

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

August 8, 2014

Board of Land
and Natural Resources
Honolulu, Hawaii

Request for Authorization and Approval to Issue a Papahānaumokuākea Marine National Monument Research Permit Amendment to Mr. Jacob Asher, National Oceanic and Atmospheric Administration, National Marine Fisheries Service, for Access to State Waters to Conduct Videographic Surveys of Coral Reef Fishes Research Activities

The Division of Aquatic Resources (DAR), on behalf of Applicant Mr. Jacob Asher, National Oceanic and Atmospheric Administration (NOAA), National Marine Fisheries Service (NMFS), hereby submits its request to amend the Board of Land and Natural Resources' (the Board) prior authorization and approval for issuance of a Papahānaumokuākea Marine National Monument research permit to Mr. Jacob Asher, NOAA, NMFS, pursuant to § 187A-6, Hawaii Revised Statutes (HRS), chapter 13-60.5, Hawaii Administrative Rules (HAR), and all other applicable laws and regulations.

AMENDMENT REQUEST

The amendment request seeks the Board's authorization and approval for issuance of a Papahānaumokuākea Marine National Monument (Monument) research permit amendment to Mr. Jacob Asher, NOAA, NMFS.

The Applicant is requesting conduct the activities outlined in his existing permit to an additional PMNM locations; Pearl and Hermes Atoll and Midway Special Preservation Area.

By adding these two locations the permittee would be able to increase the geographic scope/spatial coverage of the baited remote underwater stereo-video systems (stereo-BRUVs) sampling efforts inside the Monument.

The activity benefits the Monument by providing diver-independent and deep-water survey data by using stereo-BRUVs to investigate abundance and size distribution of reef fish species including apex predators. This information would complement the visual survey data gathered from SCUBA-accessible depths (0-30m) and provide a means to test for impacts of diver presence on estimated apex predator densities in the Monument. Similar surveys in the Main Hawaiian Islands would allow for meaning comparative analysis of apex predator densities in Papahānaumokuākea.

The activity directly supports the Monument Management Plan (MMP) Marine Conservation Science (MCS) Action Plan (Strategy MCS-1.2) to “continue monitoring of shallow water coral reef ecosystems to protect ecological integrity” (MMP 2008 Vol. 1, p. 123).

All else in the issued permit shall remain the same (See Attachment 1).

STAFF OPINION:

DAR staff is of the opinion that the amendment request should be approved.

MMB OPINION:

The MMB is of the opinion that the amendment request should be approved.

RECOMMENDATION:

That the Board authorize and approve this request for issuance of a Papahānaumokuākea Marine National Monument research permit amendment to Mr. Jacob Asher, NOAA, NMFS permit PMNM-2013-018-A1.

Respectfully submitted,



Frazer McGilvray
Administrator

APPROVED FOR SUBMITTAL



William J. Aila, Jr.
Chairperson



Amendment Request for Permit No. PMNM-2013-018 (Asher)

Justin Rivera - NOAA Affiliate

to:

Tia Brown - NOAA Federal, Pua Borges-Smith - NOAA Affiliate, Richard Hall - NOAA Federal, Maria Carnevale, Ty Benally, kaaleleow

06/25/2014 10:23 AM

Cc:

Samantha Brooke - NOAA Federal

Hide Details

From: Justin Rivera - NOAA Affiliate <justin.rivera@noaa.gov> Sort List...

To: Tia Brown - NOAA Federal <tia.brown@noaa.gov>, Pua Borges-Smith - NOAA Affiliate <pua.borges-smith@noaa.gov>, Richard Hall - NOAA Federal

<richard.hall@noaa.gov>, Maria Carnevale <Maria.A.Carnevale@hawaii.gov>, Ty Benally <Ty_Benally@fws.gov>, kaaleleow <kaaleleow@oha.org>,

Cc: Samantha Brooke - NOAA Federal <samantha.brooke@noaa.gov>

Aloha All,

Jake Asher has requested to amend his permit (see e-mail below) to add two additional locations to his permit (Pearl and Hermes and Midway). Will talk more about this at tomorrow's meeting.

