

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

August 12, 2011

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 Hilo, Kipuka Native Hawaiian Student Center for Access to State
Waters to Conduct Autumnal Equinox 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), chapter 13-60.5, 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 September 5, 2011 through September 30, 2011.

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 Ka Piko o Wākea with the island of Mokumanamana during the autumnal equinox. 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 Autumnal equinox. 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 no more than ten people on island for the duration of September 17-24 to conduct

necessary cultural ceremonies and also to observe the celestial movements in relation to various points on island. In addition, the types of rocks used for the manamana, the shape and condition of the rock, and their placement on the paehumu (platform) would be noted. All evidence gathered by the group would be compared to Hawaiian literature, both chant form, narrative and stories. Lastly, the group would subsistence fish in waters surrounding Mokumanamana. Fish would be caught for the practice of consuming mana and attributes from that specific sea and landscapes. At this time, the group would not be offering any flesh for cultural ceremonies.

Similar trips were made by the applicant to Mokumanamana during summer solstice in 2007 and winter solstice in 2009.

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

- Possessing fishing gear except when stowed and not available for immediate use during passage without interruption through the Monument

- Subsistence Fishing

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 June 10th, 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. The following concerns were raised:

1. *While on Mokumanamana, will the group be camping/cooking/establishing temporary shelter, or will they return to their vessel within this 48-hour period to rest/eat/take care of other physical needs?*

The Applicant explains that the group would arrive with rations for the time spent on the island. Teams of three would be sleeping at various spots on the island. Temporary shelter would consist of a tarp and bivy sack with blanket. Each person would take with them their sleep gear; field equipment of compass, camera & paper/pen; prepared rations including dried aku/ulu/kalo/water & snacks for the time spent on the island. All refuse will be carried off of the island. It is the Applicant's intended policy to leave Mokumanamana in a better condition than when the group arrived.

2. *Please describe the proposed fishing / gathering activities while in the Monument. For example, what gear type would be used while fishing, and what different species of fish would be targeted for consumption? Will there be any fish caught not consumed in the Monument; perhaps caught for a cultural practice or offering?*

The Applicant explains that the group would gather fish with the use of rod and reel style equipment. The group would not target any specific species. Hawaiian cultural practice is not to name any fish prior to catching it as the 'olelo no'eau practice states, "He mau pepeiao ko ka i'a." Fish have ears, meaning that if the group was to state their catch, the fish would hear and the activity would be compromised. The main focus for this trip would not be this fishing activity. Fish would be caught for the practice of consuming mana and attributes from that specific sea/land scape. At this time, the group would not be offering any flesh for cultural ceremonies.

3. *Will the Polynesian voyaging canoe, Makali'i be anchoring in the Monument? How will the Makali'i be stabilized off Mokumanamana?*

The Applicant explains that the Makali'i will not be joining this expedition. However, when the Makani Olu intends to anchor, divers would be sent into the water to find appropriate anchoring substrate minimizing any damage to the coral and sea floor.

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.
- National and State Historic Preservation Act Section 106 consultation (pending)
- The Department has made an exemption determination for this permit in accordance chapter 343, HRS, and Chapter 11-200, HAR. See Attachment (“DECLARATION OF EXEMPTION FROM THE PREPARATION OF AN ENVIRONMENTAL ASSESSMENT UNDER THE AUTHORITY OF CHAPTER 343, HRS AND CHAPTER 11-200 HAR, FOR PAPAHAŌNAUMOKUĀKEA MARINE NATIONAL NATIVE HAWAIIAN PRACTICES PERMIT TO DR. PUALANI KANAKA'OLE KANAHELE, UNIVERSITY OF HAWAII AT HILO, KIPUKA NATIVE HAWAIIAN STUDENT CENTER, FOR ACCESS TO STATE WATERS TO CONDUCT AUTUMNAL EQUINOX CULTURAL RESEARCH ACTIVITIES UNDER PERMIT PMNM-2011-036”).

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 and PMNM-2009-023 for similar activities in 2007 and 2009.

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

STAFF OPINION

DAR staff is of the opinion that Applicant has 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 certain special instructions and conditions, which are in addition to the Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit General Conditions. All suggested special conditions have been vetted through the legal counsel of the Co-Trustee agencies (see Recommendation section).

