

Papahānaumokuākea Marine National Monument
EDUCATION 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: Jodie Yim

Affiliation: Marimed Foundation

Permit Category: Education

Proposed Activity Dates: September 5-16, 2016 and October 3-14, 2016

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:

25

Estimated number of days in the Monument: 16

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

further the educational value of the Monument by allowing Native Hawaiian youth to experience and learn this unique marine region, preparing the next generation to be the protectors of the Monument. The youth will learn and perpetuate the conservation, ecological, historical, scientific, educational, and Native Hawaiian cultural qualities which make the Monument significant to their home in the Hawaiian islands and unique to the world. Activity participants will document their experience for learning and non-commercial purposes.

Any potential documentation derived from the activities of the group to Papahānaumokuākea Marine National Monument (PMNM) will be compatible with the conservation and management of the natural, historic, and cultural resources of PMNM. PMNM is a sacred place where our kupuna is ever present. Documentation will be captured in the most culturally appropriate and sensitive ways, ensuring protocols are conducted prior to entering the Monument to ensure activities are done in a respectful and pono manner.

The two 12 day voyages would be the highlight of an experiential therapy program, offering a unique deep sea and culturally rich opportunity to 15 high risk youth adolescents and 10 professional ship's crew. Two voyages are requested to accommodate the youth based on the ship berthing capacity. The voyage will focus on developing a deep sense of responsibility to community and cultural ties by weaving together traditional Polynesian wayfinding, Native Hawaiian protocol, environmental stewardship, and maritime seamanship skills.

b.) To accomplish this activity we would

ensure all necessary ship inspections and permit requirements are completed per the proper authorities. Based on numerous previous PMNM visits since 2010, ship's crew will discuss monument regulations and proposed activities with staff and students to emphasize PMNM conservation and management. Youth and staff will learn conservation, ecological, historical, scientific, educational, and Native Hawaiian practices for PMNM so they are prepared to identify, understand, or conduct such practices at the proper time.

Under conservation, ecology, and science awareness, the youth will witness the functional linkages of marine organisms and their habitats in space and time to improve the fragile ecosystem. Under history, educational, and Native Hawaiian culture awareness, the youth will experience the connection of land and sea for resources. They will understand such resources have provided physical and spiritual sustenance in our daily lives passed on from our seafaring ancestors between PMNM and the main Hawaiian islands. These resources have historical value and maritime heritages to be protected. Traveling the path of ancestors, every youth will practice Polynesian wayfinding and maritime seamanship skills in the operation of the 96' three-masted schooner, SSV Makani Olu.

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 main Hawaiian islands via two significant navigational sites in one single voyage.

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

educating and preparing the next generation of protectors for the Monument. By investing value and responsibility to Native Hawaiian youth, the next generation can be prepared to conserve and manage our resources, perpetuating the significance and sacredness of PMNM. The activity allows these young men 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. These youth are learning to be responsible stewards of natural, historic, and cultural resources surrounding their home. This voyage experience will expose these youth to their surroundings and ancestral locations beyond Oahu and helps them understand who they are, where they came from, and what they are protecting for future generations. The honor of such a responsibility will develop them into productive adults with purpose and empowerment, improving lives and resources around them.

All individuals onboard will have opportunities to document their experiences and capture pictures and video in PMNM. By sharing this unique opportunity through pictures, video, or generated non-commercial promotional products, we can increase awareness and perpetuate the cultural and environmental significance of PMNM. Marimed shares the education/outreach goals of PMNM. Documentation of the experience serves as a valuable historical record among the limited oral and written histories of PMNM.

Other information or background:

Marimed Foundation is a nonprofit corporation with a long history of serving Hawai`i and the Pacific; growing and changing to meet the needs of our communities. Established in Hawai`i in 1984, Marimed Foundation is a IRS 501(c)(3) public charity. We operate experiential-based therapy, education, vocational, and community programs from our Kāne`ohe and Kahalu`u campuses to meet the needs of Hawai`i youth, adults, families and communities. Our community outreach extends to organizations interested in chartering our sailing school vessel, Makani Olu, for experiential-based therapy, education, or vocational day sails or multi-day voyages.

Our Mission:

Marimed delivers ocean and land-based learning experiences that empower youth, adults, and families and strengthen communities. At the core of each of these programs is our 96' tall-ship, SSV MAKANI OLU, which serves as a platform for learning activities, skills-building, and extraordinary — potentially transformational — experiences. Guiding our services are our program graduates, families, agencies, staff, and trustees.

