State of Hawaii
DEPARTMENT OF LAND AND NATURAL RESOURCES
Division of Aquatic Resources
Honolulu, Hawaii 96813

October 9, 2009

Board of Land
and Natural Resources
Honolulu, Hawaii

Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit to Dr. Pualani Kanaka'ole Kanahele, University of Hawaii at Manoa, Kamakakuokalani Center for Hawaiian Studies, for Access to State Waters to Conduct Winter Solstice Cultural Research Activities.

The Division of Aquatic Resources (DAR) hereby submits a request for your authorization and approval for issuance of a Papahānaumokuākea Marine National Monument Native Hawaiian practices permit to Dr. Pualani Kanaka'ole Kanahele, pursuant to § 187A-6, Hawaii Revised Statutes (HRS), chapter13-60.5, Hawaii Administrative Rules (HAR), and all other applicable laws and regulations.

The Native Hawaiian Practices permit, as described below, would allow entry and activities to occur in the Papahānaumokuākea Marine National Monument (Monument), including the NWHI State Marine Refuge and the waters (0-3 nautical miles) surrounding the following sites:

- Necker Island (Mokumanamana)

The activities covered under this permit would occur from December 17, 2009 through December 24, 2009.

The proposed activities are a continuation of work previously permitted and conducted in the Monument.

INTENDED ACTIVITIES

The applicant proposes to examine the alignment of Ke ala polohiwa a Kanaloa (the dark shining pathway of Kanaloa) with the island of Mokumanamana during the summer solstice. Specifically, the applicant wishes to see and record the alignment of uprights on the island with the rising and settings of the sun during the winter solstice. The purpose of this trip is to reconnect Hawaiian cultural practitioners with this important part of their homeland, Papahānaumokuākea. Through this experience they hope to learn more about these sacred islands through honoring them and carefully observing the celestial elements- the moon, the stars, the clouds, the rains, the sun and the earthly forms in the ocean, on the land, and the cultural sites made by their ancestors.

To conduct the proposed activities, the group would anchor off Mokumanamana and send six to eight people on island for the duration of one full day (24 hours) to conduct necessary cultural ceremonies and also to observe the celestial movements in relation to various points on island, particularly the rising and the setting of the sun in regards to the winter solstice. In addition, the types of rocks used, the shape of the rock, their placement on the ahu would be noted. All evidence gathered by the group would be compared to Hawaiian literature, both chant form, narrative and stories.

A similar trip was made by the applicant to Mokumanamana during summer solstice in 2007.

The applicant notes that the group would observe all rules to maintain the ecological integrity of the island, and would take care not to disturb or damage any cultural sites. A ship berth has been reserved for a USFWS employee or designee to escort the group on the trip.

This activity would help the Monument by explaining the numerous ahu and uprights on Mokumanamana, its relationship to the rest of the Hawaiian Archipelago and the Polynesian islands. It would also help Hawaiian cultural studies by examining the uprights on the main islands such as Hawai'i, Kahoolawe, and Maui. The activities proposed by the applicant directly support the Monument Management Plan's priority management needs in the Native Hawaiian Culture and History action plan 3.1.2. The strategies and activities which make up action plan 3.1.2 specifically address the need to conduct, support, and facilitate Native Hawaiian cultural access and research of the Northwestern Hawaiian Islands.

The activities described above may require the following regulated activities to occur in State waters:

☒ Anchoring a vessel

REVIEW PROCESS:

The permit application was sent out for review and comment to the following scientific and cultural entities: Hawaii Division of Aquatic Resources, Hawaii Division of Forestry and Wildlife, Papahānaumokuākea Marine National Monument (NOAA/NOS), NOAA Pacific Islands Regional Office (NOAA-PIRO), United States Fish and Wildlife Service Hawaiian and Pacific Islands National Wildlife Refuge Complex Office, and the Office of Hawaiian Affairs (OHA). In addition, the permit application has been posted on the Monument Web site since March 12th, giving the public an opportunity to comment. The application was posted within 40 days of its receipt, in accordance with the Monument's Public Notification Policy.