Thanks,
JR

----- Forwarded message -----

From: **Jacob Asher - NOAA Affiliate** <jacob.asher@noaa.gov>

Date: Tue, Jun 24, 2014 at 5:51 PM

Subject: Re: Permit Binders drop off

To: Justin Rivera - NOAA Affiliate <justin.rivera@noaa.gov>, Matthew Vandersande - NOAA Federal <matthew.vandersande@noaa.gov>, Samantha Brooke - NOAA Federal <samantha.brooke@noaa.gov>

Hi Justin: no worries. Please consider this to be a formal request to amend permit PMNM-2013-018.

The planned stops for Randy's September 6-30 cruise include: Niihau, Necker, Nihoa, FFS, Pearl and Hermes, and Midway. The proposed activity (stereo-BRUVs deployments) is to remain the same as described in the original permit application. The only permitting addition would be to include Pearl and Hermes and Midway. The rationale is to increase the geographic scope/spatial coverage of the stereo-BRUVs sampling efforts inside of the Monument.

Matthew/Samantha: if you have questions or require additional clarification, let me know.

I'll block out Friday, August 22nd for a BLNR review.

Mahalo.

Jake

--

Justin Rivera, Policy and Permit Specialist



PAPAHĀNAUMOKUĀKEA
Marine National Monument

SEP 30 2013

Jacob Marcus Asher
NOAA Pacific Islands Fisheries Science Center,
Coral Reef Ecosystem Division
1125B Ala Moana Blvd.
Honolulu, HI 96816

Dear Mr. Asher:


The National Oceanic and Atmospheric Administration (NOAA), the U.S. Fish and Wildlife Service (FWS), and the State of Hawaii (collectively, the Co-Trustees) have approved the issuance of permit number PMNM-2013-018 to conduct activities within Papahānaumokuākea Marine National Monument ("Monument") for research purposes. Activities are to be conducted in accordance with the permit application and all supporting materials submitted to the Monument, and the terms and conditions of permit number PMNM-2013-018 attached.

Enclosed for your signature is a permit signed by all Co-Trustees. This permit is not valid until your signature page is received at this office. The original copy should be signed and returned to the Monument office at the following address within 30 days of issuance:

Permit Coordinator
Papahānaumokuākea Marine National Monument
6600 Kalaniana'ole Hwy. Suite 300
Honolulu, HI 96825

You are required to carry a signed copy of the permit with you while conducting the permitted activities. Your permit contains specific special conditions and reporting requirements. Please review them closely and fully comply with them while undertaking permitted activities.

The Point of Contact for questions concerning this permit and all associated reporting requirements is Permit Coordinator, Justin Rivera at 808-397-2632 or Justin.Rivera@noaa.gov. Thank you for your continued cooperation with NOAA, FWS, and the State of Hawaii.


William J. Aifa, Jr.
Chairperson
Board of Land and Natural Resources
Department of Land and Natural Resources
State of Hawaii

9/27/13
Date



Barry W. Stiglitz

9/30/13

Barry Stiglitz
Refuge Supervisor
Hawaiian and Pacific Islands National Wildlife Refuge Complex
Department of the Interior
U.S. Fish and Wildlife Service



David Swatland

30 Sep 2013

David Swatland
Acting Superintendent
Papahānaumokuākea Marine National Monument
Department of Commerce
National Oceanic and Atmospheric Administration

Date





PAPAHĀNAUMOKUĀKEA
Marine National Monument

SEP 30 2013

RESEARCH PERMIT

Permittee:

Jacob Marcus Asher
NOAA Pacific Islands Fisheries Science
Center, Coral Reef Ecosystem Division
1125B Ala Moana Blvd.
Honolulu, HI 96816

Permit Number: PMNM-2013-018

Effective Date: October 1, 2013

Expiration Date: July 31, 2014

Project Title: Videographic Surveys of Coral Reef Fish Using Baited Remote Underwater Stereo-Video Systems

This permit is issued for activities in accordance with Proclamation 8031 ("Proclamation") establishing Papahānaumokuākea Marine National Monument ("Monument") under the Antiquities Act of 1906, 16 USC §§ 431-433 ("Antiquities Act") and implementing regulations (50 CFR Part 404). All activities must be conducted in accordance with the Proclamation and the regulations (attached). No activity prohibited by the Proclamation or 50 CFR Part 404 is allowed except as specified below. Chapter 13-60.5, Hawaii Administrative Rules remains in effect for proposed activities in State waters.

