

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: Jean Lemire

Affiliation: Chief of Mission of the "1000 Days for the planet" expedition / TV Producer and Director at Glacialis Productions / Founding President, Fondation Sedna / Honorary Ambassador to the Green Wave (a United Nation's Convention on Biological Diversity initiative)

Permit Category: Special Ocean Use

Proposed Activity Dates: May 2012

Proposed Method of Entry (Vessel/Plane): Plane

Proposed Locations: Midway Atoll

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

3

Estimated number of days in the Monument: 7

Description of proposed activities: (complete these sentences):

a.) The proposed activity would...
...be part of the "1000 Days for the Planet" expedition, a three-year journey around the World aboard oceanographic sailing ship SEDNA IV, which will be launched in February 2012. Undertaken in partnership with the Secretariat of the Convention on Biological Diversity, "1000 Days for the Planet" is a great awareness-raising expedition about biodiversity, and will become one of the main events of the UN Decade on Biodiversity 2011-2020. Over the course of many encounters, travels to countries and continents, the SEDNA IV crew will assess situations, collect testimony and relate adventure stories that will allow the general public to take stock of the state of our planet. Those stories will be narrated and brought to audiences in three major film and televisual productions, as well as on a website that will follow the daily adventures of the Sedna and its crew. This whole project is also in partnership with the Smithsonian Institution.

b.) To accomplish this activity we would

need to have the authorization for our small crew to fly in Midway during three days in mid-May 2012. Our documentary film crew would film marine debris that poses a threat to the health of turtles, monk seals and thousands of albatross chicks that hatch in the islands of the Monument every year. In Midway, we are planning to make interviews with John Klavitter, Midway Atoll National Wildlife Deputy Refuge Manager, Sue Schulmeister, Midway Atoll National Wildlife Refuge Manager and any scientist who would be on the islands during our stay and who would agree to be filmed while making their research. We could therefore plan it this way:

Sand Island :

- Papahānaumokuākea Marine National Monument, the Midway Atoll Refuge and the Battle of Midway National Memorial. Including, if possible, the Cable Station buildings, Marine barracks, seaplane hangar and ramps, torpedo shops, radar buildings, gun emplacement, pillboxes.
- Albatross nesting within the main housing areas and on beaches.
- Bird banding (if any)
- The endangered Hawaiian monk seals at designated viewing sites.
- Around the lagoon and within the harbor area to film threatened green sea turtles, if they are around.
- Beaches with marine and plastic debris.
- Monitoring of marine debris plots with staff biologists and/or scientists present on the island for research purposes.
- Marine debris pickups by staff and Jean Lemire.

Eastern Island (if boating with scientists or Monument staff permitted) :

- Red-footed and masked boobies, great frigatebirds, graybacked and sooty terns, and Christmas and wedgetailed shearwaters make their nests amidst the historic runways, hundreds of thousands of albatross, brown noddies, tropicbirds, and white tern.
- Eastern Island runways at the designated crossing points open to public.
- Beaches with marine and plastic debris.
- Monitoring of marine debris plots with staff biologists and/or scientists present on the island for research purposes.
- Marine debris pickups by staff and Jean Lemire.

c.) This activity would help the Monument by ...
exposing to the public, through our documentary series and our website, the importance of this national park to safeguard the exceptional biodiversity of the region. By explaining how marine and plastic pollution are not only threatening albatrosses, turtles and monk seals but the whole marine ecosystem, the programs will make clear to its audience the importance of science, that through the work of researchers, it is possible to find appropriate management methods to save birds and animal species. Midway Atoll National Wildlife Refuge is a wonderful example to

emphasize that marine restoration projects can and should be implemented, even in the most remote and difficult areas of the world.

The "1000 Days for the Planet" website will compile logbooks, case studies, spectacular photos and videos of the whole expedition that will allow the public around the world to follow the crew's adventures. This will include the journal that Jean Lemire will write while visiting Midway.

This will be an educational, playful and participatory adventure: Getting young people involved to counteract their increasing disconnect from nature, to get them dreaming and to pass on a desire to discover the nature all around them and become young committed explorers. To get them learning about and sharing our planet's beauty and involved on a local level in the great global conservation challenges we all face. These are some of the most important goals of our mission. Through a series of educational activities adapted for different age groups and linked with "The Green Wave for biodiversity", our team of educational specialists will support teachers and build a community of young "virtual explorers" communicating and sharing discoveries with each other. To reward them for their involvement, classes are invited to a real-time encounter, via satellite, with our crewmembers, wherever they are on the planet.

While in Midway, Jean Lemire might be able to make interviews in direct via telephone with radio and television programs at Radio-Canada in Montreal to talk about the Monument and emphasize the importance of conservation and the need to stop our overconsumption of plastic in our daily life.