This permit applies to the Kailana program. An ocean-oriented experiential treatment and education program, the Kailana (calm seas) program is a highly-structured, staff-secure, residential program for high risk Hawai`i adolescents needing comprehensive treatment and education in a safe and understanding environment. Kailana combines individual, group, and family therapy with educational and vocational services, ocean and land-based therapeutic and recreational activities including sailing and ocean voyaging on Makani Olu, canoe paddling, agriculture, aquaculture, and culinary opportunities.

Vessel Name: SSV Makani Olu
Vessel Owner: Marimed Foundation
Captains Name: Kalei Velasco and Harry Sprague
IMO#: [REDACTED]
Vessel ID#: [REDACTED]
Flag: USA
Vessel Type: three-masted tall ship staysail schooner
Call sign: [REDACTED]
Embarkation port: Kaneohe Bay
Length: 96'
Gross tonnage: 68
Total ballast water capacity volume: none
Total fuel capacity: 800 gallons
Total number of fuel tanks on ship: 2
Marine Sanitation Device: Lavac Head
Type: Pump and Vacuum
Sewage Capacity: 453 gallons

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Yim, Jodie M. C.

Title: Director of Maritime Operations, Marimed Foundation

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

Kalei Velasco ([REDACTED]) and Harry Sprague
[REDACTED]

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

Phone: [REDACTED]

Fax: [REDACTED]

Email: [REDACTED]

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

Kalei Velasco, [REDACTED]

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

- Marimed Foundation operates the Kailana program and SSV Makani Olu
- All youth enrolled in the Kailana program are referred directly by the Child and Adolescent Mental Health Division of the State Health Department. Many youth are involved with the Family Court, the Office of Youth Services, or the Department of Education special education.

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, Teacher; Jane Doe, Videographer):

Wayne "Kalei" Velasco – Captain and Lead Instructor
Harry Sprague - 1st Mate
2nd Mate and 3 deckhands

5 faculty/staff/youth counselors
15 youth (names confidential per state requirements)

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:

Location in and on water only. No land-based activities. Anchoring in sand only. Crew is knowledgeable of anchor restrictions. Ship/crew has had no prior anchoring issues.

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:*

Purpose of proposed activities is to connect native Hawaiian youth to 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. Activities will prepare this next generation to protect PMNM.

Possible product outputs proposed are greeting cards using photos of PMNM, calendars, pictures (framed or canvas) and other potential products for education/outreach for non-commercial promotional purposes that would both benefit Marimed Foundation and PMNM in its outreach/education goals.

Our main purpose of our activities is to educate the next generation about PMNM. At this time, we are not planning or targeting any specific photo/film time or subject. Based on opportunistic photography and filming from a safe distance, something visually captivating may be captured by camera and utilized for producing products. Photos and videos will be posted on Facebook for the duration and a week following the voyage to keep our supporters and community updated.

Marimed is open to share the PMNM educational experience with the community including schools, conferences, conservation clubs, Native Hawaiian community, and maritime organizations. The products will be used to perpetuate the beauty and sacredness of PMNM through visual pictures. PMNM greeting cards, calendars, and photos may serve as thank you gifts to community supporters. Any promotional materials made will raise education/outreach awareness of PMNM.

*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?

Marimed will properly plan and prepare participants about the adequate safeguards for the cultural, natural, and historic resources and ecological integrity of the Monument. The ship crew is trained and experienced in Monument requirements from numerous former visits. Having full understanding of the fragility of this unique ecosystem, we will not be requesting to go to shore. All protocols, education, and activities will be conducted from the ship or in the water. Even at a distance, the visual impact of PMNM will instill a higher consciousness in the youth, demonstrating an emotional, spiritual, and cultural connection being in the same presence as our ancestors.

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 crewmembers participating will receive pre-voyage training in monument management from the ship's crew. This training will be reinforced through direct experience throughout the voyage and within the Monument waters. Products created as a result of this trip will be tasteful and respectful of the place and its cultural and natural resources.

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 educational significance of Papahānaumokuākea to Native Hawaiians, and the Proclamation itself authorizes access to the area for Education 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 education to include 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 Monument's Best Management Practices and Policies. For safety, SSV Makani Olu always carries 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 at the same time.