MONUMENT MANAGEMENT BOARD OPINION

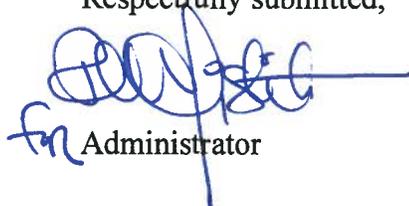
The MMB is of the opinion that the Applicant has met the findings of Presidential Proclamation 8031 and this activity may be conducted subject to completion of all compliance requirements. The MMB concurs with the special conditions recommended by DAR staff.

RECOMMENDATION:

Based on the attached proposed declaration of exemption prepared by the department after consultation with and advice of those having jurisdiction and expertise for the proposed permit actions:

1. That the Board declare that the actions which are anticipated to be undertaken under this permit will have little or no significant effect on the environment and is therefore exempt from the preparation of an environmental assessment.
2. Upon the finding and adoption of the department's analysis by the Board, that the Board delegate and authorize the Chairperson to sign the declaration of exemption for purposes of recordkeeping requirements of chapter 343, HRS, and chapter 11-200, HAR.
3. That the Board authorize and approve a Native Hawaiian Practices Permit to Dr. Pualani Kanaka'ole Kanahale, University of Hawaii at Hilo, Kipuka Native Hawaiian Student Center, for Papahānaumokuākea Marine National Monument, with the following special conditions:
 - a. To prevent introduction of disease or the unintended transport of live organisms, the permittee must comply with the disease and transport protocols attached to this permit.
 - b. Tenders and small vessels must be equipped with engines that meet EPA emissions requirements.
 - c. 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

Respectfully submitted,



fn Administrator

APPROVED FOR SUBMITTAL



William J. Aila, Jr.

for 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 Kanahahele

Affiliation: University of Hawaii at Hilo - Kipuka Native Hawaiian Student Center, Edith Kanaka'ole Foundation (EKF), Hawai'i Community College (HCC).

Permit Category: Native Hawaiian Practices

Proposed Activity Dates: September 15 - 25

Proposed Method of Entry (Vessel/Plane): 2 Vessels

Proposed Locations: Mokumanamana

Estimated number of individuals (including Applicant) to be covered under this permit: 17
+ 16 on the canoe.

Estimated number of days in the Monument: 10

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...

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

The two summer solstice and one winter solstice trips established the ancestral alignments with several of the manamana or uprights on the island. The necessity of this autumnal equinox trip is to establish the central focal celestial and terrestrial alignments of Ka Piko o Wākea with this island. There are postulations and hints to the central arrival of the sun on its movement. Clues of the equinoxal recordation are evident by many of the manamana investigated on Mokumanamana. We want to be able to observe and record these alignments with the rising and settings of the sun for the equinox cycle at this time of the year.

b.) To accomplish this activity we would

We would assign five groups of two people on each of the pu‘u for the sunrise and the sunset. They would look at the shadows cast by the sun during the time when the sun enters into the celestial zone where a phenomenon called the "Ke'eke'e" will occur on the celestial dome. Ke'eke'e is the north south path the sun makes on both the rising and setting where refraction occurs. The researchers will record the shadows of the pivotal manamana (uprights) with the location of the sun just as it either exists or enters the ocean.

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

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

All of these discoveries will be compared to research collected in Hawaiian literature, both chant form, narrative and stories.

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

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

Other information or background: There will be a total of 33 individuals participating. However, only 10 people will be embarking and accessing the island.

Section A - Applicant Information

1. Applicant

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

Title: Dr.

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

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 Hawai'i at Hilo - Kipuka Native Hawaiian Student Center, Edith Kanaka'ole Foundation (EKF), and Hawai'i Community College (HCC).