Comments received from the scientific community are summarized as follows:

Scientific reviews support the acceptance of this application.

Concerns raised were:

1. Clarification on the reason for anchoring the vessel

Comments received from the Native Hawaiian community are summarized as follows:

Cultural reviews support the acceptance of this application. No concerns were raised.

Comments received from the public are summarized as follows:

No comments were received from the public on this application.

Additional reviews and permit history:

Are there other relevant/necessary permits or environmental reviews that have or will be issued with regard to this project? (e.g. MMPA, ESA, EA) Yes ☒ No ☐
If so, please list or explain:

- The proposed activities are in compliance with the National Environmental Policy Act and HRS Chapter 343.
- National and State Historic Preservation Act Section 106 consultation (pending)

Has Applicant been granted a permit from the State in the past? Yes ☒ No ☐
If so, please summarize past permits:

- Applicant was granted permit PMNM-2007-024 for similar activities in 2007.

Have there been any a) violations: Yes ☐ No ☒
b) Late/incomplete post-activity reports: Yes ☐ No ☒

Are there any other relevant concerns from previous permits? Yes ☐ No ☒

RESPONSE:

1. The applicant explains that the vessel may anchor to offload personnel, and that anchoring would occur only on non-coral substrate away from reef structures.

STAFF OPINION:

DAR staff is of the opinion that the Applicant have properly demonstrated valid justifications for her application and should be allowed to enter the NWHI State waters and to conduct the activities therein as specified in the application with the following special instructions and conditions, which are in addition to the Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit General Conditions. The following special conditions have been vetted through the legal counsel of the Co-Trustee agencies.

1. To prevent introduction of disease or the unintended transport of live organisms, the permittee must comply with the disease and transport protocol attached to this permit.

2. Tenders and small vessels must be equipped with engines that meet EPA emissions requirements.

3. Refueling of tenders and all small vessels must be done at the support ships and outside the confines of lagoons or near-shore waters in the State Marine Refuge

4. No fishing is allowed in State Waters except as authorized under State law for subsistence, traditional and customary practices by Native Hawaiians.

MONUMENT MANAGEMENT BOARD OPINION:

The MMB is of the opinion that the Applicant has met the findings of Presidential Proclamation 8031 and this activity may be conducted subject to completion of all compliance requirements. The MMB concurs with the special conditions recommended by DAR staff.

RECOMMENDATION:

"That the Board authorize and approve, with stated conditions, a Native Hawaiian Practices Permit to Dr. Pualani Kanaka'ole Kanahele, University of Hawaii."

Respectfully submitted,

DAN POLHEMUS
Administrator

APPROVED FOR SUBMITTAL

LAURA H. THIELEN
Chairperson

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: University of Hawaii at Manoa, Kamakakuokalani Center for Hawaiian Studies (Hawaiÿi Nui Äkea), Edith Kanaka'ole Foundation (EKF), Hawaiÿi Community College (HCC) and Kamehameha Investment Corporation (KIC)

Permit Category: Native Hawaiian Practices
Proposed Activity Dates: December 17-24, 2009
Proposed Method of Entry (Vessel/Plane): Vessel
Proposed Locations: Mokumanamana

Estimated number of individuals (including Applicant) to be covered under this permit: 13

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 the time and space in which they considered their universe. This island is in alignment with the summer solstice or Ke ala polohiwa a Kane. It is the reflection of the celestial alignment of this universal time on earth.

