

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: Bonnie Kahapea-Tanner

Affiliation: Māna Maoli/Kānehūnāmoku Voyaging Academy

Permit Category: Native Hawaiian Practices

Proposed Activity Dates: 6/20-6/29, 2014

Proposed Method of Entry (Vessel/Plane): Vessel SSV Makani Olu

Proposed Locations: Mokumanamana and Nihoa

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

Twenty five (25) individuals are to be covered under this permit.

Estimated number of days in the Monument: 10

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

be an essential component of Hālau Holomoana, a 30 day Native Hawaiian culture/waa based maritime vocational program. The "Ola i ke au a Kanaloa" voyage will give a unique deep sea and culturally rich opportunity to 15 high school juniors & seniors and 10 professional ships crew, instructional kumu, and cultural practitioners.. The voyage will focus on developing a deep sense of responsibility to community and cultural practices by weaving the together traditional wayfinding, cultural protocol and ceremonial practices, and maritime seamanship skills.

Papahānaumokuākea is a special place where our kupuna knowledge is ever present in this remote and rugged environment. Mokumanamana is extremely important to traditional navigation as it lies on the Ala Polohiwa a Kane, or the Tropic of Cancer. This voyage will be important to further the understanding of Kanaloa cultural practices and the relationship of Mokumanamana to traditional navigation.

b.) To accomplish this activity we would

Preparation for this voyage is already underway. The ship Makani Olu has been secured. Students and staff are preparing by memorizing Kanaloa protocols and engaging in discussions and research. We are also working with cultural experts in traditional navigation and cultural protocols and ceremony. Current sail plan is to leave from Kaneohe Bay, site Kauai and Niihau, and continue on to Mokumanamana. Once at Mokumanamana, we will circumnavigate the island and anchor overnight, if time permits. On the return to the main Hawaiian islands, we will site Nihoa and if timing allows we will circumnavigate and anchor overnight. Once back in the main Hawaiian Islands, we are planning to go to Kanaloa-Kahoolawe to complete the protocols to Kanaloa. This will reestablish a cultural connection between PMNM and the MHI via two significant navigational sites in one single voyage.

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

supporting the Presidential Proclamation 8031 objective to facilitate cultural field research and cultural education opportunities. This will be the first access to PMNM by native Hawaiian youth. These youth enrolled in our Halau Holomoana training program because they have an interest in learning more about native Hawaiian voyaging practices and traditions as well as being exposed to the career opportunities in the maritime industry. This activity will be part of their culminating experience and will weave traditional navigation skills, Hawaiian protocol & ceremony, professional maritime skills, and leadership development.

Other information or background:

Vessel Name: SSV Makani Olu
Vessel Owner: Marimed Foundation
Captains Name: Emma Millet
IMO#: DLZ065030497
Vessel ID#: 1113517
Flag: USA
Vessel Type: three-masted tall ship staysail schooner
Call sign: WDA6945
Embarkation port: Kāneʻohe Bay
Length: 96'
Gross tonnage: 68
Total number of fuel tanks on ship: 2
Fuel tank capacity: 421g (842 total)
Marine Sanitation Device: Lavac Head
sewage capacity: 453g

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Kahapea-Tanner, Bonnie

Title: Program Director

1a. Intended field Principal Investigator (See instructions for more information):

Bonnie Kahapea-Tanner

2. Mailing address (street/P.O. box, city, state, country, zip):

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

For students, major professor's name, telephone and email address:

3. Affiliation (institution/agency/organization directly related to the proposed project):

Māna Maoli/ Kānehūnāmoku Voyaging Academy - Project Lead
Office of Hawaiian Affairs - Project Funder

4. Additional persons to be covered by permit. List all personnel roles and names (if known at time of application) here (e.g. John Doe, Diver):

Emma Millet - Captain
Kalei Velasco - First Mate
Bonnie Kahapea-Tanner - Project Director
Pualani Lincoln-Maielua - Navigator
Kealii Bertelman - Spiritual Officer
Jessica Kamaka'āina Seipp - Program Coordinator
Ruben Carrillo - Documentor

Brittany Keikilani Adversalo-Clarke - student
Duke Quitevis - student
Eduardo Kino - student
Gyle Kamakea McGurn - student
Hinaikawaihiileinanikeala Keala - student
Jethro Corbett Ross - student
Jordan Kamea'i'omakamae Vargas - student
Josiah Kawaiola Lincoln - student
Kalāhikiola Hind-Boyd - student
Keahi Lokelani Lopes - student
Luka Naniki'olauokeolamamo Nae'ole - student
Malanai Nellie Kane Kuahiwinui - student
Shyleen Keikilani Kipapa Hussey - student
Tehani Mahinaho'ola'iikeaaloha Louis-Perkins - student
Tyler Kaimana Gomes - student