Other information or background: see brochure for the project, attached to the application

Section A - Applicant Information

1. Applicant

Name (last, first, middle initial): Lemire, Jean

Title: Chief of Mission, Sedna IV / TV Producer and Director at Glacialis Productions /
Founding President, Fondation Sedna / Honorary Ambassador to the Green Wave (a
United Nation's Convention on Biological Diversity initiative)

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: N/A

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

Fondation Sedna (educative mission)

Glacialis Productions (production company for the TV documentaries)

Secretariat for the Convention on Biological Diversity (partner)

Smithsonian Institution (partner)

Société Radio-Canada (main broadcaster)

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):

- Yanick Rose, director/cameraman
- Thierry Morlaas-Lurbe, Soundman

Role and contact information of individuals 'ccd in email correspondences , BUT WILL NOT BE INCLUDED IN THE PERMIT:

Catherine Boire, Production Coordinator:

Mylène Paquin, Production Coordinator:

Pascale Bilodeau, Researcher:

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 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			

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

Location Description:

We would like to visit Midway Atoll and more specifically Sand Island.

If possible, we would also be interested to go to Eastern Island. That is, if a boat could be made available by Monument staff or scientists who would accept to be filmed. The crew would then follow them to their field study area.

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 filming a documentary production which is part of a larger project called "1000 Days for the Planet". It is a three-year journey around the world, aboard schooner Sedna IV. Our mission is to document the incredible beauty and wealth of species that live on our planet, as well as to bear witness to the state of the biosphere and its relationship with humanity.

Two TV series and a feature film will be produced from this adventure. Alongside scientists and a film crew, chief of mission Jean Lemire will seek out field researchers working to protect species and their habitats all over the world. Sedna IV's odyssey will provide a unique opportunity to showcase their research which too often occurs behind the scenes and seldom manages to attract the attention of the general public.

Sedna IV is a famous Canadian ship, who crossed the mythical North-West Passage in the Arctic in 2002, and got imprisoned by ice in the Antarctic in 2006. Our chief of mission, biologist and filmmaker Jean Lemire, was director for the series "Arctic Mission" and "Antarctic Mission", which related those expeditions. Those series have reached hundreds of millions of television viewers around the world. All have been produced by the same production company, Glacialis Productions, which is producing this new project as well.

The reason to come all the way to Midway Atoll is to film the millions of Bonin petrels, white terns, greater frigatebirds, brown and black noddies that can be viewed on the islands, but our main subject will be the albatrosses. As nineteen of 21 species of albatross are threatened with extinction, we would like to explain to our viewers why they are endangered: longline fishing, where the birds are inadvertently hooked and drowned, but mostly plastic pollution from garbage floating on the ocean. As the islands lies in the North Pacific Gyre, now known as the Great Garbage Patch, we will show the effect of the plastic on the birds who ingest large amounts of marine debris. Our documentary is scientific. We hope to be able to film the activities of the scientists and Monument staff biologists and refuge managers who will be on duty during our stay. Examples of what we would expect to film are : bird and monk seal studies, the monitoring of marine debris plots to qualify and quantify the marine debris that make their way to Midway Atoll and other islands of the Monument, marine debris pickups by staff to prevent Hawaiian monk seals and green turtles from potentially becoming entangled.

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 will follow all rules imposed by the management of the Monument. The film crew is very aware of the kind of rich and fragile ecosystem we are dealing with. Our past experience filming in the Arctic and overwintering in the Antarctic, where regulations are very strict, has proved our ability to safeguard the environments of the places we visit. On the cultural issue: in our mission in the Arctic, we had the privilege to meet with the Inuit people from different backgrounds and we shared their culture, history and way of life with our spectators.

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? We will respect required distance from protected wildlife and stay out of protected areas, unless permitted by the monument for filming purposes. As our mission is to raise awareness to the importance of the protection of important ecological areas, we like to lead by example by leaving no negative impact on the places we go to.

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.

No. About 70 percent of the world's population of Laysan albatrosses nests on Midway Atoll. Midway Atoll's incredible wildlife is unique and we are coming specifically to film it. Because Midway atolls lies in the North Pacific Gyre, it is the perfect place to show to our public that the plastic they use and throw away is polluting oceans and islands of the planet as well as putting birds and animals's life at risk. It's one of the best places in the world to talk about the fragility of the environment and emphasize the need to protect all ecosystems.

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

We do not foresee to have any adverse impacts on the Monument. The end value is to showcase the work of scientists and expose the beauty of Midway atoll and its biodiversity to our audiences. Our previous TV series have been sold in more that 60 countries, viewed by hundreds of million of telespectators and have been honored by numerous awards.

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

We will stay for 7 days as flight schedules to Midway dictate. 7 days at Midway will give us ample time to be able to properly gather all the images we need, follow the scientists and refuge managers and conduct interviews with them.

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

Biologist in training, Jean Lemire has the utmost respect for nature and has been an ambassador of its protection for years. Chief of Mission on many expeditions with the Sedna IV in the past 10 years, he has a lot of experience filming in protected areas, where strict rules are in place to protect nature and wildlife.