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 Kanaka'ole Kanahale

Leighton Tseu (Capt)

Norman Pi'ianai'a (Capt)

Chad Onohi Paison (Capt for Makali'i)

Pomai Bertelmen (Capt for Makali'i)

Kalei Nu'uhiwa (Crew & Researcher)

Ulumauhi Keali'ikanaka'oleohaililani (Crew & Researcher)

Keala Kanaka'ole (Crew & Researcher)

Huihui Kanahale-Mossman (Crew & Researcher)

Luka Mossman (Crew & Researcher)

Hi`ilei Kawelo (Crew & Researcher)
Kawele Nelson-Kaula (Crew & Researcher)
Ulalia Woodside (Crew & Researcher)
Syd Kawahaku`i (Crew & Researcher)
Hokulani Holt (Crew)

Makali`i Crew members
(Others to be determined)

Section B: Project Information

5a. Project location(s):

<input type="checkbox"/> Nihoa Island	<input type="checkbox"/> Land-based	<input type="checkbox"/> Shallow water	<input type="checkbox"/> Deep water
<input checked="" type="checkbox"/> Necker Island (Mokumanamana)	<input checked="" type="checkbox"/> Land-based	<input checked="" type="checkbox"/> Shallow water	<input 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

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 island chain, within what is now called Papahānaumokuākea Marine National Monument (or the Northwestern Hawaiian Islands). Mokumanamana is located another 240 km NW of Kaua'i and has 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, stars, planets, clouds, rains, sun and other earthly forms in the ocean, on the land, and with the cultural sites made by our ancestors. We will draw upon our extensive background research and knowledge of the traditional *pule* (prayers), *mele* (songs, chants), *'ōlelo no'eau* (proverbs & epithets), *wahi pana* (famous places), *wahi kapu* (sacred spaces), *mo'okū'auhau* (genealogies), and *ko'ihonoua* (creational recordations) to inform our experiential research.

There will be two vessels sailing up to Mokumanamana and back. The first vessel is a three masted schooner named Makaniolu. This vessel will be carrying the main research team. The second vessel is the double hulled canoe called Makali'i. Makali'i is a traditional Hawaiian double hulled canoe. The Makali'i crew's task is to relocate the starlines and important celestial events that were used for traditional open ocean voyaging when Hawaiians sailed up to Mokumanamana during the Fall equinox. We will only be accessing Mokumanamana on this expedition. There are no plans to go to Nihoa unless it is necessary to take shelter on the lee of the island.

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 of the island of Mokumanamana. The three day training course is scheduled for May 20 - 22, 2011. Orientation and training includes, Boat safety and boat procedures, hazardous open water procedures, emergency procedures on the ship, inflatable & on Mokumanamana, Cultural protocols, ceremonies and religious rituals, celestial and terrestrial orientation. Site description and research/study procedures, detailed camera use and on island procedures, traditional Hawaiian measurements, previous documentation of sites, compass use and compass procedures on Mokumanamana. The biological and ecological resource orientation, egg/chick avoidance, subsistence fishing while underway in the designated approved areas, gear preparation and packing procedures safety will be given by Kalei Nu'uhiwa. All participants are trained cultural practitioners that possess and have contributed to the knowledge on the specific cultural, historical and scientific importance of the Monument, specifically Mokumanamana. 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 training prior to accessing the Monument. The training will be facilitated by Monument staff and archaeologists knowledgeable 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 of our kūpuna.

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 activity 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 time and space. 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 site in the Hawaiian archipelago that is as far north, and possesses cultural significance uninterrupted by the daily activities of man 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 the inhospitable sites such as Mokumanamana and Nihoa reveals Hawaiians' fortitude to attain the sacred; Mokumanamana was and still remains the crossroads, or the threshold beyond the sacred because of its natural position on earth with the celestial trek of the sun in the atmosphere.

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 place 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, as well as 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 previously and have experience with 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 complex and extensive training & practice with conducting ceremony, research, collection of cultural data, translation of literature from Hawaiian to English and were specifically 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 extremely sensitive and 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 intimately familiar with cultural sites throughout the islands and have studied the uses, functions and positions to the respective environment, horizontally and vertically and will conduct their studies on the island with the same method of familiarity. Prior cultural groups to the islands have recorded cultural sites and these records 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 manamana (uprights) at the time of the winter solstice. The proposed methods and procedures are in-line with accepted cultural behaviors and scientific methodology and 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 the departure date.