Section B: Project Information

5a. Project location(s):

- | | | | |
|------------------------------------------------------------------|-------------------------------------|---------------------------------------------------|------------------------------------------------|
| <input checked="" type="checkbox"/> Nihoa Island | <input type="checkbox"/> Land-based | <input checked="" type="checkbox"/> Shallow water | <input checked="" type="checkbox"/> Deep water |
| <input checked="" type="checkbox"/> Necker Island (Mokumanamana) | <input type="checkbox"/> Land-based | <input checked="" type="checkbox"/> Shallow water | <input checked="" type="checkbox"/> Deep water |
| <input type="checkbox"/> French Frigate Shoals | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Gardner Pinnacles | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Maro Reef | | | |
| <input type="checkbox"/> Laysan Island | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Lisianski Island, Neva Shoal | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Pearl and Hermes Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Midway Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Kure Atoll | <input type="checkbox"/> Land-based | <input type="checkbox"/> Shallow water | <input type="checkbox"/> Deep water |
| <input type="checkbox"/> Other | | | |

Ocean Based

Remaining ashore on any island or atoll (with the exception of Midway & Kure Atolls and Field Camp staff on other islands/atolls) between sunset and sunrise.

NOTE: There is a fee schedule for people visiting Midway Atoll National Wildlife Refuge via vessel and aircraft.

Location Description:

5b. Check all applicable regulated activities proposed to be conducted in the Monument:

- Removing, moving, taking, harvesting, possessing, injuring, disturbing, or damaging any living or nonliving Monument resource
- Drilling into, dredging, or otherwise altering the submerged lands other than by anchoring a vessel; or constructing, placing, or abandoning any structure, material, or other matter on the submerged lands
- Anchoring a vessel
- Deserting a vessel aground, at anchor, or adrift
- Discharging or depositing any material or matter into the Monument
- Touching coral, living or dead
- Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument
- Attracting any living Monument resource
- Sustenance fishing (Federal waters only, outside of Special Preservation Areas, Ecological Reserves and Special Management Areas)
- Subsistence fishing (State waters only)
- Swimming, snorkeling, or closed or open circuit SCUBA diving within any Special Preservation Area or Midway Atoll Special Management Area

6. Purpose/Need/Scope *State purpose of proposed activities:*

Ola i ke au a Kanaloa: The purpose of the proposed activity is to connect native Hawaiian youth to the PMNM, specifically Mokumanamana, by making a purposeful voyage to honor and pay tribute to Kanaloa, to practice and test traditional wayfinding skills, to develop and strengthen seamanship skills, and to nurture a sense of stewardship and kuleana in young native Hawaiian mariners.

*Considering the purpose of the proposed activities, do you intend to film / photograph federally protected species? Yes No

For a list of terrestrial species protected under the Endangered Species Act visit:

<http://www.fws.gov/angered/>

For a list of marine species protected under the Endangered Species Act visit:

<http://www.nmfs.noaa.gov/pr/species/esa/>

For information about species protected under the Marine Mammal Protection Act visit:

<http://www.nmfs.noaa.gov/pr/laws/mmpa/>

7. Answer the Findings below by providing 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 Monument:

The Findings are as follows:

a. How can the activity be conducted with adequate safeguards for the cultural, natural and historic resources and ecological integrity of the Monument?

Kānehūnāmoku is the foundation of our program, it is a 29 ft. double hulled coastal sailing canoe that has been a vibrant living classroom for students of all ages for the past 12 years. Our Captain Bonnie Kahapea-Tanner has been working in education for almost 20 years and sailing for longer as a crew member on the deep sea Polynesian sailing canoe, Makalii.

MM-KVA is already planning and preparing for this cultural voyage to Mokumanamana. Our spiritual and cultural focus will be to Kanaloa. Our team is researching and preparing our protocol and ceremony and will be consulting with known authorities in the Hawaiian community. Having full understanding of the fragility of this unique ecosystem, we will not be requesting to go to shore. All protocols and ceremony will be conducted from the ship. We hope that this will instill a higher conciousness in the youth and demonstrate that one can connect emotionally, spiritually, and culturally at a distance.

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.

b. How will the activity be conducted in a manner compatible with the management direction of this proclamation, considering the extent to which the conduct of the activity may diminish or enhance Monument cultural, natural and historic resources, qualities, and ecological integrity, any indirect, secondary, or cumulative effects of the activity, and the duration of such effects?

The Monument Proclamation highlights the cultural significance of Papahānaumokuākea to Native Hawaiians, and the Proclamation itself authorizes access to the area via Native Hawaiian Practices Permits. The proposed activities are compatible with the management direction of the Proclamation and the Monument Management Plan, which has prioritized the support of regular access for cultural field research and cultural education opportunities.

