

Papahānaumokuākea Marine National Monument
SPECIAL OCEAN USE 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: *David De Rothschild*

Affiliation: *Expedition Leader*

Permit Category: Special Ocean Use

Proposed Activity Dates: *01 04 09 – 30 04 09 (Estimated)*

Proposed Method of Entry (Vessel/Plane): *Vessel*

Proposed Locations: *Midway Atoll*

Estimated number of individuals (including Applicant) to be covered under this permit: *6*

Estimated number of days in the Monument: *2-3 weeks*

Description of proposed activities: (complete these sentences):

- a.) The proposed activity would... *see us sail from Hawaii to Midway on a boat made from Plastic bottles in order to raise awareness about the blight of plastics in our oceans.*
- b.) To accomplish this activity we would ... *sail north through the Monument and go ashore at Midway in order to shoot footage of the effect of plastic waste on the ecosystem there.*
- c.) This activity would help the Monument by ... *raising awareness of the ongoing activities there as well as to hopefully contribute to it's long term preservation by persuading people to dispose of their waste more responsibly. We also hope to raise awareness about the unique cultural component of Monument.*

Other information or background: *It is our aim to sail our boat from San Francisco to Sydney via Hawaii and several other Pacific Islands. We will make a film about the journey and it is our aspiration that this will inspire people to be more conscious about how they consume plastics. This is an altruistic venture and does not aim to make any financial gain from the expedition. We believe that the integrity of the film (and the expedition) rests on our ability to communicate in as much detail as possible exactly what is going on in the region – the waste, but also all the effort that goes into preserving the monument as well. And as such we hope to be able to speak to the agencies and individuals who operate there.*

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): *Rothschild, David, De Meyer*

Title: *Expedition Leader*

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

As above

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

Phone:

Fax:

Email:

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

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

National Geographic Fellow

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):

- 1. Skipper*
- 2. Crew member*
- 3. Crew member*
- 4. Crew member*
- 5. National Geographic cameraman*

Section B: Project Information

5a. Project location(s):

<input type="checkbox"/> Nihoa Island	<input type="checkbox"/> Land-based	<u>Ocean Based</u>	
<input type="checkbox"/> Necker Island (Mokumanamana)	<input type="checkbox"/> Land-based	<input 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 checked="" type="checkbox"/> Midway Atoll	<input checked="" 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			

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

Location Description:

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: *We are undertaking an expedition that is intended to raise awareness about the issue of sustainability with particular emphasis on the accumulation of plastic in the North Pacific gyre. We aim to do this by building a boat made entirely out of plastic bottles that we will sail from San Francisco to Sydney in March 09. The boat is intended to be a representation of sustainable design practices and will hopefully inspire people to look upon their discarded plastic as a resource rather than waste. We will make our first scheduled stop in Hawaii and would like to travel from there through the Papahānaumokuākea Marine National Monument up to Midway Island. The purpose of our proposed visit to Midway is to visit such a profound and unique location that is also a stark representation of the problem of waste plastic in the ocean. While on Midway we would like to learn about the preservation work that goes on there and to talk to the people who deal with the problem of waste plastic on a day to day basis. In order to make our film as complete as possible and in order to make people aware of the plastics issue we would like to film our time on Midway and if possible do filmed interviews with any of the staff there who would like to participate.*

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? *We are a sailboat without any toxic materials on board. We don't have a motor and there will be no fuel on board. We are generating electricity by natural means only and we have a zero discharge boat. We do not intend to anchor in the monument or go ashore anywhere other than Midway where we intend to stay entirely within the guidance of the staff there. We do not intend to bring anything to Midway or remove anything. Our only proposed activities are to transit the Monument's waters, land at Midway, hike recognized trails on Midway, speak to the rangers there and shoot film and photos when and where we are allowed to do so; this would include entering the water at Midway to photograph and film submerged and surface marine debris. We are very willing to participate in any activities that are required by local custom to preserve the cultural and historical integrity of the Monument.*

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? *It is entirely our intention that we will have no adverse impact at all on the cultural, natural, historic or ecological integrity of the monument during the time that we are there. However, we very much hope that our expedition will have long term beneficial effects for the Monument by reducing the volume of plastic that finds it's way into the ocean. We also fully intend to present the work that goes into the preservation in the very positive light that it deserves. We will leave*

no waste of our own of any kind, we will transit only the places specified in this application, we will only go ashore at Midway, we will conduct no other activities other than those specified in this application and we will remove absolutely nothing from the monument.