Subject to the terms and conditions of this permit, the National Oceanic and Atmospheric Administration (NOAA), the State of Hawaii, and the U.S. Fish and Wildlife Service (collectively, the Co-Trustees) hereby authorize the permittee listed above to conduct research activities within the Monument. All activities are to be conducted in accordance with this permit. The permit application is incorporated into this permit and made a part hereof; provided, however, that if there are any conflicts between the permit application and the terms and conditions of this permit, the terms and conditions of this permit shall be controlling.

PERMITTED ACTIVITY DESCRIPTIONS:

The following activities are authorized by this permit:

1. The permittee and individuals from the following list are authorized to enter Papahānaumokuākea Marine National Monument ("PMNM" or "Monument") and conduct activities under this permit: three (3) field technicians: Emily Crigler, Kaitlin Baird, and Tim Noyes. Permittee shall provide an updated Compliance Information Sheet prior to each entry into the Monument.
2. Touching coral, living or dead for the purpose of conducting research activities covered under this permit.

3. Placing up to a maximum of eight (8) Baited Remote Underwater Stereo-Video Systems (stereo-BRUVs) on submerged lands (each Stereo-BRUV 1.26 m x 0.86 m) at shallow (0 – 30 m depth) and deep (30 – 100 m depth) waters within the Permitted Activity Locations below. Stereo-BRUVs shall be retrieved after one hour deployments and no materials shall be left on the sea floor. Up to a maximum of twenty (20) stereo-BRUVs to be deployed per day.
4. Attracting fish and other Monument resources via stereo-BRUVs deployed in Activity # 3.
5. Filming marine resources via stereo-BRUVs deployed in Activity # 3.
6. The Monument Management Board (MMB) may monitor activities under the permit. Any member of the MMB or their designee may, for a period not to exceed 48 hours, verbally require the permittee to temporarily modify or temporarily cease activities identified in the permit if, in the opinion of the MMB member or their designee, such action is necessary to limit effects on Monument resources beyond the intended scope of the permit, to protect governmental equipment, or to ensure the safety of personnel. Such action will be followed as soon as possible by MMB emergency consideration of the temporary permit modification or temporary permit cessation. If the MMB concurs with the temporary action taken by the MMB member or designee, the Co-Trustees may amend the permit with the necessary changes or withdraw it. A decision by the Co-Trustees to amend the permit or to allow the activity to continue unchanged will include the necessary findings that the activity and its effects satisfy Monument permit issuance criteria and do not risk the safety of governmental employees or damage to governmental equipment.

No further disturbance of the cultural or natural resources of the Monument is allowed.

PERMITTED ACTIVITY LOCATIONS:

Other than entrance into the Monument, the permitted activities listed shall take place within the following *marine* Special Preservation Areas:

1. Nihoa
2. Necker (Mokumanamana) Island
3. French Frigate Shoals

GENERAL TERMS AND CONDITIONS:

In accordance with the Proclamation and applicable regulations, the permitted activities listed above are subject to the following general terms and conditions:

1. The permittee must sign and date this permit on the appropriate line below. Once signed and dated, the permittee must provide a signed original copy to the Monument official identified below. The permit becomes valid on the date the last signature is obtained and shall remain valid until the permit expiration date.