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 Mokumanamana and the sun's celestial movement during the autumnal equinox. 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 September 14 - 24, 2010, our cultural protocol group intends to go to Mokumanamana Island for the purposes of conducting Hawaiian cultural & spiritual practice. The main objective of the expedition is to conduct ceremonies during the time of the autumnal equinox. The autumnal equinox is a time when the sun arrives amid the intersecting of two hemispheres. The sun will be exiting the northern realm of Kāne and entering into the southern realm of Kanaloa. During the equinox the sun passes through neutral space that belongs to both Kāne and Kanaloa. In Hawaiian tradition it is believed that during this time period, people can reach the culmination and apogee of spirituality from both realms and reconnect to their gods and ancestors meaningfully. Our group will conduct culturally appropriate research regarding traditional use of the island of Mokumanamana as it astronomically relates to the climax of the sun's movement over the sites located on the island. Mokumanamana is a small rugged island 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.

Previously, our 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," (Kikilo'i 2006), (Liller 2000). Recently, through the observations and recordations made by the researchers and recordings of the group who accessed the island during the sun's alignment towards the southern boundary called the "Tropic of Capricorn." In Hawaiian traditions, the northern boundary was called, "ke ala polohiwa a Kāne," the southern boundary was called, "ke ala polohiwa a Kanaloa," and the focal center was called, "ka piko o Wākea (Tsuha 2007). This trip is to observe and study the effects the sun will have on the various manamana (uprights) and paeumu (platforms) located on the island.

For Mokumanamana Island, we are proposing only to go on-island to conduct ceremonies and study the movement of the Sun and its impact on the manamana, as well as other celestial bodies on the same manamana on the days of September 17 - 24 during the time of the equinox. A number of days are required in order to optimally study both the rising and setting of the sun in relation to the different ceremonial sites on the island. We are proposing that no more than 10 people be allowed to access the island, pending on selected vessel and the number of potential berths. We will also be reserving a berth for one designated U.S. Fish and Wildlife escort personnel should this be a requirement.

*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 Hawaiian ancestors who made pilgrimages to the island of Mokumanamana for religious purposes. We will follow in their footsteps. Mokumanamana plays a unique role in facilitating the continued connection between the Hawaiian ancestors and descendants, through the spiritual (pō, lit. darkness, creation) and the physical (ao, lit. light, and emergence) realms. The pae humu or ceremonial sites on Mokumanamana are a conduit 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 descendants (the living Hawaiian community). The continuation of ho'omana (worship), lololo (intelligence) and honoring of our kūpuna (ancestors). It 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 Hawaiians to the Northwestern Hawaiian Islands by building upon generations of experience of our kūpuna (ancestors) that went to these 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 with their own eyes, reawakening ancestral memories locked away within each individual. All of these new stories and experiences lend to the continuation of our connection to this area and the continuation of our history there on Mokumanamana. In order to advance traditional knowledge, it is pertinent that Native Hawaiians continue to access and interact with that region.

Traditional knowledge is a system of understanding, and a method of living based on the cycles of the environment. There are very few places in existence within the Native Hawaiian universe that are untouched by man. With the continued over-development of our main Hawaiian islands, remote places (that are as close to their nature state as possible) like the islands within Papahānaumokuākea are critical for the spiritual human/nature interaction essential for survival. Access to these types of cultural sites and their resources play a momentous role in the survival of traditional knowledge of Hawaiian methodologies and practices of Hawaiian spirituality.

Another advancement would be the applicable learning the double hulled crew members will be engaging as to date there have been no more than two voyages up towards these islands utilizing traditional navigational methods to sail towards and return from Mokumanamana. This applied knowledge is valuable to the understanding of how Hawaiians traditionally accessed the island from Hawai'i.

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 during the trip and within the Monument.

8. Procedures/Methods:

Our group will anchor off Mokumanamana Island and send ten researchers on island for the duration of 48 hours to conduct necessary cultural ceremonies and research of the celestial movements in relation to various points on the island, particularly recording the rising and setting of the sun in regards to the Autumnal Equinox. We will be deliberately observe and comply with all the policies and rules that maintain the healthy ecological integrity of the island's natural resources, and will conduct ourselves in the appropriate manner as to avoid any damage or distruption of the cultural sites. A ship berth has been reserved for a designated USFWS employee or representative as an escort for this trip.