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. *We feel that it is vitally important that we visit Midway Island in order to ensure the maximum impact of our expedition on our audience. This, we sincerely hope will in turn be beneficial to the Monument in the long term through the reduction of waste plastic that enters the ocean. We believe that the graphic illustration of plastics accumulating in the Monument and washing up on Midway will be fundamental to the success of our project and it's overarching aims; essentially impressing upon people (our audience) the seriousness of the issue. Midway and the Monument are very much on our route and are such clear representations of the issue of waste plastics that we feel if we didn't visit them people would wonder why. In short we feel that there is no better representation of the terrible impact of plastics on our oceans than seeing them washed up on the otherwise pristine beaches of Midway.*

d. How does the end value of the activity outweigh its adverse impacts on Monument cultural, natural and historic resources, qualities, and ecological integrity? *In the longer term we hope to have an effect on the volume of waste that enters the monument. In the shorter term we hope to inform people about the unique cultural resources of the area as well as the diverse preservation programmes that are in action there. We do not anticipate causing any adverse impacts at all on the Monument cultural, natural and historic resources, qualities and ecological integrity.*

e. Explain how the duration of the activity is no longer than necessary to achieve its stated purpose. *It is difficult to determine our sailing schedule through the monument but we would only intend to spend between 3 and 5 days on Midway in order to shoot the footage and learn about the preservation programmes there.*

f. Provide information demonstrating that you are qualified to conduct and complete the activity and mitigate any potential impacts resulting from its conduct. *The boat will be sailed by a skipper with experience in the region. Filming will be done by an experienced cameraman from National Geographic who is sensitive to all ecological and cultural aspects of Midway and the Monument. We will stick rigidly to all regulations and conventions at all times while in the monument. David Rothschild is an ecological activist of independent means who will do everything in his power in the first instance to ensure that there are no adverse impacts on the Monument and in the very unlikely event that there were he would personally see to it that they were mitigated. One of the crew members will be a marine biologist called Enrique Sala, who is a National Geographic Fellow and a professor at SCRIPS. He will be on board to ensure that all activities are conducted with the maximum sensitivity to the marine environment. If possible we would like to travel with a native elder or priest who can guide and educate us through the Monument and ensure that we maintain the utmost cultural sensitivity and integrity at all times.*

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 expedition is backed and sponsored by the watch manufacturer IWC – we can happily provide proof of sponsorship.

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. *We will be able to achieve all of our goals with little or no impact at all. The act of sailing the boat through the Monument's waters and a brief landing at Midway in order to shoot some film will enable us to meet all of our goals.*

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 is still under construction but it will be fitted with a Thrane and Thrane Sailor 3026D Gold VMS.*

j. Demonstrate that there are no other factors that would make the issuance of a permit for the activity inappropriate. *Our aims and intentions are wholly honourable and involve passage through the monument's waters, landing on Midway and shooting film while we do so.*

FOR SPECIAL OCEAN USE ACTIVITIES OUTSIDE OF MIDWAY ATOLL SPECIAL MANAGEMENT AREA

k. Will the activity directly benefit the conservation and management of the Monument?
We hope that our activity will directly benefit the Monument in a number of ways. Firstly, we hope that by further raising awareness of the issue of plastics in our oceans and the effect that it has on islands like Midway and wildlife in general we will reduce the volume of plastic that finds it's way into the Monument in the long term. In the shorter term we hope that the awareness that we raise about the conservation work on Midway and in the Monument in general will be off benefit and will encourage people to donate to it's continued development.

l. Is the purpose of the activity for research or education related to the resources or qualities of the Monument?
We believe that our activity is related to the qualities of the monument as it is those qualities that we want to demonstrate in contrast to the plastic. As an organization we are concerned with impressing on people the beauty of our natural world in the hope that this will help in it's preservation.

m. Does the activity involve the use of a commercial passenger vessel (defined as a vessel that carries individuals who have paid for such carriage)?
Our crew will consist of six handpicked volunteers, who all have a particular purpose involved with the overall success of the expedition. No one will be asked to pay for their passage.

FOR SPECIAL OCEAN USE ACTIVITIES WITHIN MIDWAY ATOLL SPECIAL
MANAGEMENT AREA

- n. Does the activity further the conservation and management of the Monument?
We very much hope that our activity will further the conservation and management of the Monument through the awareness that raise about it.
- o. Is your activity compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?
As an ecological awareness project with the aim of furthering the protection and preservation of our environment we hope that our activities in the Monument are very much in line with the purposes for which the Midway Atoll National Wildlife Refuge was designated.

NOTE: If this is a first time Special Ocean Use activity, it will be subject to a pilot project. Additionally, public notice of the application and an opportunity to provide comments is given at least 30 days prior to issuing the permit.

8. Procedures/Methods: *We intend to sail directly from Hawaii to Midway. At Midway we would wish to enter the harbour and moor the vessel there. On Midway we will walk. Our aim on Midway is to see the extent of the plastic accumulation and document it's effect on the ecosystem and to that end we would like to visit the beaches. We would obviously very much like to speak to the Monument staff while on Midway but other than that we would not wish to impose on them. We are proposing to enter the water only at Midway, in order to conduct dive and snorkel activities that lend themselves to the aims of our project. For example we would like to be able to film floating waste in open water or submerged plastic waste on coral heads.*

9. Provide proof of general liability insurance, or indicate that you will be posting an equivalent bond against claims arising out of activities conducted under the permit: *We will be posting a bond.*

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

NA

11. List all specialized gear and materials to be used in this activity: *Filming and photography equipment.*

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

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

Nil

14. List all Applicants' publications directly related to the proposed project:

WWW.KHEPLASVIKI.COM

www.adventureecology.com

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