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 experience will make a deep impression on these youth gaining a meaningful connection with the ocean and aina. 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 significant and sacred place to prepare the next generation of protectors for the Monument. Educating young Native Hawaiian is an investment of the future of our community. These young men will be prepared to perpetuate the mission of PNMN after their voyage.

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 12 days to complete the sail from Kaneohe Bay-Mokumanamana-Nihoa-Kanaloa/Kaho'olawe and back to Kaneohe Bay. Not more than 8 days will be in the Monument for each of the 2 voyages.

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 is always manned by U.S. Coast Guard credentialed professional maritime crew. They will do all in their expertise and training to ensure safe passage and navigation in PMNM. Previous experience with Monument requirements and training with the youth program has prepared the ship crew to mitigate any issues.

Assisted by trained crew members, Captain Kalei Velasco is the lead Marimed instructor in training maritime skills and Polynesian wayfinding. Captain Kalei recently completed a voyage aboard Hokulea in 2015 and is an experienced sailor. He and Captain Harry Sprague, who is also a very experienced sailor, have sailed to PNMN numerous times. Both men have been the main instructors for Marimed's vocational program, Maritime Careers Exploration, which is in its third successful year. This vocational program prepares adults for maritime careers at sea, ashore, or in engineering.

The Marimed staff and faculty are trained to educate and counsel Kailana youth. Extensive research and preparation will enhance the educational benefits for all participants. An educational plan will be followed to ensure activities make the most meaningful educational impact during their short time in the Monument.

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.

Voyaging is part of the youth experiential therapy and is budgeted through Marimed. The vessel, SSV Makani Olu, is owned by Marimed. The applicant has secured the financial resources necessary for the activity.

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, youth, and staff will follow all Monument Best Management Practices and Policies while operating in Papahānaumokuākea. Activities will not impact Monument cultural, natural, and historic resources, qualities, and ecological integrity.

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 has an appointment with NOAA representatives to 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.

8. Procedures/Methods:

Tentative plan is to voyage to Mokumanamana, circle and anchor off Mokumanamana for one night, sail past Nihoa, sail along southern coast of Kaua'i, and return to Kaneohe Bay. Route may change due to weather and sea conditions.

Swimming and snorkeling will be around the vicinity of the ship when anchored at a safe location off Mokumanamana. Photography activities will be ongoing throughout the voyage utilizing cameras, phone cameras, and GoPro cameras. Since documentation will be opportunistic photography and filming from a safe distance, we do not have an intention of when and where to document. Main activities and purpose will be practicing Polynesian wayfinding, Native Hawaiian protocol, environmental stewardship, and maritime seamanship skills.

We do not intend to film/photograph any federally protected species. We may conduct opportunistic photography and filming from a safe distance judging from the vessel and species movement/location utilizing cameras, phone cameras, and GoPro cameras.

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:
N/A

Scientific name:
N/A

& size of specimens:
N/A

Collection location: N/A

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

- Specific site/location:

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 be transported out of the Monument?

N/A

11. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, describe:

Voyaging is part of the Kailana program which is based on State Department of Education Standards and the Child and Adolescent Mental Health Division of the State Health Department. Kailana voyages approximately 16 times throughout the year sailing around the main Hawaiian islands. This voyage to PMNM will be their epic voyage, the highlight of their program for the year.

12. If applicable, describe how you are collaborating with others in any way to reduce duplicative activities in the Monument or elsewhere?

Marimed collaborates with various other organizations who sail on SSV Makani Olu for different purposes. Close coordination is carefully considered to reduce duplicative activities in the Monument or elsewhere. SSV Makani Olu conducted two PMNM voyages last year and is approved, so far, for two other PMNM voyages this year.

13. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

Photos and videos will be posted for the duration and a week following the voyage. A summary of experiences will be drafted within a month following the voyage. Production of educational materials will be made prior to the voyage for youth to prepare for the activities. Promotional materials will be made within a year of the activity to raise education/outreach awareness of PMNM. Marimed is open to share the

PMNM educational experience with the community including schools, conferences, conservation clubs, Native Hawaiian community, and maritime organizations.

14. List all specialized gear and materials to be used in this activity:

No specialized gear or materials to be used.

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

No hazardous materials to be used.

16. Describe any fixed installations and instrumentation proposed to be set in the Monument:

None.

17. List all Applicants' publications/references directly related to the proposed project:

None.

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
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