The summer solstice trip established the ancestral alignments with the uprights on this island. The necessity of this Winter solstice is to establish the alignment of Ke ala polohiwa a Kanaloa with this island or the winter solstice. There are hints to this southern movement of the sun. Clues of the southern recordation are evident by some of the uprights examined on Mokumanamana. We want to be able to see and record these alignments with the rising and settings of the sun for the southern cycle at this time of the year.

b.) To accomplish this activity would….
We would assign four groups of two people on each of the pu'us for one sunrise and sunset. They would look at the shadows cast by the sun during the time when the sun is in the "Ke'eke'e"

of the dome. Ke'eke'e is the north-south path of the sun where refraction of sunlight takes place. They would record the shadows of the pivotal uprights with the upright closes to the sun just as it exists and enters the ocean.

The types of rocks used, the shape of the rock, their placement on the ahu and the east west movement of the sun are yet other levels of research necessary for understanding this relationship. Taking note of the north south and east west alignments on this island is also an important key to one of the purposes of the uprights or ahu. The location of stars in the evening in alignment with a land features are also an important path of evidence to their possible travel at this time of the year.

All of these evidence will be compared to Hawaiian literature, both chant form, narrative and stories.

c.) This activity would help the Monument by …

Explaining the numerous amount of ahu and uprights 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, Kahoolawe, and Maui. It provides the insight of the Native Hawaiian mind with his environment, especially celestial bodies of lights. 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 movements remain the same. This was a way of always keeping the earth in alignment with the sky.

Other information or background:

This cultural trip is funded in part by the NOAA Papahanaumokuakea Marine National Monument office.

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Kanaka'ole, Kanahele Pualani

Title: Dr.

1a. Intended field Principal Investigator (See instructions for more information):
Dr. Pualani Kanaka'ole Kanahele

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

Phone: [redacted]

Fax: [redacted]

Email: [redacted]

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

3. Affiliation (institution/agency/organization directly related to the proposed project):
University of Hawaii at Manoa, Kamakakuokalani Center for Hawaiian Studies (Hawaiÿi Nui Äkea, Edith Kanaka'ole Foundation (EKF), Hawaiÿi Community College (HCC) and Kamehameha Investment Corporation (KIC)

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):

Pualani Kanakaole Kanahele
Leighton Tseu (Capt.)
Norman Piianaia (Capt.)
Kalei Tsuha
Ulumauahi Kealiikanakaoleohaililani
Mahealani Pai
Kaumakaiwa Kanakaÿole
(Others to be determined)

Section B: Project Information

5a. Project location(s):

		Ocean Based	
☐ Nihoa Island	☐ Land-based	☐ Shallow water	☐ Deep water
☒ Necker Island (Mokumanamana)	☒ Land-based	☒ Shallow water	☒ Deep water
☐ French Frigate Shoals	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Gardner Pinnacles	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Maro Reef			
☐ Laysan Island	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Lisianski Island, Neva Shoal	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Pearl and Hermes Atoll	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Midway Atoll	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Kure Atoll	☐ Land-based	☐ Shallow water	☐ Deep water
☐ Other			

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

Location Description:
Mokumanamana is a small, isolated island remnant at the northwestern end of the main Hawaiian Islands, within what is now called Papahānaumokuākea Marine National Monument (or the Northwestern Hawaiian Islands). Mokumanamana is located another 240 km NW of Kauaʻi and have numerous cultural sites that are significant to our Hawaiian identity and heritage.

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 this trip is to reconnect Hawaiian cultural practitioners with this important part of our homeland, Papahānaumokuākea. Through this experience we hope to learn more about these sacred islands through honoring them and carefully observing the celestial elements- the moon, the stars, the clouds, the rains, the sun and the earthly forms in the ocean, on the land, and the cultural sites made by our ancestors. We will draw upon our background and knowledge of the traditional pule (prayers), mele (songs, chants), 'ōlelo no'eau (sayings and epithets), wahi pana (famous places), mo'okū'auhau (genealogies), and ko'ihonua (creation stories) to inform our experiential research.