Permit Coordinator
Papahānaumokuākea Marine National Monument
6600 Kalaniana'ole Hwy. Suite 300
Honolulu, HI 96825

4. This permit is neither transferable nor assignable and must be carried by the permittee while engaging in any activity authorized by this permit. All other persons entering the Monument under the authority of this permit must provide the name of the permittee or the permit number to any authorized enforcement or management personnel upon request.
3. This permit may only be modified by written amendment approved by the Co-Trustees. Modifications to this permit must be requested in the same manner as the original request was made. Any modifications requested by the permittee, such as adding or changing personnel to be covered by the permit or to change the activities that are allowed, must be made in writing.
4. This permit is subject to suspension, modification, non-renewal, or revocation for violation of the Proclamation, implementing regulations, or any term or condition of the permit. Any verbal notification of a violation from an authorized Monument representative may require immediate cessation of activities within the Monument. The issuance of a permit shall not constitute a vested or property right to receive additional or future permits. This permit may, in the sole discretion of the Co-Trustees, be renewed or reissued. However, there is no right to a renewal or re-issuance. Failure to fulfill permit requirements may affect consideration of future permit applications.
5. Permit terms and conditions shall be treated as severable from all other terms and conditions contained in this or any other ancillary permit. In the event that any provision of this permit is found or declared to be invalid or unenforceable, such invalidity or unenforceability shall not affect the validity or enforceability of the remaining terms or conditions of this permit.
6. This permit does not relieve the permittee of responsibility to comply with all federal, state and local laws and regulations. For a list of federal, state and local laws and regulations, refer to attached Papahānaumokuākea Marine National Monument Laws and

Regulations document. Activities under this permit may be conducted only after any other permits or authorizations necessary to conduct the activities have been obtained.

7. The permittee may be held liable for the actions of all persons entering the Monument under the authority of this permit.
8. All persons entering the Monument under the authority of this permit are considered under the supervision of the permittee and may be liable in addition to the permittee for any violation of this permit, the Proclamation and implementing regulations in conjunction with this permit. The permittee must ensure that all such persons have been fully informed of the permit terms and conditions prior to entry into the Monument. Each such person must provide written acknowledgment to the permittee, prior to entry into the Monument, that he/she has received a copy of the permit, agrees to abide by all applicable terms and conditions, and may be liable for violations of the permit. The permittee shall maintain all signed acknowledgments and submit them with the summary report described in General Condition #22.b. An acknowledgement form is attached.
9. Notification of entry into the Monument must be provided at least 72 hours, but no longer than one month, prior to the entry date. Any updates to the list of personnel must also be provided at least 72 hours before entering the Monument. Notification of departure from the Monument must be provided within 12 hours of leaving the Monument. Notification may be made via e-mail or telephone by contacting: E-mail: nwhi.notifications@noaa.gov; Telephone: 1-866-478-6944; or 1-808-395-6944. No other methods of notification will be considered valid.
10. The permittee and any person entering the Monument under the authority of this permit shall, before entering the Monument, attend a cultural briefing or view designated cultural informational materials on Papahānaumokuākea regarding the region's cultural significance and Native Hawaiians' spiritual and genealogical connection to the natural and cultural resources. Persons entering the Monument at Midway Atoll may satisfy this requirement upon arrival.
11. All vessels (including tenders and dive boats), engines and anchor lines shall be free of introduced species prior to entry into the Monument. To ensure this, all vessels, engines and anchor lines shall be inspected for potential introduced species prior to departing the last port before entering the Monument. No later than 24 hours prior to entry, the permittee shall provide the Monument Permit Coordinator with a report prepared by the individual conducting the inspection that: a) sets forth when and where the inspection occurred; b) identifies any introduced species observed, including where found; c) summarizes efforts to remove any species observed; and d) certifies the vessel as free of all introduced species. The Monument Permit Coordinator shall review the report and, based on the review, may delay the entry into the Monument until all concerns identified by the Monument Permit Coordinator have been addressed.