As previously stated, the activities proposed herein do not impact the environment in any way. All activities will be conducted in accordance with the Monuments BMPs. For safety purposes, SSV Makani Olu will carry communications and first-aid equipment on board. This vessel will meet the strict requirements of this permitting process.

c. Is there a practicable alternative to conducting the activity within the Monument? If not, explain why your activities must be conducted in the Monument.

There is no practicable alternative to conducting the activity outside of the monument. As stated previously in this permit application, PMNM and specifically Mokumanamana are unique cultural resources that provide a glimpse into our history as navigators and seaman. The main Hawaiian islands are too close in proximity to each other to provide a true deep sea voyaging experience. In addition the connecting of Mokumanamana to Kanaloa-Kahoolawe via this voyage can only be accomplished by actually making a voyage to these places in one single trip. In addition, the unique position of Mokumanamana on the tropic of cancer during the summer solstice also provides a time of heightened sensitivity to the celestial sphere and the intimate relationship the informed mariner has to these movements.

This activity would help the monument by providing this opportunity to native Hawaiian youth, a group that has not been represented formally in the monument in the past. The activity allows these young leaders to engage culturally and spiritually with these kupuna islands through ceremony and chant and also through purposeful voyaging and the practice of non instrument navigation. This experience would further instill in them the importance of the natural and cultural resources in PMNM and as future mariners,

this experience will guide them as the next generation of Hawaiian leaders and maritime practitioners.

d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity?

No adverse impacts are anticipated as a result of the proposed activities. There will be no physical impacts on the aina as we are not requesting to land on Mokumanamana or Nihoa.

The entire Halau Holomoana program will make a deep impression on these students and their views of the ocean and meaningful employment with it. The lessons in marine conservation, cultural preservation and exposure to the maritime industry will be a living part of their experience which they will take forward as they work to meet the challenges of the future as native Hawaiians.

The proposed activities also provide beneficial impacts to Papahānaumokuākea by highlighting the area as a special and important place for the perpetuation of specialized Native Hawaiian cultural and spiritual practices which is bridged with meaningful employment and post-secondary education in marine related fields.

e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose.

The time requested is the amount of time needed for participants to gain insight into the cultural, spiritual and ecological value of Mokumanamana and to establish a personal connection. Ceremony and protocols will be conducted during the time in the waters surrounding Mokumanamana. We only have 10 days to complete the sail from Kaneohe bay-Mokumanamana-Nihoa-Kanaloa/Kaho'olawe and back to Kaneohe Bay.

f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.

The ship will be manned by a professional maritime crew and will do all in their expertise and training to ensure safe passage and navigation in PMNM.

Cultural protocols and ceremony will be well researched and prepared. Kealii Bertelmann will be the alakai (leader) for all cultural and spiritual protocols, in consultation with known Hawaiian authorities.

Traditional navigation will be practiced under the guidance of Pwo navigators Shorty Bertelmann and Chadd Paishon.

g. Provide information demonstrating that you have adequate financial resources available to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.

The applicant has secured financial resources necessary through grants and private donor funding to secure the vessel SSV Makani Olu for the duration of the trip.

h. Explain how your methods and procedures are appropriate to achieve the proposed activity's goals in relation to their impacts to Monument cultural, natural and historic resources, qualities, and ecological integrity.

The methods and procedures of this permit are designed to have minimal impact on the Monument's natural and historic resources and ecological integrity while enhancing and promoting the Monuments unique cultural qualities and resources. By providing the opportunity for these students to connect with our kupuna islands, they gain a deeper understanding of their home and support opportunities for creating meaningful work on the ocean.

i. Has your vessel been outfitted with a mobile transceiver unit approved by OLE and complies with the requirements of Presidential Proclamation 8031?

The Makani Olu is working with NOAA representatives and will be outfitted with a mobile transceiver unit approved by OLE and in compliance with the requirements of Presidential Proclamation 8031.

j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate.

None.

ADDITIONAL FINDINGS FOR PROPOSED NATIVE HAWAIIAN PRACTICES

k. Explain how the activity is non-commercial and will not involve the sale of any organism or material collected.

This is an educational opportunity and a non-commercial venture, it will not involve the sale of any organism or material collected.

l. Explain how the purpose and intent of the activity is appropriate and deemed necessary by traditional standards in the Native Hawaiian culture (pono), and demonstrate an understanding of, and background in, the traditional practice and its associated values and protocols.

The purpose of this activity is to perpetuate the art of wayfinding and non-instrumental navigation, under the direction of highly trained and skilled Pwo navigators Shorty

Bertelman and Chadd Onohi Paishon. This activity will also focus the cultural and historical significance of Mokumanamana to our wayfinding and voyaging practices as well as the focus on Kanaloa and the development of cultural protocols and ceremony to link Mokumanamana and Kanaloa/Kahoolawe as two significant land site for the study of traditional navigation practices.

m. Explain how the activity benefits the resources of the Northwestern Hawaiian Islands and the Native Hawaiian community.

