: October 5-15, 1992

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

TYPE OF OPERATION: Marine Mammal Research Program (MMRP) and University of Hawaii (UH) staff and supplies were transported from Honolulu and French Frigate Shoals (FFS) to Midway Atoll. Nine immature Hawaiian monk seals, *Monachus schauinslandi*, were transported from FFS to Midway Atoll. U.S. Fish and Wildlife Service (USFWS) staff, equipment, and supplies, and U.S. Navy Construction Battalion (USNCB) personnel were transported to FFS, and USFWS equipment was transported from FFS to Midway Atoll and Honolulu.

ITINERARY:

5 October Start of Cruise. Embarked John R. Henderson (MMRP), Shannon K. Atkinson (UH), Leona P. Laniawe (USFWS), Mark J. Biershenck (USNCB), Joyce M. Davis (USNCB), Terry L. Gripp (USNCB), James L. Schneider (USNCB), Kelly J. Smith (USNCB), and Gregory J. Weaver (USNCB). Departed Snug Harbor, Honolulu at 1000 HST.

7 October Arrived Tern Island, French Frigate Shoals 0800 HST. Offloaded equipment and supplies; loaded equipment and nine immature Hawaiian monk seals. Disembarked Biershenck, Davis, Gripp, Laniawe, Schneider, Smith, and Weaver. Embarked Steven L. Gregg (MMRP), Heather L. Johnston (MMRP), John R. Klavitter (MMRP), and Molly B. Tarleton (MMRP). Departed for Midway at 1630 HST.

- 10 October Arrived Midway Atoll 0700 (Midway time).
Offloaded equipment and seals. Disembarked
Atkinson, Gregg, Henderson, Johnston, and
Klavitter. Departed 1300 (Midway time).
- 15 October Arrived Snug Harbor, Honolulu 0700 (HST).
Offloaded equipment; disembarked Tarleton. End of
cruise.

MISSIONS AND RESULTS:

- A. Transport MMRP staff, materials, and supplies from Honolulu to FFS and from FFS to Midway.

Staff and equipment were transported from Honolulu and FFS to Midway. Three bbl (165 gal) of gasoline bound for FFS were lost en route. Two bbl (100 gal) were replaced from ship's reserves.

- B. Transport 10 Hawaiian monk seals from FFS to Midway.

Nine Hawaiian monk seals were transported from FFS to Midway. The tenth seal died at FFS on 5 October, two days prior to the ship's arrival.

- C. Transport USNCB personnel and USFWS equipment, supplies, and personnel from Honolulu to FFS, and from FFS to Midway and Honolulu.

All USFWS equipment, supplies, and personnel were transported successfully to FFS, Midway, and Honolulu.

- D. General observations and miscellaneous activities.

1. Bird flock, fish school, and marine mammal sightings were recorded by the ship's officers and crew during daylight hours when possible.
2. Standard weather observations were made at 0000, 0600, 1200, and 1800 (G.m.t.) by the ship's officers and crew.
3. ADCP Doppler profile data were automatically collected throughout the cruise.

SCIENTIFIC PERSONNEL:

John R. Henderson, Chief Scientist, National Marine Fisheries Service (NMFS), Southwest Fisheries Science Center (SWFSC), Honolulu Laboratory (HL).

Shannon K. Atkinson, Associate Researcher, University of Hawaii
Mark J. Biershenck, Cooperator, U.S. Navy Construction Battalion
(USNCB)

Joyce M. Davis, Cooperator, USNCB
Terry L. Gripp, Cooperator, USNCB
Steven L. Gregg, Research Assistant, NMFS, SWFSC, HL
Heather L. Johnston, Research Assistant, NMFS, SWFSC, HL
John R. Klavitter, Research Assistant, NMFS, SWFSC, HL
Leona P. Laniawe, Cooperator, U.S. Fish and Wildlife Service
James L. Schneider, Cooperator, USNCB
Kelly J. Smith, Cooperator, USNCB
Molly B. Tarleton, Volunteer, NMFS, SWFSC, HL
Gregory J. Weaver, Cooperator, USNCB

Submitted by: _____
John R. Henderson
Chief Scientist

Approved by: _____
George W. Boehlert
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Attachment