12. All hazardous materials, biohazards and sharps, must be pre-approved by the Co-Trustees. For purposes of this permit, "hazardous material" has the same meaning as the definition found at 49 CFR §105.5 (U.S. Department of Transportation). All hazardous materials, biohazards and sharps must be stored, used, and disposed of according to applicable laws and Monument-approved protocols. The permittee or a designated individual entering the Monument under the authority of this permit must be properly trained in the use and disposal of all such materials proposed. Proof of appropriate training may be required by the Co-Trustees. No such material may be left in the Monument after the departure of the permittee unless it has been previously approved by Monument staff. Immediately after the project is complete the permittee must remove all such materials from the Monument. The permittee will be responsible for all costs associated with use, storage, transport, training, disposal, or HazMat response for these materials.
13. All equipment or supplies brought into the Monument, or structures of any kind built in the Monument by the permittee are the responsibility of the permittee. All materials that are brought to the Monument by the permittee must be removed by the permittee except as otherwise permitted. Any permanent structures, equipment, or supplies that require maintenance, are determined to be unserviceable, or are a safety hazard, must be immediately repaired or removed from the Monument by the permittee. No structures, equipment, or supplies may be left in the Monument following the completion of the project except as listed in the permit.
14. If Monument staff is present at the field site, the permittee must meet with them before beginning permitted activities. Even with a valid permit, authorized Monument staff may prohibit entry into any location(s) within the Monument as they may deem appropriate to conserve or manage resources, particularly in areas where cumulative impacts of permitted activities are concentrated.
15. In order to facilitate monitoring and compliance, any person entering the Monument under the authority of this permit, including assistants and ship's crew shall, upon request by authorized Monument enforcement personnel, promptly: a) allow access to and inspection of any vessel or facility used to carry out permit activities; b) produce for inspection any sample, record, or document related to permit activities, including data, logs, photos, and other documentation obtained under, or required by, this permit; and c) allow inspection on board the vessel or at the permittee's premises of all organisms, parts of organisms, and other samples collected under this permit.
16. It is prohibited to possess or consume alcohol in the Hawaiian Islands National Wildlife Refuge in accordance with the refuge policy. Any violations will result in immediate removal of the offender from the Monument at the individual's own cost. Offenders may not be readmitted to the Monument.
17. All persons entering the Monument under the authority of this permit are responsible for the cost of removing themselves from the Monument at the conclusion of the term of the permit or upon revocation or suspension of the permit. All such persons are also

responsible for the cost of removing themselves from the Monument in the event of a necessary medical evacuation, emergency evacuation, including weather, or for the cost of any necessary search and rescue operation.

18. Except as expressly required by applicable law, the Co-Trustees are not liable for any damages to equipment or injuries to the permittee and persons entering the Monument under the authority of this permit. The permittee and any person entering the Monument under the authority of this permit shall release, indemnify, and hold harmless the National Oceanic and Atmospheric Administration, the Department of Commerce, the U.S. Fish and Wildlife Service, the Department of the Interior, the United States Government, the State of Hawai'i, and their respective employees and agents acting within the scope of their duties from and against any claims, demands, actions, liens, rights, subrogated or contribution interests, debts, liabilities, judgments, costs, and attorney's fees, arising out of, claimed on account of, or in any manner predicated upon the issuance of this permit or the entry into or habitation upon the Monument or as the result of any action of the permittee or persons participating in the activity authorized by this permit. In the event that a government employee, acting in his official capacity, is the permittee, or is entering the Monument under the authority of this permit, then he shall be subject to all applicable federal and State laws that pertain to claims by or against him predicated upon the issuance of this permit or entry into or habitation upon the Monument.
19. Monument managers or their designees may verbally require the permittee to modify or cease activities not identified in this permit if, in the opinion of the managers or designees, such action is necessary to limit disturbance to or protect Monument resources, to protect government equipment, or to ensure the safety of personnel. After providing such verbal instructions, the managers or designees will provide the permittee with a written modification, suspension or revocation to this permit at the earliest practicable opportunity. The failure to follow verbal instructions or modified permit terms, or to cease activities upon suspension or revocation of this permit, may constitute a violation of this permit, the Proclamation, the regulations, or other applicable law.
20. Disturbance of any cultural or historic property, including but not limited to Native Hawaiian cultural sites, burials, archaeological deposits, and WWII structures and features, such as stone walls and mounds, stone uprights, bunkers, batteries, camp sites, maritime heritage sites, hospitals, housing areas, and radio towers; or the disturbance or collection of any historic or cultural materials and artifacts, including but not limited to bottles, dishes, cartridges, hospital materials, carvings, human remains, or Native Hawaiian bone or stone implements, found within the Monument, including the sale or trade in such items, is prohibited.
21. All Monument resources within the jurisdiction of the State of Hawai'i are held in trust under the Hawai'i State Constitution, Article XI, Sec. 1. The State of Hawai'i and the Government of the United States reserve ownership or control, as the case may be, of Monument resources, both living and nonliving, that may be taken or derived from those found in the Monument.