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):

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:

n/a

• Is it an open or closed system? Open Closed

n/a

• Is there an outfall? Yes No

n/a

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

n/a

• Will organisms be released?

n/a

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

n/a

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

n/a

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

n/a

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

n/a

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

This expedition will be a collaborative effort between four Hawaiian organizations. They are: Kamakakūokalani, U.H. Center for Hawaiian Studies (Hawai'inuiākea), the Edith Kanaka'ole Foundation and the Hawai'i Community College.

15a. Will you produce any publications, educational materials or other deliverables?

Yes No

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

A written 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 are to be written, copies will be sent to the Native Hawaiian Cultural Program for the NWHI Marine National Monument.

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): Dr. Pualani Kanahale, Principle Investigator; Harry Sprague, Captain; Steven Chamberlain, Captain; Matthew Claybaugh, Captain; Norman Pi'ianai'a, Captain & researcher; Leighton Tseu, Quartermaster; Kalei Nu'uhiwa, researcher; Hokulani Holt, researcher; Huihui Kanahale-Mossman, researcher; Keala Kanaka'ole, researcher; Ulalia Woodside, researcher; Hi'ilei Kawelo, researcher; Luka Mossman, researcher; Ulumauahi Keali'ikanaka'ole, researcher; Syd Kawahakui, researcher; Kawele Kaula, researcher.

2. Specific Site Location(s): (Attach copies of specific collection locations): Each pu'u/hill of Mokumanamana will be studied.

3. Other permits (list and attach documentation of all other related Federal or State permits):

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.

4. Funding sources (Attach copies of your budget, specific to proposed activities under this permit and include funding sources. See instructions for more information): This work is to be supported by NOAA & OHA.

5. Time frame:

Activity start: September 14, 2011

Activity completion: September 24, 2011

Dates actively inside the Monument:

From: September 16, 2011

To: September 23, 2011

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

Personnel schedule in the Monument: Please see the attached float plan.

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:

Each participant has signed up for the Divers Alert Network insurance policy.
The Edith Kanaka'ole Foundation

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

- Vessel
 Aircraft

Provide Vessel and Aircraft information: The Makani 'Olu is owned and operated by Marimed Foundation, a non-profit organization involved with sail training since 1988. The 96-foot, three-masted staysail schooner, retrofitted for sail training in Hawaiian waters.

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):

This will be scheduled by Captain Harry Sprague & Leighton Tseu. Documentation will be sent upon completion.

- 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
Captain's name: Harry Sprague
IMO#:366837840
Vessel ID#: 1113517
Flag: USA
Vessel type: SAIL/AUX
Call sign: WDA6945
Embarkation port: Kaneohe Bay

NEIL ABERCROMBIE
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES
DIVISION OF AQUATIC RESOURCES
1151 PUNCHBOWL STREET, ROOM 330
HONOLULU, HAWAII 96813

WILLIAM J. AILA, JR.
CHAIRPERSON
BOARD OF LAND AND NATURAL RESOURCES
COMMISSION ON WATER RESOURCE MANAGEMENT

GUY KAULUKUKUI
FIRST DEPUTY

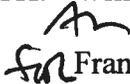
WILLIAM M. TAM
DEPUTY DIRECTOR - WATER

AQUATIC RESOURCES
BOATING AND OCEAN RECREATION
BUREAU OF CONVEYANCES
COMMISSION ON WATER RESOURCE MANAGEMENT
CONSERVATION AND COASTAL LANDS
CONSERVATION AND RESOURCES ENFORCEMENT
ENGINEERING
FORESTRY AND WILDLIFE
HISTORIC PRESERVATION
KAHOOLAWE ISLAND RESERVE COMMISSION
LAND
STATE PARKS

August 12, 2011

TO: Division of Aquatic Resources File

THROUGH: William J. Aila, Jr., Chairperson

FROM:  Francis Oishi
Division of Aquatic Resources

SUBJECT:

DECLARATION OF EXEMPTION FROM THE PREPARATION OF AN ENVIRONMENTAL ASSESSMENT
UNDER THE AUTHORITY OF CHAPTER 343, HRS AND CHAPTER 11-200 HAR, FOR
PAPAHĀNAUMOKUĀKEA MARINE NATIONAL MONUMENT NATIVE HAWAIIAN PRACTICES
PERMIT TO DR. PUALANI KANAKA'OLE KANAHELE, UNIVERSITY OF HAWAII AT HILO, KIPUKA
NATIVE HAWAIIAN STUDENT CENTER, FOR ACCESS TO STATE WATERS TO CONDUCT AUTUMNAL
EQUINOX CULTURAL RESEARCH ACTIVITIES UNDER PERMIT PMNM-2011-036

The following permitted activities are found to be exempted from preparation of an
environmental assessment under the authority of Chapter 343, HRS and Chapter 11-200, HAR:

Project Title:

Papahānaumokuākea Marine National Monument Native Hawaiian Practices Permit to Dr.
Pualani Kanaka'ole Kanahale, University of Hawaii at Hilo, Kipuka Native Hawaiian Student
Center, for Access to State Waters to Conduct Autumnal Equinox Cultural Research Activities

Permit Number: PMNM-2011-036

Project Description:

The Native Hawaiian practices permit application, as described below, would allow entry and
activities to occur in Papahānaumokuākea Marine National Monument (Monument), including
the NWHI State waters from September 5, 2011 through September 30, 2011.

The applicant proposes to examine the alignment of Ka Piko o Wākea with the island of
Mokumanamana during the autumnal equinox. 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
Autumnal equinox. To conduct the proposed activities, the group would anchor off
Mokumanamana and send no more than ten (10) people on island for the duration of September
17-24 to conduct necessary cultural ceremonies and observations for this documentation.

ITEM F-1c

The proposed activities are in direct support of the Monument Management Plan's priority management need 3.1 – Understanding and Interpreting the NWHI (through action plan 3.1.2 – Native Hawaiian Culture and History). This action plan calls for the conduct, support, and facilitation of Native Hawaiian cultural access and research of the NWHI. It specifically notes support for cultural research that helps in understanding ancestral connections related to the Monument. Activities to support “enhancing, incorporating, and perpetuating understanding of Native Hawaiian culture and knowledge”, such as those being proposed, are also addressed in the Monument Management Plan Environmental Assessment (December 2008) which resulted in a FONSI. In addition, this EA notes that “identifying research needs, supporting Native Hawaiian cultural access, and incorporating Native Hawaiian traditional knowledge and associated practices into Monument management” could have beneficial effects on Monument resources (PMNM MMP Vol 2, p.192).

Consulted Parties:

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 June 10th, 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.

Exemption Determination:

After reviewing HAR § 11-200-(8), including the criteria used to determine significance under HAR § 11-200-12, DLNR has concluded that the activities under this permit would have minimal or no significant effect on the environment and that issuance of the permit is categorically exempt from the requirement to prepare an environmental assessment based on the following analysis:

1. All activities associated with this permit, including using Native Hawaiian practices to document autumnal equinox alignments at Mokumanmana, have been evaluated as a single action. As a preliminary matter, multiple or phased actions, such as when a group of actions are part of a larger undertaking, or when an individual project is precedent to or represents a commitment to a larger project, must be grouped together and evaluated as a single action. HAR § 11-200-7. This permit does not involve an activity that is precedent to a later planned activity.

2. The Exemption Class for Basic Data Collection with no Serious or Major Environmental Disturbance Appears to Apply. Chapter 343, HRS, and section 11-200-8, HAR, provide for a list of classes of actions exempt from environmental assessment requirements. HAR §11-200-8.A.5. specifically exempts the class of actions which involve “basic data collection, research, experimental management, and resource evaluation activities, which do not result in a serious or major disturbance to an environmental resource.” This exemption class has been interpreted to include natural resource observations, such as those being proposed.