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?*

All participants will have had an in-depth briefing and orientation on the island of Mokumanamana by Monument staff and archaeologist and cultural practitioner Kekuewa Kikiloi. All participants are trained cultural practitioners that possess knowledge on the specific cultural, historical and scientific imporatnce of the Monument, specifically Mokumanamana and Nihoa. The participants will also abide by all quarantine and packing protocols established by the Monument and undergo a section 106 National Historic Preservation Act consultation with the State Historic Preservation Division.

All participants will continue their cultural and safety graining prior to accessing the Monument. The training will be facilitated by Monument staff and archaeologists knowledgable about accessing Mokumanamana. All participants will abide by the safety rules and guidelines pertaining to the health and welfare of the flora, fauna and archaeological sites of Mokumanamana. All participants possess a deep and personal respect for the significance of the ancestral islands of Mokumanamana and Nihoa and of our kupuna.

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?

This activitiy is aligned with the management direction of the Monument and with Presidential Proclamation 8031. The proposed activities are designed to enhance Hawaiian cultural knowledge and are intended not for commercial purposes. All proposed activities will be conducted by knowledgeable and respected Native Hawaiian cultural practitioners and will benefit the resources of Papahānaumokuākea as well as the greater Native Hawaiian community through further understanding and increased clarity regarding the cultural resources of

Papahānaumokuākea and specifically Mokumanamana and its position with space and time. Further activity will bring together other similar sites and the linkages of these sites, no ecological or cultural resources will be removed from the island. No activity will deliberately cause harm or disruption to any resources on the island. All proposed activities will increase the cultural knowledge of the island.

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 other side in the Hawaiian archipelago that is as far north, and possesses cultural sidet which allow for the mapping and recording of the Solstices and Equinoxes. Papahānaumokuākea provide an unprecedented opportunity to align chants, stories and cultural remnants. The solitude, distance, certitude and human challenge to travel to inhospitable sites such as Mokumanamana and Nihoa reveals Hawaiians' fortitude to attain the sacred; Mokumanamana was the crossroads beyond the sacred because of its position with the sun.

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. Visiting Mokumanamana is the only way to record possible activities on the islands by Hawaiian ancestors. All proposed activities completed during the winter solstice will add to the hypotheses initially developed by Native Hawaiian cultural scholars.

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

The time requested in this application is sufficient to complete the activities intended for the duration of the winter solstice as recorded by the Navy. The 24 hour period of sun rises and sets, moon rises and sets and star rises and sets allows the minimal amount of time for the particular study without critically impacting the resources.

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

Many of the members of this respective applicant group have accessed Mokumanamana and Nihoa in the past and have experience on the two islands. The current applicant group also possess one hundred and eight years of combined cultural involvement between them. All participants have also been involved in ceremony, conducting ceremony, research, collection of cultural data, translation from Hawaiian to English and were chosen for their intelligence, passion, knowledge and their ability to coexist while on the trip. Members of this participant group have also been involved with Kaho'olawe and are aware of the special protocols surrounding protected areas.

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 a vessel for the duration of the trip. Resources have also been secured to

initiate pre-access training and orientation sessions as well as to conduct post activity recordation of observations and findings.

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 members of the group are familiar with cultural sites throughout the islands and have studied their uses, purposes and their positions to the respective environment, horizontally and vertically and will conduct their studies on island with the same method of familiarity. Prior cultural groups to the islands have recorded cultural sites and this record will be used as a study tool prior to accessing the islands. Compass points will be established, and data will be collected on the rising and setting of the sun, moon and stars and will be measured according to the uprights at the time of the winter solstice. The proposed methods and procedures are in-line with accepted cultural behaviors and scientific procedures.

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

Our vessel will comply with all regulations and be outfitted with a type-approved Vessel Monitoring System prior to departure.

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

No.

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.

No material will be collected on this trip. All data collected will be for the sole purpose of better understanding the relationship of Mokumanamama to the Tropic of Capricorn during the winter solstice. No data will be sold or used for commercial purposes.

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.

