

Papahānaumokuākea Marine National Monument Permit Application Cover Sheet

This Permit Application Cover Sheet is intended to provide summary information and status to the public on permit applications for activities proposed to be conducted in the Papahānaumokuākea Marine National Monument. While a permit application has been received, it has not been fully reviewed nor approved by the Monument Management Board to date. The Monument permit process also ensures that all environmental reviews are conducted prior to the issuance of a Monument permit.

Summary Information

Applicant Name: Charles Littnan

Affiliation: National Marine Fisheries Service

Permit Category: Research

Proposed Activity Dates: 13 May to 31 Aug 2010

Proposed Method of Entry (Vessel/Plane): Vessel

Proposed Locations: French Frigate Shoals, Laysan Island, Lisianski Island, Pearl and Hermes Reef, Midway Atoll, Kure Atoll

Estimated number of individuals (including Applicant) to be covered under this permit:

5

Estimated number of days in the Monument: 50

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...
provide the first high resolution topographic maps for land areas in the Monument.

b.) To accomplish this activity we would
collect high-resolution geodetic differential GPS (dGPS) data at the proposed locations in order to generate detailed Digital Elevation Models (DEMs). Specifically, the surveys will include all accessible subaerial areas within each atoll including coralline and secondary sandy islands in accordance with provisions to protect local flora and fauna.

c.) This activity would help the Monument by ...
providing high-resolution Digital Elevation Models and GIS raster layers for the NWHI that will serve as baseline datasets for documenting current topographic conditions and characteristics. The methods established will establish protocols for future monitoring of sea level rise and other impacts on terrestrial habitats.