This program benefits both the resources of PMNM and the Native Hawaiian community by giving the opportunity to 15 young and intelligent native Hawaiians to interact with this special place with clear purpose and function. These youth will then be empowered by this experience as they become the leaders and future managers of Hawaii's precious resources.

n. Explain how the activity supports or advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to the Northwestern Hawaiian Islands.

This activity advances the perpetuation of traditional knowledge and ancestral connections of Native Hawaiians to PMNM by connecting youth, a group not previously represented in any prior access, to this remote and relatively untouched island and archeological gem. We believe that this voyage will advance the perpetuation of traditional knowledge and connections between PMNM and the main Hawaiian Islands, through the purposeful connecting of two significant sites-Mokumanamana and Kahoolawe. In addition, the research and planning in preparation and the the practical application during the voyage will provide opportunities to develop knowledge and wisdom that cannot be measured.

o. Will all Monument resources harvested in the Monument be consumed in the Monument? If not, explain why not.

We are requesting to conduct sustenance and subsistence fishing activities in accordance with Monument regulations. We will not be targeting specific fish, all such catch will be consumed in Papahānaumokuakea, all parts will remain in the monument.

8. Procedures/Methods:

The Makani Olu will depart from Kāneohe Bay en-route to Nāwiliwili, Kauai before heading on to Mokumanamana. Once at Mokumanamana, depending on the time of arrival, we will circumnavigate the island and then anchor overnight, Makani Olu will only anchor on sandy substrate. After sunrise and the completion of protocols and ceremony, we would like to snorkel or swim in the waters surrounding Mokumanamana up to the high water mark without going on land. The purpose of this is to encourage a sense of stewardship and malama 'āina in the students as they will also be diving in our home waters of Kāne'ohē bay and will undoubtedly gain a broader understanding by comparing the two ecosystems. After this we will sail for Nihoa, circumnavigate and then possibly anchor and snorkel, if time permits. From Nihoa we will sail

for Kahoolawe and then home to Kaneohe Bay. The sail plan will be attached to the Compliance Information Sheet and submitted to the Monument Permit Coordinator. Fishing will be done in a traditional style by dragging a monofilament handline and fishing poles of about 100 feet behind the vessel with a trolling lure from sun up to sun down.

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding.

9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary):

Common name:

Scientific name:

Hawaiian name:

& size of specimens:

Collection location:

Whole Organism Partial Organism

9b. What will be done with the specimens after the project has ended?

N/A

9c. Will the organisms be kept alive after collection? Yes No

N/A

• General site/location for collections:

N/A

• Is it an open or closed system? Open Closed

N/A

• Is there an outfall? Yes No

N/A

• Will these organisms be housed with other organisms? If so, what are the other organisms?
N/A

• Will organisms be released?
N/A

10. If applicable, how will the collected samples or specimens be transported out of the Monument?
N/A

11. Describe any fixed or semi-permanent structures or installations, or cultural offerings you plan to leave in the Monument:

Ho'okupu will be offered in the form of liquid awa and will be offered into the ocean.

12. List all specialized gear and materials to be used in the proposed activities:
N/A

13. List all Hazardous Materials you propose to take to and use within the Monument:
N/A

14. Describe collaborative activities to share samples, cultural research and/or knowledge gained in the Monument:
There are no formal plans at this time.

15a. Will you produce any publications, educational materials or other deliverables?
 Yes No

15b. Provide a time line for write-up and publication of information or production of materials:

There are no set plans at this time. However because the nature of our work, we would hope to develop educational curriculum and find ways to share this experience with others who would not normally have the opportunity to visit PMNM.

16. If applicable, list all Applicant's publications directly related to the proposed project:

With knowledge of the penalties for false or incomplete statements, as provided by 18 U.S.C. 1001, and for perjury, as provided by 18 U.S.C. 1621, I hereby certify to the best of my abilities under penalty of perjury of that the information I have provided on this application form is true and correct. I agree that the Co-Trustees may post this application in its entirety on the Internet. I understand that the Co-Trustees will consider deleting all information that I have identified as "confidential" prior to posting the application.

Signature

Date

**SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE
BELOW:**

Papahānaumokuākea Marine National Monument Permit Coordinator
6600 Kalaniana'ole Hwy. # 300
Honolulu, HI 96825
FAX: (808) 397-2662

DID YOU INCLUDE THESE?

- Applicant CV/Resume/Biography
- Intended field Principal Investigator CV/Resume/Biography
- Electronic and Hard Copy of Application with Signature
- Statement of information you wish to be kept confidential
- Material Safety Data Sheets for Hazardous Materials