From December 17-24, 2009 our cultural protocol group plans on going to Mokumanamana Island for the purposes of Hawaiian cultural and spiritual practice. The main objective of the expedition is to conduct ceremonies during the time of the winter solstice. The winter solstice is a time of change in which the sun reaches its southern most trajectories as it rises and sets across the globe. In Hawaiian tradition it is believed that during this period, on this specific island of Mokumanamana, people reach their spiritual potential and are able to reconnect with their ancestors in meaningful ways. We are also going to conduct cultural research regarding traditional use of the island of Mokumanamana as it astronomically relates to the movement of the sun over the cultural sites located on Mokumanamana. Mokumanamana is a small rugged islands located approximately 240 km northwest from the island of Kaua'i. Mokumanamana

Island has over 52 cultural sites, 33 of which are ceremonial sites (heiau) which is further testimony to the spiritual significance this island plays in Hawaiian traditions, cosmology and beliefs.

Previous researchers have hypothesized the important spiritual role both Nihoa and Mokumanamana islands might have played in the past due to its proximity to this northern path called the "Tropic of Cancer" (Kikiloi 2006, Re-connecting with Ancestral Islands, Report by Kamakakūokalani Center for Hawaiian Studies for NOAA; William Liller 2000 Astronomical Implications of an island on the Tropic of Cancer, in Rapa Nui Journal). In Hawaiian traditions, this northern pathway of the sun was called "ke ala nui polohiwa a Kāne," 'the dark shining pathway of Kāne." This research expedition will seek to understand the function the northern tropic might have played in relation to the heiau (ceremonial sites) on the island, and cultural implications this might have to our understanding of contemporary Hawaiian practices, beliefs, and identity. The southern pathway of the sun is call "ke alanui polohiwa a Kanaloa," "the dark shining pathway of Kanaloa." This trip is to comprehend the sun in the southern hemisphere and its effect on this island.

For Mokumanamana Island, we are proposing only to go on-island to conduct ceremonies and in observance of the movement of the Sun and its impact on the uprights, and other celestial bodies, on the days of December 17- 24- during the time of solstice. A number of days are required in order to observe both the rising and setting of the sun in relation to the different ceremonial sites on the island. We are proposing that up to six to eight people be able to access the island (depending on the ship we select, and the number of potential berths). We will also be reserving a berth for one U. S. Fish and Wildlife escort personnel should this be required of us.

*Attached is a detailed schedule of our proposed expedition.

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

The proposed activity benefits the resources of the Northwestern Hawaiian Islands because it perpetuates age old traditions of our ancestors who made pilgrimages to the island of Mokumanamana and for religious purposes. Mokumanamana plays a unique role in facilitating the continued connection between the ancestors and descendents, through the spiritual (pō, lit. darkness, creation) and physical (ao, lit. light, and emergence) realms. The heiau or ceremonial sites on Mokumanamana are a conduit that which channels our collective prayers and offerings on the solstice and amplifies them to all of our ancestors who receive them in the afterlife.

These types of cultural activities benefits the Native Hawaiian community because it allows us to understand the architectural structure of luakini and other types of heiau built, it strengthens the reciprocal relationship and spiritual life force (mauli ola) between Hawaiian ancestral practices and living descendents (the living Hawaiian community). The continuation of ho'omana (worship), lololo (intelligence) and honoring our kūpuna (ancestors), gives renewed strength to our community and directly impacts the spiritual health and well being of every Native Hawaiian today.

This activity will also indirectly benefit the management of the resources because the experiences gained here will likely contribute towards any future development of a Monument Cultural Access Plan for the region. Through previous communication with the NWHI Native Hawaiian Cultural Working Group, we've demonstrated our commitment to helping provide critical cultural advice on key management issues. We hope to continue this relationship in the future.

