



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

Pacific Islands Fisheries Science Center
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April 11, 2016

MEMORANDUM FOR: MOC – CDR Matthew J. Wingate *mfw*
 Commanding Officer

FROM: F/PIC -Michael Saki *Michael Saki*
 PIFSC Director

SUBJECT: Change No. 1 - Amendment to final project instructions, *Hi'ialakai*
 project HA 16-03

Please amend the subject project instructions dated March 9, 2016, as follows:

I. Overview

F. Personnel/Science Party: name, title, gender, affiliation, and nationality

Remove the following personnel:

Name (Last, First)	Title	Date Aboard	Date Disembark	Gender	Affiliation	Nationality
Bayless, Alexandra	JIMAR cetacean biologist	4/27/2016	5/13/2016	F	JIMAR	USA
Burns, Michael	JIMAR response technician	4/17/2016	4/25/2016	M	JIMAR	USA

Change dates for the following personnel:

Name (Last, First)	Title	Date Aboard	Date Disembark	Gender	Affiliation	Nationality
Barcina, Keelan	JIMAR biological research technician	4/17/2016	4/21/2016	M	JIMAR	USA
Brack, Jon	JIMAR biological research assistant	4/17/2016	4/25/2016	M	JIMAR	USA
Younstrom, Sadie	JIMAR biological research technician	4/17/2016	4/25/2016	F	JIMAR	USA

II. Operations

A. Project Itinerary:

- 21 April **French Frigate Shoals:** Morning arrival at FFS. Disembark Sullivan, Barcina, Nichols, Hilliard, Hughes, and Lyons, and deploy additional day personnel to assist in camp set up. Offload equipment and supplies including 1 17-ft Boston Whaler, 1 6-m RHIB, 9 55-gal drums of gasoline, 8 bins frozen bait, 24 (replacing TBD) propane tanks, and 170 5-gal water jugs. Possible transport and release of 3 rehabilitated seals. Afternoon recover shore personnel and depart en route to Laysan Island. Fill 100 water jugs en route.
- 25 April **Pearl and Hermes Reef:** Morning arrival at PHR. Disembark Youngstrom, Brack, White, and Surgent and deploy additional personnel to assist with camp set up. Offload equipment and supplies including one 5-meter inflatable boat, one 5.5-meter RHIB, 5 pallet tubs, buckets, 100 5-gal water jugs, and 7 55-gallon drums of gasoline. Afternoon recover shore personnel.
- 4 May **Pearl and Hermes Reef:** Continue work at PHR. Deploy shore team to retag seals. Deploy marine debris team to collect shore debris. Possible collection of monk seal rehabilitation candidates. Load land debris. Afternoon depart en route to Lisianski Island.
- 12 May **Kona:** If rehab seals were collected at any site, they will be taken to the rehabilitation facility in Kona. Arrive Honokohau Harbor. Deploy small boat and seal team with juvenile seals to meet seal team on shore. Disembark Barbieri and Kauffman if seals are being dropped off. Transit to HARP deployment site and deploy HARP. Depart en route to Pearl Harbor after seal transfer is complete.

C. Operations to be conducted:

HARP

The project will support the PSD Cetacean Research Program by opportunistically deploying (no longer recovering) High-frequency Acoustic Recording Packages (HARPs) off the island of Hawaii near Kona. This will be done directly by the ship using the aft crane J Frame, or A frame, or by small boat, to be determined by the Chief Scientist, Chief Boatswain, and Operations Officer. HARP location is 19-34.985 N, 156-00.939 W.

III. Equipment

A. Equipment and Capabilities provided by the ship (itemized)

Capabilities: It is requested that the ship provide the following:

- Support from the Engineering and Deck departments prior to sailing to transfer 1000 gallons (replacing TBD) of program-provided gasoline into the ship's hip tanks to be used as outboard engine fuel during the project and to be deployed to field camps. The gasoline will be delivered by truck and may be pumped directly into the deck tanks and drums. Empty drums will be provided to pump gas into to deploy to the islands.