

Papahānaumokuākea Marine National Monument
EDUCATION 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:
NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
nwhipermit@noaa.gov
PHONE: (808) 725-5800 FAX: (808) 455-3093

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: RIGAUD Sandrine

Affiliation: Premières Lignes Télévision / France 2

Permit Category: Education

Proposed Activity Dates: 01/01/2018 to 03/30/2018

Proposed Method of Entry (Plane): Government flight

Proposed Locations: Midway Atoll NWR

Estimated number of individuals (including Applicant) to be covered under this permit: 2

Estimated number of days in the Monument: 2 or 3

Description of proposed activities: (complete these sentences):

a) The proposed activity would allow our French TV team to join an upcoming research or volunteer opportunity, with access to various areas in the Midway atoll for a 110 minutes documentary film on the plastic issue for France 2.

As part of the documentary, we want to show how plastic pollution is now an issue in remote islands and how our plastic debris are to be found thousands of kilometers from where they come from. During our stay, we will sample plastic pieces in order to have them analyzed with a Norwegian laboratory, which has developed a dating system to trace the age of plastic.

The video elements we will need:

- Plastic, trash and other pollution in the water and ashore
- Marine debris clean up efforts
- Marine life and wildlife on the island (albatrosses if possible) affected by plastic pollution of the ocean

-to use a drone if this is possible and under your conditions

We will need to interview

- Scientists and researchers (if we travel with a research team which would be the best option)
- US Fish and Wildlife representatives
- Volunteers

b) To accomplish this activity we would need to film:

- Plastic, trash and other pollution in the water and ashore
- Marine debris clean up efforts
- Marine life and wildlife on the island (albatrosses if possible) affected by plastic pollution of the ocean

And we would need to interview:

- Scientists and researchers (if we travel with a research team which would be the best option)
- US Fish and Wildlife representatives
- Volunteers

c) This activity would help the Monument by helping raising awareness to the problem of plastic pollution of the ocean, especially in the Pacific islands and it would help introducing the Marine National Monument to a European and ultimately world-wide audience to further the understanding of its conservation efforts and how these efforts have been achieved.

This documentary can become a useful worldwide educationnal tool since our program has more than 20 millions viewers around the world and an impact no other program has had.

Other information or background:

I am a French reporter working for the investigative task force of the French national network France 2. Our TV magazine, called [REDACTED], has 4 millions viewers in France and 20 millions viewers around the world through TV5 WORLD, our international network.

We also are part of the [REDACTED] the source of the "[REDACTED]" and "[REDACTED]" scandal, the recent winner of the Pulitzer Prize. And we were recently awarded the Berlin Europa Prize for our investigation on pedophilia in church. You will find more - in English - about us here: [REDACTED]

We are specialized in environmental investigations (Gabon, DRC, Cameroon, Guinea, USA, France, China...). We have recently investigated on chemical impact on the brain development [REDACTED]

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): RIGAUD Sandrine

Title: Journalist - Reporter

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

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

[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]
[REDACTED]

Fax: (not used anymore)

Email: [REDACTED]

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

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

Production society: Premières Lignes Télévisions <http://www.pltv.fr/en/>

TV channel: France 2 <https://www.france.tv/france-2/>

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, Teacher; Jane Doe, Videographer):

1 cameraman (the name will depend on your response and the permit period)

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 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 checked="" 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: Shallow water is defined by water less than 100 meters in depth.

Remaining ashore on any island or atoll (with the exception of Sand Island at Midway and field camp staff on other islands/atolls) between sunset and sunrise.

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

Location Description:
 Midway atoll

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)

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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:*

Shooting for a documentary film on plastic / plastic pollution

*Considering the purpose of the proposed activities, do you intend to film / photograph federally protected species? Yes No

If so, please list the species you specifically intend to target.

We intend to film Albatrosses if it is the season but they don't seem to be on the list of protected species.

For a list of terrestrial species protected under the Endangered Species Act visit:

<http://www.fws.gov/endangered/>

For a list of marine species protected under the Endangered Species Act visit:

<http://www.nmfs.noaa.gov/pr/species/esa/>

For information about species protected under the Marine Mammal Protection Act visit:

<http://www.nmfs.noaa.gov/pr/laws/mmpa/>

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 aware that Papahānaumokuākea is one of the largest marine conservation areas in the world and that the Monument was created specifically to protect an array of natural and cultural resources. As Dr Randall Kosaki (Deputy superintendent) puts it « *the Northwest Hawaiian Islands are one of the greatest natural laboratories* » in the world. We are also aware of the importance of spirituality in Papahānaumokuākea (described as a place for the Gods) and what it represents to Native Hawaiian. The name Papahānaumokuākea itself commemorates the union of two Hawaiian ancestors. For Kekuewa Kikiloi, a Native Hawaiian researcher and cultural practitioner, “*all the things you see in nature*” can not “*be seen in isolation but as a part our family*” because the region is characterized as a place where all life come from and return to after death, which underlines the link of this place to Native Hawaiian’s ancestors.

Papahānaumokuākea is also home to a variety of post-Western-contact historic resources, such as those associated with the Battle of Midway.

For all these reasons, we are fully conscious that filming in the Midway Atoll National Wildlife Refuge is a privilege and will require important precautions.

We will respect all the instructions we are given. We would need to film for 2 days only and would prefer to be accompanied by a research team of volunteers.