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 Hawaiian to the Northwestern Hawaiian Islands by building upon generations of experience of our kūpuna (ancestors) that went to islands before us. In contemporary times, the resurgence of traditional voyaging by the Hōkūle'a and Hōkūalaka'i has helped a new generation of Native Hawaiians to see and experience these famous lands of their ancestors with their own eyes. All of these new stories and experiences lend to the continuation of our connection to this area and the continuation of our history there. In order to advance traditional knowledge, Native Hawaiians need to continue to access and interact with this region.

Traditional knowledge is a system of understanding, and a way of living based on the environment. There are very few places in existence in the Native Hawaiian universe that are untouched by man. With the continued over-development of our main Hawaiian islands, remote places (that are in their natural state of being) like the Northwestern Hawaiian Islands are the only places where this type of spiritual human/nature interaction can happen. Access to these types of resources and cultural sites play an ever critical role to the survival of traditional Hawaiian knowledge and the perpetuation of cultural and spiritual practices.

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

If we are permitted to sustenance fish, all fish caught on this trip will be consumed on the trip and in the Monument.

8. Procedures/Methods:

Concerning Mokumanamana (June 22, 23, 24)

Our group will anchor off Mokumanamana Island and send six to eight people on island for the duration of one full day (24 hours) to conduct necessary cultural ceremonies and also to observe the celestial movements in relation to various points on island, particularly the rising and the setting of the sun in regards to the Winter Solstice. We will be very careful to observe all rules to maintain the ecological integrity of the island, and of course conduct ourselves in the proper manner as to not disturb or damage any cultural sites. A ship berth has been reserved for a USFWS employee to escort us on the trip, and to also go on-island should this be required of us.

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding, as a customized application will be needed. For more information, contact the Monument office on the first page of this application.

9a. Collection of specimens - collecting activities (would apply to any activity): organisms or objects (List of species, if applicable, attach additional sheets if necessary): no collection of specimens will be required.

Common name: n/a

Scientific name: n/a

Hawaiian 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

• 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:

For on island access on Mokumanamamana, offerings will be left on the ahu (platforms) of certain ceremonial sites. At this time, we have not planned what offerings will be brought, but we are familiar with the rules of U. S. Fish and Wildlife Service concerning live material and the potential introduction of invasive species. We will comply with all rules and regulations to ensure that proper biological protocols and standards are upheld.

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

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:

This expedition will be a collaborative effort between four Hawaiian organizations, Kamakakūokalani, U. H. Center for Hawaiian Studies (Hawaiÿi Nui Äkea), the Edith Kanaka'ole Foundation (EKF), Hawaiÿi Community College (Hawaiian Studies, HCC) and Kamehameha Investment Corporation (KIC).

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

A write up summary will be done after the completion of the expedition. Likewise, appropriate photographs and pictures will be submitted to be used for educational purposes. If academic journal articles or publications come out from this trip in the near future copies will be sent to the Native Hawaiian Cultural Program for the NWHI Marine National Monument.

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

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

Papahānaumokuākea Marine National Monument
Compliance Information Sheet

1. Updated list of personnel to be covered by permit. List all personnel names and their roles here (e.g. John Doe, Diver; Jane Doe, Field Technician, Jerry Doe, Medical Assistant): Pualani Kanakaole Kanahele
Leighton Tseu (Capt.)
Norman Piianaia (Capt.)
Kalei Tsuha
Ulumauahi Kealiikanakaoleohaililani
Mahealani Pai
Kaumakaiwa Kanakaÿole
(Others to be determined)

2. Specific Site Location(s): (Attach copies of specific collection locations):
Mokumanamana Island

3. Other permits (list and attach documentation of all other related Federal or State permits): Not Applicable

3a. For each of the permits listed, identify any permit violations or any permit that was suspended, amended, modified or revoked for cause. Explain the circumstances surrounding the violation or permit suspension, amendment, modification or revocation. None

4. Funding sources (Attach copies of your budget, specific to proposed activities under this permit and include funding sources. See instructions for more information): Papahanaumokuakea Marine National Monument
University of Hawaii Kipuka

5. Time frame:
Activity start: December 17, 2009
Activity completion: December 24, 2009

Dates actively inside the Monument:
From: December 17, 2009
To: December 24, 2009

Describe any limiting factors in declaring specific dates of the proposed activity at the time of application:

Personnel schedule in the Monument: All personnel will enter aboard vessel Makani Olu, personnel will travel to Mokumanamana Island only. No other Islands will be visited.