The proposed sky, land, and ocean evaluation activities here appear to fall squarely under the exemption class #5, exempt item #4 as described under the former Fish and Game Division

exemption list published in January 19, 1976. The Native Hawaiian practices of observing and documenting natural resource states are considered data collection. As discussed below, no significant disturbance to any environmental resource is anticipated through the act of observing the Monument resources. Thus, so long as the below considerations are met, an exemption class should include the action now contemplated.

3. Cumulative Impacts of Actions in the Same Place and Impacts with Respect to the Potentially Particularly Sensitive Environment Will Not be Significant. Even where a categorical exemption appears to include a proposed action, the action cannot be declared exempt if “the cumulative impact of planned successive actions in the same place, over time, is significant, or when an action that is normally insignificant in its impact on the environment may be significant in a particularly sensitive environment.” HAR § 11-200-8.B. To gauge whether a significant impact or effect is probable, an exempting agency must consider every phase of a proposed action, any expected primary and secondary consequences, the long-term and short-term effects of the action, the overall and cumulative effect of the action, and the sum effects of an action on the quality of the environment. HAR § 11-200-12. Examples of actions which commonly have a significant effect on the environment are listed under HAR § 11-200-12.

This is the third project proposed to date by this Applicant aimed at documenting celestial alignments at Mokumanama during solstice or equinox time periods. The prior permits that have involved these activities have had no deleterious effects on Monument resources. No significant impacts are anticipated as a result of the proposed access and observation techniques especially since the techniques proposed are non invasive and do not involve the handling of resources to complete the activity. All activities will be conducted in a manner compatible with the management direction of the Monument Proclamation in that the activities do not diminish monument resources, qualities, and ecological integrity, or have any indirect, secondary, cultural, or cumulative effects. The joint permit review process did not reveal any anticipated indirect or cumulative impacts, nor did it raise any cultural concerns, that would occur as a result of these activities.

The activities would be conducted from the NOAA contracted vessel, The Makani Olu (PMNM-2011-036), during September 2011. There are no other proposed activities that would take place from this vessel at that time and as such no anticipated concurrent cumulative impacts.

The NOAA Ship HI'IALAKAI (PMNM-2011-009) is also scheduled to be in the Monument during September 2011, but is not scheduled to perform any activities within the vicinity of Mokumanamana.

The culmination of these permits, occurring throughout the Monument over a 2-week period, is not anticipated to have significant cumulative impacts. The NOAA Ship OSCAR ELTON SETTE (PMNM-2011-008) may also be in the Monument during this time frame facilitating needs of the monk seal camps under the management permit (PMNM-2011-001).

Since no significant cumulative impacts or significant impacts with respect to any particularly sensitive aspect of the project area are anticipated, the categorical exemptions identified above should remain applicable.

August 12, 2011

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4. Overall Impacts will Probably be Minimal and Insignificant. Any foreseeable impacts from the proposed activity will probably be minimal, and further mitigated by general and specific conditions attached to the permit. Specifically, all research activities covered by this permit will be carried out with strict safeguards for the natural, historic, and cultural resources of the Monument as required by Presidential Proclamation 8031, other applicable law and agency policies and standard operating procedures.

Conclusion. Upon consideration of the permit to be approved by the Board of Land and Natural Resources, the potential effects of the above listed project as provided by Chapter 343, HRS and Chapter 11-200 HAR, have been determined to be of probable minimal or no significant effect on the environment and exempt from the preparation of an environmental assessment.

William J. Aila, Jr.
Chairperson, Board of Land and Natural Resources

Date

Last port vessel will have been at prior to this embarkation: Nawiliwili, Kauai.
Length: 96'
Gross tonnage: 68
Total ballast water capacity volume (m3): NONE
Total number of ballast water tanks on ship: NONE
Total fuel capacity: 800GAL
Total number of fuel tanks on ship: 2
Marine Sanitation Device: BLACKTANK 400GAL
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: TANK WILL BE EMPTIED PRIOR TO ENTERING AND AFTER EXITING

Other fuel/hazardous materials to be carried on board and amounts: NONE

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:

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: 2 13FT RIGID INFLATABLES WITH YAMAHA 20HP 4 STROKE ENGINES

Additional Information for Land Based Operations

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

12. Room and board requirements on island: Tarp, Bivy Sack, blanket

13. Work space needs: Environment

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