22. The permittee must satisfy the following reporting requirements:

a. Within thirty (30) days after the expiration date of this permit, the permittee must submit a summary report of activities conducted under this permit. The report shall be submitted using the Monument permit report template, if applicable.

b. For permitted vessels, the permittee having authority over the vessel must maintain and submit a cruise log within thirty (30) days after the expiration date of this permit. The log shall include but is not limited to: description of cruise activities, geographic locations of those activities, anchoring locations, and small boat dive locations. The permittee shall also maintain a daily vessel discharge log, which must be submitted with the cruise log.

c. Annual Report. The comprehensive annual report is a summary of all activities undertaken, including but not limited to: dates of all arrivals and departures from islands and atolls within the Monument, names of all persons involved in permitted activities, details of all specimens collected, handled, etc., any other pertinent information, GPS locations of all samples collected, transects, etc., results of work to date, copy of all data collected, and a proposed schedule of publication or production of final work. The report shall include a concise summary or abstract for use in Monument reports. Two hard copies and one electronic copy (Microsoft Word preferred, but not required), must be submitted to the Co-Trustees. The annual report is due by the end of the second week of January of the calendar year that follows the year that the permit was in effect or before a new permit is issued, whichever comes first. Subsequent annual reports are required each year until all data collected under research permits are fully analyzed.

d. For activities on State lands or within State waters, the permittee must submit a monthly report on the specified form.

e. The permittee may debrief the Co-Trustees following the completion of all activities in the Monument covered under this permit. The permittee may schedule the debriefing upon submitting the annual report.

f. The permittee must submit two copies of any article, publication, or other product created as a result of the information gained or work completed under this permit, including materials generated at any time in the future following expiration of this permit.

g. Any publications and/or reports resulting from activities conducted under the authority of this permit must include the notation that the activity was conducted under permit number PMNM-2013-018. This requirement does not apply to publications or reports produced by the news media.

h. All required submissions (including plans, logs, reports, and publications) shall be provided to the Monument official at the address indicated in General Condition #1.

23. All data acquired or created in conjunction with this permit will be submitted with the summary report, and annual report. Photographic and video material is considered data. The permittee retains ownership of any data, (including but not limited to any photographic or video material), derivative analyses, or other work product, or other copyrightable works, but the Federal Government and the State of Hawai'i retain a lifetime, non-exclusive, worldwide, royalty-free license to use the same for government purposes, including copying and redissemination, and making derivative works. The permittee will receive acknowledgment as to its ownership of the data in all future use. This requirement does not apply to data acquired or created by the news media.
24. Because photographic or video material that is created for personal use (i.e., not specifically acquired or created in conjunction with this permit) could unintentionally collect data that is also valuable for management purposes, the Co-Trustees reserve the right to request copies of any such material and the permittee agrees to provide a copy of such material within a reasonable time. The Co-Trustees may use such material for management purposes.
25. Any question of interpretation of any term or condition of this permit will be resolved by the Co-Trustees.


