

Papahānaumokuākea Marine National Monument
Native Hawaiian Practices Permit Application

NOTE: *This Permit Application (and associated Instructions) are to propose activities to be conducted in the Papahānaumokuākea Marine National Monument. The Co-Trustees are required to determine that issuing the requested permit is compatible with the findings of Presidential Proclamation 8031. Within this Application, provide all information that you believe will assist the Co-Trustees in determining how your proposed activities are compatible with the conservation and management of the natural, historic, and cultural resources of the Papahānaumokuākea Marine National Monument (Monument).*

ADDITIONAL IMPORTANT INFORMATION:

- Any or all of the information within this application may be posted to the Monument website informing the public on projects proposed to occur in the Monument.
- In addition to the permit application, the Applicant must either download the Monument Compliance Information Sheet from the Monument website OR request a hard copy from the Monument Permit Coordinator (contact information below). The Monument Compliance Information Sheet must be submitted to the Monument Permit Coordinator after initial application consultation.
- Issuance of a Monument permit is dependent upon the completion and review of the application and Compliance Information Sheet.

INCOMPLETE APPLICATIONS WILL NOT BE CONSIDERED

Send Permit Applications to:

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300

Honolulu, HI 96825

nwhipermit@noaa.gov

PHONE: (808) 397-2660 FAX: (808) 397-2662

SUBMITTAL VIA ELECTRONIC MAIL IS PREFERRED BUT NOT REQUIRED. FOR ADDITIONAL SUBMITTAL INSTRUCTIONS, SEE THE LAST PAGE.

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: Dr. Pualani Kanaka'ole Kanahele

Affiliation: Edith Kanaka'ole Foundation (EKF), Hawai'i Community College (HCC).

Permit Category: Native Hawaiian Practices

Proposed Activity Dates: June 14 - 23, 2015

Proposed Method of Entry (Vessel/Plane): 1 Vessel

Proposed Locations: Mokumanamana

Estimated number of individuals (including Applicant) to be covered under this permit: 18

Estimated number of days in the Monument: 10

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

Mokumanamana provides a unique window into the relationship of the elementals to our ancestors and their need to profoundly acknowledge accurately, the concept of time and space in which they considered their universe. The island is in alignment with the boundary of the sun's northern trek called the Ala Polohiwa a Kāne or the time recognized as the summer solstice. Mokumanamana is naturally aligned with the reflection of the celestial alignment for the universal time on earth.

One our previous trips during the summer & winter solstice trips, a baseline was established with the ancestral alginments for several of the manamana or uprights on the island. Our research group also conducted similar studies on the fall equinox which provided different information that supported our previous research discoveries. The necessity of that fall equinox venture was to establish the central focal points that had both celestial and terrestrial alignments during Ka Piko o Wākea.

For this current proposed trip, the research team would like to utilize the discovered information from all the previous trips to confirm the findings and to complete the final stages of a cultural report regarding celestail and terrestrial alignments on Mokumanamana.

b.) To accomplish this activity we would

We would assign five groups of two people on each of the pu'u for the sunrise and the sunset. They would look at the shadows cast by the sun during the time when the sun enters into the celestial zone where a phenomenon called the "Ke'eke'e" will occur on the celestial dome. Ke'eke'e is the north south path the sun makes on both the rising and setting where refraction occurs. The researchers will record the shadows of the pivotal manamana (uprights) with the location of the sun just as it either exists or enters the ocean. The teams will conduct their studies from previously noted manamana to confirm the celestial/terrestrial alignments to the sun, moon & specific stars.

The type of rocks used for the manamana, the shape and condition of the rock, their placement on the paehumu (platform) and the east west movement of the sun are yet other levels of research necessary for the understanding of the function the sites. Taking note of the relationship made of the north-south and east-west alignments on this island is also an important key to one of the purposes of the manamana on the paehumu.

The location of the moon, stars and planets in the evening in alignment with a terrestrial features are also pertinent to the rediscovery of their possible function during this time of the year.

The information discovered from previous studies in Hawaiian literature, both chant form, narrative and stories will be coordinated with previous researched observations and confirmed on this venture to Mokumanamana.

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

Explaining the function of the numerous amounts of paehumu and manamana on that particular island, its relationship to the rest of the Hawaiian archipelago and the Polynesian islands. It will always help Hawaiian cultural studies by examining the uprights on the main islands such as Hawai'i, Kaho'olawe, Maui and O'ahu. It provides the insight of the Native Hawaiian mind with his environment, especially celestial bodies of light. It is important to know that these basic practices continued despite migration, the idea that the island changes and the ocean changes but the celestial cycles remain the same. This was a way that Hawaiian were always consciously and methodically keeping track of the earth and its alignment with the sky.

Other information or background: There will be a total of 18 individuals participating. This number includes the NOAA monitor. The crew members are:

Pualani Kanahale - Will remain on the vessel

Leighton Tseu- Will remain on the vessel

Buffalo Keaulana- Will remain on the vessel

Kalei Nu'uhiwa

Huihui Kanahale-Mossman

Kala Mossman

Keala Kanaka'ole

Ulumau Keali'ikanaka'ole

Ulalia Woodside
Hi'ilei Kawelo
Bonnie Kahape'a
Pualani Lincoln-Mai'elua
Kawele Kaula-Nelson

4- Makani'olu Crew members to be determined by Merimed Foundation- Will remain on the vessel

1- NOAA/DoFAW monitor to be determined by NOAA/DoFAW

Only 10 individuals of the EKF crew members plus the NOAA/DoFAW monitor will be accessing and landing on Mokumanamana to conduct field studies and ceremonies. The 8 remaining on the ship will conduct studies from the ship to the shore observing celestial alignments visible from the ship to uprights and natural features on Mokumanamana. This ship to shore study is pertinent to understanding Mokumanamana's function for maritime sailors of the past as a probable wayfinding point as mentioned in the migration stories of Pele, Wākea and 'Aukelenuiaikū.

Crew members of the Makani Olu will be doing maintenance checks & vessel inspections to prepare for the return voyage.

The Edith Kanaka'ole Foundation will be utilizing the Marimed Foundation's vessel, the Makani Olu to sail over and back. The specs for the Makani Olu are as follows:

Vessel Name: SSV Makani Olu
Vessel Owner: Marimed Foundation
Captains Name: Kalei Velasco
IMO#: [REDACTED]
Vessel [REDACTED]
Flag: USA
Vessel Type: three-masted tall ship staysail schooner
Call sign: [REDACTED]
Embarkation port: Kāne'ohe Bay
Length: 96'
Gross tonnage: 68
Total number of fuel tanks on ship: 2
Fuel tank capacity: 421g (842 total)
Marine Sanitation Device: Headhunter and Tank Sentry
Sewage capacity: 453g

The SSV Makani Olu has been to PMNM several times with no incident. Its discharge system has a holding capacity and will not discharge its wastewater tanks while in the Monument. Students, faculty, and crew members proposed in this permit application will receive pre-voyage training in monument management from the perspective of co-trustees and Native Hawaiian cultural practitioners. This training will be reinforced through direct experience throughout the voyage and within the Monument waters.