

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:

NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
nwhipermit@noaa.gov
PHONE: (808) 725-5800 FAX: (808) 455-3093

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 Kahap'ea-Tanner

Affiliation: Kānehūnāmoku Voyaging Academy

Permit Category: Native Hawaiian Practices

Proposed Activity Dates: 6/15/2016 to 6/25/2016

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

Proposed Locations: Mokumanamana and Nihoa

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

25

Estimated number of days in the Monument: 5

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

The proposed training voyage to PNMM would be part of Hālau Holomoana, a 30 day Native Hawaiian culture/wa'ā based maritime vocational program. The overall purpose of the program is to expose youth to the wide variety of college and career opportunities in the maritime industry while grounding them in Native Hawaiian canoe culture and non-instrument navigation.

This will be a continuation or link to the "Ola i ke au a Kanaloa" voyage that took place in June of 2014. The voyage gives a unique deep sea and culturally rich opportunity to 15 high school juniors and seniors and 10 professional ships crew, instructional kumu, and cultural practitioners. This voyage will focus on developing a theory of sail plan as to how the ancient mariners managed to sail back to the main Hawaiian Islands. To this date, all previous voyages on voyaging canoes were towed upwind, back to the main Hawaiian Islands.

In addition, as part of the Holo I Ka I‘a, MET grant with NOAA, we will be field testing our traditional pahi aku lures. The lures were made modeled after specemins from Bishop Museum collection and under the tutelage of master practitioner, Umi Kai.

b.) To accomplish this activity we would

Sail into the monument waters, conduct cultural ceremony on board the ship at Nihoa and Mokumanamana. Utilize traditional and modern wayfinding techniques to navigate to and from PNMM.

Troll with the Pahi Aku lures with handlines while sailing in the Monument.

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

Exposing a new generation of youth and potential master mariners to the monument and the unique landscape, geological features, and natural wild environment abundant in the PNMM.

Provides an opportunity to field test traditional lures for fishing. The data will be compared to field testing in the main Hawaiian Islands.

Other information or background:

Vessel Name: SSV Makani Olu
Vessel Owner: Marimed Foundation
Captains Name: Kalei Velasco
IMO#: DLZ065030497
Vessel ID#: 1113517
Flag: USA
Vessel Type: three-masted tall ship stay-sail schooner
Call sign: WDA6945
Embarkation port: Kāne‘ohe Bay
Length: 96’
Gross Tonnage: 68
Total ballast water capacity:
Total fuel capacity: 421g
Total number of fuel tanks on ship: 2
Marine Sanitation Device: Holding Tank

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Type:

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Kahape‘a-Tanner, Bonnie

Title: Executive Director

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

Bonnie Kahape‘a-Tanner

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

[REDACTED]

[REDACTED]

[REDACTED]

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

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

Kānehūnāmoku Voyaging Academy (KVA)
Marimed Foundation
Office of Hawaiian Affairs

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):

Name	Title
Velasco, Kalei	Captain
Sprague, Harry	1st Mate
O'hare, Joseph	2nd Mate
Kahape'a-Tanner, Bonnie	Program Director
Lincoln-Maielua, Pualani	Navigator
Bertelmann, Kealii	Spiritual Officer
Kekahuna-Baisa, Loyal	Program Coordinator/Deckhand
Tapu, Ian	Instructor/Deckhand
Malakaua, Ui	Instructor/Deckhand
Oppenheimer, Rusty	Instructor/Deckhand
Bertelmann, Makalii	Student
Enos, Kawaiola	Student
Fujiyama, Kelsey	Student
Johnson, Dominic	Student
Ka'ai, Kamaha'o	Student
Ka'awa, P.J.	Student
Kalama, Austin	Student
Makua, Kahikiha'au'ena	Student
Mahia, Cory	Student
Naki, Kaumana	Student
Nishioka-Lani, Kyler	Student
Opiopio, Shawna	Student
Souza, Danielle	Student
White, Conner	Student
Wilhelm, Makana	Student

Section B: Project Information

5a. Project location(s):

Ocean Based

- | | | | |
|--|-------------------------------------|---|--|
| <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 | | | |

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:*

The purpose of the proposed activities is to:

1. Conduct traditional navigation and sail training for youth in the Halau Holomoana Youth Maritime Training Program.
2. Conduct cultural ceremony for the Summer Solstice at Mokumanamana.
3. Conduct field testing of traditional Pahi Aku lures while engaged in trolling.