SPECIAL TERMS AND CONDITIONS:

1. This permit is not to be used for nor does it authorize the sale of collected organisms. Under this permit, the authorized research activities must be for noncommercial purposes not involving the use or sale of any organism, by-products, or materials collected within the Monument for obtaining patent or intellectual property rights.
2. The permittee may not convey, transfer, or distribute, in any fashion (including, but not limited to, selling, trading, giving, or loaning) any coral, live rock, or organism collected under this permit without the express written permission of the Co-Trustees.
3. 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.
4. Tenders and small vessels must be equipped with engines that meet EPA emissions requirements.
5. Refueling of tenders and all small vessels must be done at the support ship and outside the confines of lagoons or near-shore waters in the State Marine Refuge.
6. If there is any Hawaiian monk seal or any other protected species in the area when performing any permitted activity, the activity shall cease until the animal(s) depart the area.

7. To ensure the protection of Monument resources, the permittee must conduct all activities in accordance with the following Monument Best Management Practices (BMPs) and guidelines, as attached:
 - a. Best Management Practices for Boat Operations and Diving Activities (BMP #004)
 - b. Disease and Introduced Species Prevention Protocol for Permitted Activities in the Marine Environment (BMP #011)
 - c. Special Conditions and Rules for Small Boat Operations at Tern Island (BMP #013)

8. Permittee required to work in conjunction with the U.S. Fish and Wildlife Service, Hawaiian Islands National Wildlife Refuge regarding any arrangements at French Frigate Shoals. The Refuge Manager for the above location must be notified at least 72 hours and not more than 30 days prior to arrival. Upon departing, notification to the Refuge Manager is required. Contact information for notifications is listed below:
 - a. French Frigate Shoals: Tern Island Acting Refuge Manager, Meg DuhrSchultz:
email Meg_Duhrshultz@fws.gov or telephone 808-792-9554

Your signature below, as permittee, indicates that you accept and agree to comply with all terms and conditions of this permit. This permit authorizes only those activities listed above. This permit becomes valid on the date when signed by the last Monument Official. Please note that the expiration date on this permit will not be extended by a delay in your signing below.



Jacob Marcus Asher
Marine Ecosystem Research Supervisor
NOAA PIFSC CRED

10/1/13
Date

Attachments (6):

1. Map of the Papahānaumokuākea Marine National Monument (PMNM)
2. PMNM Rules and Regulations
3. Permit Acknowledgement Form
4. Best Management Practices for Boat Operations and Diving Activities (BMP #004)
5. Disease and Introduced Species Prevention Protocol for Permitted Activities in the Marine Environment (BMP #011)
6. Special Conditions and Rules for Small Boat Operations at Tern Island (BMP #013)

7. To ensure the protection of Monument resources, the permittee must conduct all activities in accordance with the following Monument Best Management Practices (BMPs) and guidelines, as attached:
 - a. Best Management Practices for Boat Operations and Diving Activities (BMP #004)
 - b. Disease and Introduced Species Prevention Protocol for Permitted Activities in the Marine Environment (BMP #011)
 - c. Special Conditions and Rules for Small Boat Operations at Tern Island (BMP #013)

8. Permittee required to work in conjunction with the U.S. Fish and Wildlife Service, Hawaiian Islands National Wildlife Refuge regarding any arrangements at French Frigate Shoals. The Refuge Manager for the above location must be notified at least 72 hours and not more than 30 days prior to arrival. Upon departing, notification to the Refuge Manager is required. Contact information for notifications is listed below:
 - a. French Frigate Shoals: Tern Island Acting Refuge Manager, Meg DuhrSchultz:
email Meg_Duhrshultz@fws.gov or telephone 808-792-9554



9/27/13

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

Date



Barry W. Stigling

9/30/13

Barry Stigling
Refuge Supervisor
Hawaiian & Pacific Islands National Wildlife Refuge
Complex
Department of the Interior
U.S. Fish and Wildlife Service

Date



David Swatland

30 Sep 2013

David Swatland
Acting Superintendent
Papahānaumokuākea Marine National Monument
Department of Commerce
National Oceanic and Atmospheric Administration

