

Papahānaumokuākea Marine National Monument
CONSERVATION AND MANAGEMENT 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: Gregory Hubner-Master, NOAA Ship McArthur II

Affiliation: National Oceanic and Atmospheric Administration

Permit Category: Conservation and Management

Proposed Activity Dates: 8/1/10 - 12/1/10

Proposed Method of Entry (Vessel/Plane): Vessel

Proposed Locations: Locations the SWFSC is allowed on their permit.

Estimated number of individuals (including Applicant) to be covered under this permit: 24

Estimated number of days in the Monument: 100

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...
operate the McArthur II a 224' National Oceanic and Atmospheric Administration (NOAA) research vessel within the boundaries of the Papahānaumokuākea Marine National Monument. The mission of this vessel is to provide a at sea research support platform for NOAA research activities. Research scientists aboard the vessel will work under separate permits.

b.) To accomplish this activity we would
transport and support research scientists traveling within the Monument.

c.) This activity would help the Monument by ...
providing a data collection platform for scientists to conduct research and conservation management activities in order to preserve and sustain the scientific and cultural significance of the Northwest Hawaiian Islands.

Other information or background:

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Hubner, Gregory C

Title: Master - NOAA Ship McArthur II

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

N/A

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):

U.S. Department of Commerce, National Oceanic and Atmospheric Administration, Office of Marine and Aviation Operations

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, Research Diver; Jane Doe, Field Technician):

Officers and crew of NOAA Ship McArthur II (see attachment 1)

Section B: Project Information

5a. Project location(s):

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

General operations throughout the Papahanaumokuakea Marine National Monument

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

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

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

The purpose of the ships activities are to provide an at sea research platform for Scientists conducting a line-transect marine mammal survey, sea bird survey and oceanographic research in support of approved Monument Permit activities. All operations are for activities permitted by the co-trustees of the Monument as being compatible with the conservation and management goals of the Monument, NOAA USF&FW, and the State of Hawaii.

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?

NOAA Ship McArthur II understands that the name “Papahānaumokuākea” honors Hawaiian genealogy and the creation of the Hawaiian Archipelago. With this understanding, McArthur II will make every effort to conduct their activities with adequate safeguards for the cultural, natural, and historic resources and ecological integrity of the Monument. This will be done by conducting activities aboard McArthur II with as little impact as possible, as demonstrated by the following explanations and scenarios.

In the unlikely event that McArthur II must anchor she will do so in a sandy substrate.

All sustenance fishing activities will occur outside any Special Preservation Areas (SPA).

Sustenance fishing activities outside the SPA’s will take place per Monument regulations, rules and policies.

McArthur II has a holding tank capable of holding sewage and grey-water aboard. In addition, McArthur II has a Type II Marine Sanitation Device capable of treating all liquid in the holding tank. McArthur II has a waste management plan which meets or exceeds the International Convention for the Prevention of Pollution from Ships (MARPOL 73/78) and U.S. Coast Guard regulations and Monument regulations.

As this will be the first trip into the Monument, McArthur II is currently working on obtaining a working Vessel Monitoring System. McArthur II will be in compliance with requirements of Proclamation 8031, signed by the President on June 15, 2006. McArthur II will also maintain all up to date inspections, as follows: Rat free inspection, hull and tender inspection and cleaning, and ballast water inspection.

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? NOAA Ship McArthur II will be the support vessel for scientists conducting marine mammal and sea bird surveys within the Monument. This will assist in assessing the health and abundance of the protected inhabitants within the monument. The McArthur II’s activities will be

conducted in accordance with regulations and in a manner to reduce any impact to the environment and with respect to cultural resources.

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.

The vessel is an at sea research platform to transport scientists and scientific gear to locations throughout the Monument. Without this safe mode of transportation, research and conservation and management activities would be significantly limited or would not occur at all.

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

The McArthur II is the support vessel to conduct activities authorized in a permit for SWFCS to study marine mammals within the Monument. The activities cannot occur without the support vessel.

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

McArthur II will spend no additional time in the Monument than necessary to support operations authorized in the permit for the SWFSC.

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

NOAA Commanding Officers are authorized to operate NOAA Vessels in accordance with annual sailing orders and the fleet allocation plan. NOAA ships are public vessels of the United States and conform to regulations for personnel qualifications and operations. From information on the Monuments website, advice from NOAA Ships Hi'ialakai, and Oscar Elton Sette the applicant is qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct.

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 federal government is self insured.

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 activities will be conducted to support work permitted for SWFSC and with respect to the environmental stewardship and the cultural heritage of the Monument. Applicable Monument, federal and state regulations will be followed.

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

On order

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

All methods and procedures will be performed with the safety and welfare of personnel, the protection of Monument's natural and cultural resources, and the accomplishment of mission objectives as top priorities. Ship's personnel will abide by the NOAA documents: "Marine Wildlife Viewing Guidelines", the "Disease and Introduction Species Prevention Protocol for Permitted Activities in the Marine Environment Papahānaumokuākea Marine National Monument". All crewmembers aboard the vessel are required to read and sign the Papahānaumokuākea Marine National Monument Conservation & Management permit legally abiding by all permit conditions.

8. Procedures/Methods:

The ship will transit to the monument from Pearl Harbor or Hilo, operate within the monument with various research operations, including small boat operations, marine mammal and sea bird observing and oceanographic data collection, all in support of the SWFSC.

Crew activities will include small boat operations, SCUBA, snorkling, and swimming as necessary for vessel maintenance, emergency operations, proficiency, or support of vessel and research activities. The primary operations will be line-transect marine mammal surveys conducted from the ship and oceanographic data collecting at night.

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

& 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 collaborative activities to share samples, reduce duplicative sampling, or duplicative research:

N/A

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

The McArthur II carries two launches.

Work boat-23ft Zodiac with twin 115hp four-stroke outboards

FRB- 22ft Zodiac with a single 115hp four stroke outboard

CTD

SCUBA gear

Sustenance fishing will be with hand lines from the vessel.

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

The ship carries hazardous material for use only onboard the vessel.

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

N/A

15. Provide a time line for sample analysis, data analysis, write-up and publication of information:

N/A

16. List all Applicant's publications directly related to the proposed project:

N/A

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

Attachment 1 - NOAA Ship McArthur II Crew List May 2010

Master	Gregory Hubner
Executive Officer	LT. John Lomnicky
Operations Officer	ENS John Petersen
Navigation Officer	Jon Forgione
Junior Officer	Alice Drury
Junior Officer	Vacant
Chief Boatswain	Brad Delinski
BGL	Dave Hermanson
DU	J. Kevin Lackey
AB	Peter Stoeckle
AB	David LaPointe
AB	Vladimir Zgutnitski
GVA	Ava Dent
ET	Dave Gray
Chief Engineer	James Johnson
1 st Engineer	Julio Lorenzo
2 nd Engineer	William Hance
Oiler	Phil Bianco
Wiper	Linda Halderman
Medical Officer	LT. Eric Tilley
Survey Tech	Vacant
Chief Steward	Art Mercado
2 nd Cook	Luke Staiger
2 nd Cook	Orci Tan