The purpose of the proposed activity is to help revitalize traditional Hawaiian fishing lure production and use, and to document usage at Papahānaumokuākea and other Hawaiian islands for historical, cultural, educational, and scientific purposes. In alignment with NOAA's long term goal: Healthy Oceans, students will gain intimate knowledge of natural resources from both the land and sea that are used to produce traditional Hawaiian fishing lures and to provide sustenance while on voyage. Students will develop a culturally founded sense of what conservation means from a Hawaiian cultural practitioners world view

*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?

KVA is already planning and preparing for this cultural voyage to Nihoa and 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 consciousness 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 and Nihoa 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 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.

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 and seamanship training. 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 Nihoa and to establish a personal connection. Ceremony and protocols will be conducted during the time in the waters surrounding Mokumanamana and Nihoa. We only have 10 days to complete the sail from Kaneohe bay-Nihoa-Mokumanamana-Nihoa-Niihau-Kauai 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.

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.

All crewmembers, students, and faculty will follow all Monument BMPs, protocols and policies while operating in Papahānaumokuākea.

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

The SSV Makani Olu will work 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.

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

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 a culminating activity for the students of Halau Holomoana, a youth Hawaiian culture and maritime training program of Kanehunamoku Voygaing Academy. This is not a commercial activity.

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 mentorship of highly trained and skilled Pwo navigators Shorty Bertelmann and Chadd Onohi Paishon. This activity will also focus the cultural and historical significance of Mokumanamana and Nihoa to our wayfinding and voyaging practices.

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

Through this training voyage, 15 new Hawaiian youth will be exposed to the wonderment of these islands. They will hold this experience and share it with their ohana and communities. As we continue to voyage to these islands we are increasing the practical knowledge of sailing the ancient sea roads. We hope to gain a deeper understanding of how our ancestors made the return voyage, upwind to the main Hawaiian Islands.

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 voyage will introduce non-instrument navigation and wayfinding to 15 young native Hawaiians as well as the other 10 crew and staff on-board the ship. Only by retracing this ancient sea road can we begin to understand how and why our ancestors voyaged to Nihoa and Mokumanamana. As we continue to research and then go out in the field, we will gain more and more knowledge.

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

Yes, all fish harvested in the Monument will be consumed within the Monument.

8. Procedures/Methods:

All fishing will be done with lure and hand line trolling from the ship. We will also be conducting field testing of traditional Aku Pa lures while trolling.

Fishing while at anchor using traditional lures only.

Snorkeling will take place only if optimal weather conditions exist. A crewman and certified lifeguard will be responsible for monitoring the group, from the ship or dinghy. Small groups of 6-8 people in the water at a time.

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?

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

• General site/location for collections:

- Is it an open or closed system? Open Closed

- Is there an outfall? Yes No

- Will these organisms be housed with other organisms? If so, what are the other organisms?

- Will organisms be released?

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:

None.

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

Hand-made pahi aku lures: beef bone, pearl shell, hau cordage.

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

None.

14. Describe collaborative activities to share samples, cultural research and/or knowledge gained in the Monument:

Although we do not have anything formal set up at this time, we hope to share our knowledge gained about the ancient sea routes to sail to and from PMNM from the main Hawaiian Islands

as well as any other insights gained with Ohana Wa‘a and other educational agencies and organizations.

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

Nothing is planned at this time.

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

N/A

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

Voyage: Into the Depths of Kanaloa
A video documentary about the 2014 voyage to Papahanaumokuakea.

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:

NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176

Papahānaumokuākea Marine National Monument
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Honolulu, HI 96818
FAX: (808) 455-3093

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