6. Indicate (with attached documentation) what insurance policies, bonding coverage, and/or financial resources are in place to pay for or reimburse the Monument trustees for the necessary search and rescue, evacuation, and/or removal of any or all persons covered by the permit from the Monument: All personnel will purchase DAN insurance prior to entering the Monument.

7. Check the appropriate box to indicate how personnel will enter the Monument:

☒ Vessel
☐ Aircraft

Provide Vessel and Aircraft information:

8. The certifications/inspections (below) must be completed prior to departure for vessels (and associated tenders) entering the Monument. Fill in scheduled date (attach documentation): All necessary inspections will take place prior to entering the Monument.

☒ Rodent free, Date:
☒ Tender vessel, Date:
☒ Ballast water, Date:
☒ Gear/equipment, Date:
☒ Hull inspection, Date:

9. Vessel information (NOTE: if you are traveling aboard a National Oceanic and Atmospheric Administration vessel, skip this question):
Vessel name: Makani Olu
Vessel owner: Marimed Foundation For Island
Captain's name:
IMO#:
Vessel ID#:1113517
Flag: USA
Vessel type: School Ship

Call sign: WDA6945
Embarkation port: Honolulu
Last port vessel will have been at prior to this embarkation:
Length: 76.5
Gross tonnage: 68
Total ballast water capacity volume (m3):
Total number of ballast water tanks on ship:
Total fuel capacity:
Total number of fuel tanks on ship:
Marine Sanitation Device:
Type:

Explain in detail how you will comply with the regulations regarding discharge in the Monument. Describe in detail. If applicable, attach schematics of the vessel's discharge and treatment systems: We will comply with all Monument regulations, including not discharging anything in the State Marine Refuge.

Other fuel/hazardous materials to be carried on board and amounts:

Provide proof of a National Oceanic and Atmospheric Administration (NOAA) Office of Law Enforcement-approved Vessel Monitoring System (VMS). Provide the name and contact information of the contractor responsible for installing the VMS system. Also describe VMS unit name and type:

A Vessel Monitoring System will be installed prior to departure. The unit is a Faria Watchdog which is type-approved for use in the Monument.

VMS Email:
Inmarsat ID#:

* Individuals MUST ENSURE that a type-approved VMS unit is installed and that its automatic position reports are being properly received by the NOAA OLE system prior to the issuance of a permit. To make sure your VMS is properly configured for the NOAA OLE system, please contact NOAA OLE at (808) 203-2503 or (808) 203-2500.

* PERMITS WILL NOT BE ISSUED TO INDIVIDUALS ENTERING THE MONUMENT VIA VESSEL UNTIL NOAA OLE HAS CONTACTED THE MONUMENT PERMIT COORDINATOR WITH A 'POSITIVE CHECK' READING.

10. Tender information:

On what workboats (tenders) will personnel, gear and materials be transported within the Monument? List the number of tenders/skiffs aboard and specific types of motors:

Additional Information for Land Based Operations

11. Proposed movement of personnel, gear, materials, and, if applicable, samples:

12. Room and board requirements on island: N/A

13. Work space needs: N/A

DID YOU INCLUDE THESE?

- ☐ Map(s) or GPS point(s) of Project Location(s), if applicable
- ☐ Funding Proposal(s)
- ☐ Funding and Award Documentation, if already received
- ☐ Documentation of Insurance, if already received
- ☐ Documentation of Inspections
- ☐ Documentation of all required Federal and State Permits or applications for permits