

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: Kalewa Correa

Affiliation: NOAA PMNM

Permit Category: Special Ocean Use

Proposed Activity Dates: May 15, 2013 - May 15, 2014

Proposed Method of Entry (Vessel/Plane): Vessel & Plane

Proposed Locations: Nihoa; Mokumanamana; French Frigate Shoals; Laysan Island; Lisianski Island; Pearl & Hermes Atoll; Kure Atoll.

Estimated number of individuals (including Applicant) to be covered under this permit: 1

Estimated number of days in the Monument: ~30 (variable depending on ship schedule availability)

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

Use Google Streetview Trekker Backpack to digitally record spatial imagery of islands and atolls for the Google Streetview and UNESCO World Heritage Galleries. Working with equipment provided from Google's Streetview team I would collect 3D imagery from different islands/atolls in the Monument that would be used for an immersion exhibit at Mokupapapa Discovery Center, Google Streetview and Google Earth, for access by the general public. Footage/data obtained would be in the ownership of Google, Inc., however PMNM Co-Trustees would retain non-exclusive use of all data/footage for use in educational and outreach products, or other derivative works.

b.) To accomplish this activity we would

Use the Google Trekker Backpack to capture imagery. The Trekker Backpack is a 360 degree backpack camera setup used to capture 3D images. The backpack uses fifteen HD phone camera lenses transmitting images and geolocation to a Linux server that is powered by a rechargeable Lithium-ion battery pack. Images are stored to a solid state hard drive which is then sent to Google staff in California for image stitching. Image

collection would be under the direct supervision of a Monument staff escort when on land.

c.) This activity would help the Monument by ...

Allowing the World to experience PMNM virtually without any associated impacts to the natural flora and fauna.

Other information or background:

There is less than 2 1/2 years left to capture Streetview imagery as Google has captured the majority of required images and will be downsizing the project and associated funding.