Given the educational aspect of our documentary, you can be sure that our film will be focusing on the natural and cultural resources of the Monument. The main idea of the film (the part shot on Midway) will be to demonstrate how plastic pollution may endanger these resources and to insist on our collective responsibility as human beings in reducing this source of pollution. Filming in Midway will give us the opportunity to remind our audience of the importance of Papahānaumokuākea for native Hawaiians and will allow us to recall an important historical event, the Battle of Midway, a decisive battle in the Pacific theater of World War II which occurred in 1942.

We would like a resource monitor to accompany us during our time on Midway so we can be sure our activity is conducted with adequate safeguards for the natural and cultural resources and ecological 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?

In order to conduct our activity in a manner compatible with those constraints, I have chosen to come only with a cameraman, instead of a full TV team of 4 people. Our team (me and 1 cameraman only) will have in mind to minimize impacts to natural resources of the Monument. This means we will not fix any material on the atoll, we will have a “zero waste” conduct, we will respect all the rules the Monument has established.

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.

Midway atoll is the place that we want to film because it is remote from human activities but, though, concerned by plastic pollution. And this is what we want to show to start the film. The part filmed on Midway atoll will represent the 10 first minutes of a 110 minutes film that will be focusing on plastic pollution around the world.

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

Our program is watched by over 20 millions people around the world and we hope it will have an impact on their habits and plastic consumption.

For example, one of my latest TV documentary dealt with nitrites in ham. Following the broadcast, many companies all around the world decided to stop using nitrites in ham, like for example “Nestlé” or “Fleury Michon” in France; recognizing the danger nitrites represent for health. This example is underlining the huge impact we can sometimes have in France and even around the world in making companies change their strategy.

This is the link to the film I mention (in English): <https://www.pltv.fr/en/the-meat-industry-big-business-vs-health/>

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

Two days of shooting is the minimum required for a sequence that will last 10 minutes in a documentary. Our standards and past experience show that every day of shooting represents a maximum of 5 minutes after editing. Since we hope to produce 10 minutes on the Midway atoll, our calculation was based on the duration we need if we maximize our shooting.

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

I have been working as a journalist for more than 15 years and have been directing prime time documentary films for 8 years now. As a journalist, I respect a deontology chart we have to sign in France and I am responsible for the potential impacts of my work (attached is my CV).

Before producing investigative documentaries, I was following French politics for French national TV and I wrote a book about the presidential French campaign (*PS, Coulissses d'un jeu de massacre*).

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.

Our film is financed by France 2, the most important public TV channel in France. It will be part of the program "██████████" the TV show that has investigated -in France- the "██████████" scandal, the recent winner of the Pulitzer Prize.

A few weeks ago, we were awarded the Berlin Europa Prize, which is the European equivalent of the Pulitzer Prize, for our investigation on pedophilia in church. You can check on the Berlin Europa Prize: <http://prix.europa.eu/competition/winners>

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 believe that investigative journalism is necessarily for making people aware of scandals or behaviors that have an impact on our lives and our environment. In this case, given the focus that will be made on the Monument natural resources, we hope that we will wake up consciences about the damages that we can create by using so much single-use plastic products.

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

No vessel (plane).

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

If you need any guarantee, please contact directly my producer Luc Hermann:

██████████@██████████

8. Procedures/Methods:

Filming

If possible, using a drone

Looking for plastic debris

Collecting marine debris for sampling

NOTE: If land or marine archeological activities are involved, contact the Monument Permit Coordinator at the address on the general application form before proceeding.

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:

Scientific name:

& size of specimens:

Collection location: beach on water

Whole Organism Partial Organism

9b. What will be done with the specimens after the project has ended?

9c. Will the organisms be kept alive after collection? Yes No

• Specific site/location:

• Is it an open or closed system? Open Closed

• Is there an outfall? Yes No

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

• Will organisms be released?

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

Yes. The debris samples will be collected and will be analyzed in Norway in a specialized laboratory.

11. Is your proposed activity based on a State Department of Education Standards Based Curriculum? If so, describe://

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

I have of course watched films on plastic that have been aired recently and that have been partially shot on Midway atoll. Among them, the CNN report on Midway « Plastic Island » <http://edition.cnn.com/interactive/2016/12/world/midway-plastic-island/>
And the film Plastic Paradise <https://www.youtube.com/watch?v=-scGWyfyimM>

These films have been an excellent starting point for me but as an investigative journalist, I am suggesting going further than they have by sending plastic samples in different laboratories for analysis. The idea is to date plastic but also to find if there are chemicals in those plastic. We will particularly be focusing on flame retardants (PDBE, Deca-BDE, Penta-BDE, octa-BDE...). Scientific reports have shown that flame retardants were the most persistent chemicals used in plastic.

13. What materials, products or deliverables will be developed as a result of your proposed activity? Provide a time line for write-up and publication of information or production of educational materials:

As a result of the activity, I will produce a film on plastic that will be aired on France 2 (French national TV) in 2018 (fall or winter).
Our TV show is watched by 4 million people in France and 20 millions around the world.

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

A camera (FS 7)
A camera (Alpha 7S)
An underwater camera
A tripod

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

None

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

None

17. List all Applicants' publications/references directly related to the proposed project:

If needed, I can send you the vimeo link to all me films.

The last one for [REDACTED]: [REDACTED]
[REDACTED]

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 4 December 2017

SEND ONE SIGNED APPLICATION VIA MAIL TO THE MONUMENT OFFICE BELOW:

NOAA/Inouye Regional Center
NOS/ONMS/PMNM/Attn: Permit Coordinator
1845 Wasp Blvd, Building 176
Honolulu, HI 96818
FAX: (808) 455-3093

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