Date





PAPAHĀNAUMOKUĀKEA
Marine National Monument

RESEARCH PERMIT

MEMO TO FILE
PERMIT CHANGE
PMNM-2013-018-M1

April 1, 2014

Permittee: Jacob Marcus Asher NOAA Inouye Regional Center NMFS-PIFSC-CRED 1845 Wasp Blvd. Bldg #176 Honolulu, Hawaii 96818	Permit Number: PMNM-2013-018 Original Effective Date: October 1, 2013 Original Expiration Date: July 31, 2014 New Expiration Date: September 30, 2014
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Project Title: Videographic Surveys of Coral Reef Fish Using Baited Remote Underwater Stereo-Video Systems

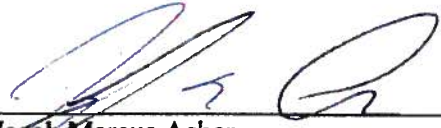
This permit change is issued for activities in accordance with Proclamation 8031 ("Proclamation") establishing Papahānaumokuākea Marine National Monument ("Monument") under the Antiquities Act of 1906, 16 USC §431-433 ("Antiquities Act") and implementing regulations (50 CFR Part 404). All activities must be conducted in accordance with the Proclamation and implementing regulations. No activity prohibited by 50 CFR Part 404 is allowed except as specified below. Chapter 13-60.5, Hawaii Administrative Rules remains in effect for proposed activities in State waters.

Permit number PMNM-2013-018 is changed as follows:

1. The dates of the permit are changed as necessary to conduct the work originally permitted. The new expiration date on this permit is September 30, 2014.

All other terms and conditions of PMNM-2013-018 are unchanged and still apply

Your signature below, as permittee, indicates that you accept and agree to comply with all terms and conditions of this permit change. This permit change becomes valid when you, the permittee, sign and date below. Please note that the expiration date on this permit extension is already set and will not be extended by a delay in your signing below.



Jacob Marcus Asher
Marine Ecosystem Research Supervisor
NOAA PIFSC CRED

4/10/2017
Date

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):

Jacob Asher (stereo-BRUVs Team Lead; coxswain)
James Barlow (stereo-BRUVs field technician; coxswain)
Louise Guiseffi (stereo-BRUVs field technician; coxswain)
Eric Mooney (stereo-BRUVs field technician; coxswain; backup scientist)

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

Nihoa, Necker Island (Mokumanamana), French Frigate Shoals (Mokupapapa), Pearl and Hermes Atoll, Midway Atoll

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

This permit is fully supported by the NOAA Pacific Islands Fisheries Science (Jacob Asher /NOAA-NMFS-PIFSC/PMNM-2013-018).

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):

Funding for permit applicants and associated equipment is primarily supported NOAA Pacific Islands Fisheries Science Center (NOAA PIFSC) and the Coral Reef Conservation Program. Funding for field technician participation comes from NOAA PIFSC Scientific Operations.

5. Time frame:

Activity start: September 6, 2014
Activity completion: September 30, 2014

Dates actively inside the Monument:

From: September 8, 2014

To: September 27, 2014

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

Dates may change, depending on weather and ship's schedule.

Personnel schedule in the Monument: Weather and the ship's departure schedule will dictate whether/not shifts in dates or island allocations occur.

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:

The Federal Government is self-insured. In addition, the cruise participants will carry emergency evacuation insurance (e.g. DAN insurance of something comparable).

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

- Vessel
 Aircraft

Provide Vessel and Aircraft information:

NOAA vessel *Hi'ialakai*

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):

- 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: Hi'ialakai
Vessel owner: NOAA
Captain's name:
IMO#:
Vessel ID#:
Flag:
Vessel type:
Call sign:
Embarkation port:
Last port vessel will have been at prior to this embarkation:
Length:
Gross tonnage:
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:

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:

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:

The NOAA PIFSC 19' Steeltie (F1913) will serve as the primary platform for stereo-BRUVs deployments and recoveries. Two Honda V-Tec 90 HP 4-stroke engines serve as the power plants.

Additional Information for Land Based Operations

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

None

12. Room and board requirements on island:

None

13. Work space needs:

None

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