He obtained a baccalaureate in Biology from Université de Sherbrooke (Canada) in 1985, followed by post-graduate studies at Université Laval (Canada). Specialized in marine biology, his knowledge of whales led to his participation in a great many research projects in the international arena. As a scientist affiliated with the University of Hawaii, he worked in Hawai'i for 4 years in the 1990's (one year for the Acoustic Thermometry of Ocean Climate (ATOC) project around Kau'i and 3 years around Maui with the University of Ohau, under the supervision of Dr. Joseph Mobley.) Because of that experience, he is very aware of Hawaiian culture and of the importance of preserving it.

As a filmmaker, his experience in scientific documentaries is recognized worldwide.

Many of his films have received prestigious prizes and they have been shown worldwide: "Encounters with the Whales of the Saint-Lawrence", "Arctic Mission", "Whale Mission", "The Last Continent", "Antarctic Mission", "The White Planet".

He also has experience as chief of mission of SEDNA IV: he led the Arctic Mission expedition in 2002-2003, the Whale Mission in 2004 and the Antarctic Mission in 2005-2006.

Following the success of Arctic Mission and Antarctic Mission, that have raised awareness to the effects of climate change on the poles, Jean Lemire is now recognized as one of the leading conservation advocate. His work has been recognized in Canada by the following honors:

- appointment as Officer of the Order of Canada
- Royal Canadian Geographical Society gold medal
- Canadian Environment Award's Citation of a Lifetime Award

He has also been granted international recognition with the following distinctions (among others):

- The Midori Prize for Biodiversity
- Mobius award (for best educational website - Arctic Mission)
- Appointment by the United Nation's as Honorary Ambassador to The Green Wave - an initiative of the United Nation's Secretariat of the Convention on Biological Diversity

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 trip to Midway is part of our production budget for the TV productions, which is financed in part by our broadcasters, Société Radio-Canada, and Discovery World HD Canada and also by various public institutions (SODEC, Canadian Media Fund), private funds (Bell Fund) and by the Sedna Foundation. Also, have an international liability insurance (2,000,000\$CAD) for the TV productions.

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 are coming only as spectators, to film the scientists at work and the fauna on Midway atoll. We will not be interfering or interacting with the animals. We have a professional crew who has many years of experience in science and nature documentary filmmaking. We are familiar with rules related to protected habitats (i.e. respecting the recommended distance from animals, not touching animals, giving right of way to the animals on their routes, approaching animals in a slow and careful manner, not interfering with ongoing studies, not removing native species, etc.). We know that we should never interfere with animal behaviour nor with the environment in which they live.

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

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

Glacialis Productions's image and reputation is irreproachable. We have proved ourselves with our previous expeditions - in the Arctic and the Antarctic - to be very respectful of the places where we have the privilege to be welcomed. With the high honors received by Jean Lemire for his achievements and contribution to raising public awareness on key environmental issues, you can be assured that the crew would never do anything that would do the Monument any harm.

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?
- l. Is the purpose of the activity for research or education related to the resources or qualities of the Monument?
- 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)?

FOR SPECIAL OCEAN USE ACTIVITIES WITHIN MIDWAY ATOLL SPECIAL
MANAGEMENT AREA

n. Does the activity further the conservation and management of the Monument?
Our mission aims to encourage the World to take care of our precious and fragile planet throughout education and awareness-raising. Education is key. The documentary series is about the fragility of the biodiversity and the protection needed to save it. Only few people know about Midway Atoll and the ones who are aware of its existence can only dream of seeing it with their own eyes, along with the wonderful birds and marine mammals that nest and breed on its shores. By bringing attention to the scientific work that is being done there to understand these extraordinary natural wonders, we hope to enhance the importance of conservation in far away places. Showing the remarkable work done by the management of the Monument to protect its endangered species, particularly monk seals and albatrosses, will promote awareness on the fragility of all ecosystems of the world.

- o. Is your activity compatible with the purposes for which the Midway Atoll National Wildlife Refuge was designated?

Our mission share the values of the Midway Atoll National Wildlife Refuge: protection and conservation of the environment, as well as education to foster public awareness about the protection of nature and all ecosystems.

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:

Our actual schedule plan is to fly in Midway Atoll sometime in May, preferably in Mid-May, depending on plane seats availability.

Having this unique opportunity to be in Midway, we want to film as much as possible of the island, the birds and fauna that nest or rest on it.

Our small documentary crew is there simply to film. It consists of 1 director, 1 director-cameraman, and 1 soundman. We would be meeting with staff, biologists and other scientists present on the islands and would like Jean Lemire to have the authorisation to participate in the collecting of plastic garbage on the beaches of the island.

We are planning on using the island housing and food facilities while in Midway.

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:
Glacialis Productions has an international liability insurance (2 Million) for the TV productions.

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

11. List all specialized gear and materials to be used in this activity:
Only standard film equipment (camera, steadicam, portable crane, tripod, sound recording and light equipment, etc.)

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

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

14. List all Applicants' publications directly related to the proposed project:
Website "1000 days for the planet" (sedna.tv or www.radio-canada.ca/sedna) - not yet online
TV series:
"Mission Biodiversity"(3 X 1hr) and
"Sedna around the world: the human adventure" (13 x 1/2hr)

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