

The Department recommends that you contact us to discuss the proposed activity prior to completing the application forms:

Permissions Advisor (Support)

Phone: +64 3 371 3700

Email: permissionschristchurch@doc.govt.nz

Please provide all information requested in as much detail as possible. Applicants will be advised if further information is required before this application can be processed by the Department.

This form must be completed for all permit applications under the Marine Mammals Protection Act and Regulations. You are also required to please fill in, and attach, the form(s) for the activities you wish to undertake ie [Forms 8a and/or 8b and/or 8c; or 8d; or 8e](#). All the forms are available on the DOC website. If extra space is required for answering please attach and label according to the relevant section.

If you seek a minor amendment to a current permit (i.e. a new boat or new staff member), please complete application form 8f only, you do not need to fill in this form. If you seek an amendment that is more than minor, please contact the office below.

Once you have filled in your application form, please complete this checklist to ensure that all components of your application form are complete. This will help prevent any possible delays in the processing of your application.

- Legal status registration number (if not an individual)
- Written testimonials (if required)
- Written consultations (if applicable)
- All appropriate activity application forms
- Supporting information and detail including maps as required in activity forms
- Have you read the section regarding the liability of the applicant for payment of fees?
- Have you signed your application?**

All efforts in putting together a detailed application are greatly appreciated and will allow the Department to effectively and efficiently process your application.

A. Applicant Details

Applicant Name (full name of registered company or individual)	NHNZ Worldwide Limited		
Legal Status of applicant (tick)	<input type="checkbox"/> Individual	<input checked="" type="checkbox"/> Registered Company	<input type="checkbox"/> Trust
		<input type="checkbox"/> X	<input type="checkbox"/> Incorporated Society
Other (please specify full details)			
Please supply the company, trust or incorporated society registration number: 8156185			
If an individual please supply your date of birth (this is a unique identifier for you):			
Trading Name (if different from Applicant name)	NHNZ Worldwide Limited		
Postal Address	79 Stuart Street, Dunedin, 9016		
Street Address (if different from Postal Address)			
Registered Office of Company or Incorporated Society (if applicable)	79 Stuart Street, Dunedin, 9016		
Phone		Website	www.nhnz.tv
Contact Person and role	Kirsty Cooper- Line Producer		
Phone		Cell Phone	
Email			
Contact Person and role	Ben Lawrie – Series Producer		
Phone		Cell Phone	
Email			

B. Activities applied for

Please fill in all the forms that are applicable. Please tick below the forms that have been completed, and attach. Please note that even if you are applying for a renewal of an existing permit these forms are a necessary requirement of the application process and must be filled out in full.

ACTIVITY	FORM	✓
Vessel Based Viewing	8a	
Land Based Viewing	8b	
Aircraft Based Viewing	8c	
Filming only	8d	X
Swimming with marine mammals	8e	

Please note: If you seek a minor amendment to a current permit (i.e. a new boat or new staff member), please complete application form 8f only, you do not need to fill in this form.

C. Activity is in the interest of Conservation, Management, and the Protection of Marine Mammals (not necessary for filming only)

Please briefly describe how your activity is in the interest of Conservation, Management and the Protection of Marine Mammals. This is a requirement of Regulation 6(d) of the Marine Mammals Protection Regulations 1992.

D. Background Experience of Applicant

Please provide relevant information relating to the applicant's knowledge and experience operating with Marine Mammals. *N/B - Please note that this section is for the applicant as the operator; there are sections for the staff/guides and skippers within the additional activity information forms.*

NHNZ Worldwide (and its predecessor Natural History New Zealand Limited) - has produced over 500 natural history documentaries for local and international networks. Of these, over 100 have been documentaries on marine creatures, including the award-winning Our Big Blue Backyard Series, Deep Blue series, Dolphins of the Shadowland, The Octopus Garden and The Lost Whales. Our two most recent productions with stories shot in New Zealand waters, Our Big Blue Backyard 3 and Dynamic Planet, both involved stories featuring whales and dolphins. We hold an MOU with DOC and have worked together on many productions around New Zealand. We provide footage for DOC free of charge as part of the MOU, and wherever possible, provide our footage to iwi, research and

educational facilities free of charge in order to support tangata whenua and help progress the work of conservationists.

Please provide relevant information relating to the applicant's knowledge and experience operating within the region and local area, and of the sea and weather conditions.

NHNZ is intending to use the following crew:

Ben Lawrie: Series Producer

Ben was the series producer/director of a major 3-part BBC1 series 'Galapagos', broadcast in 2017. They filmed in Galapagos for 5 weeks, with sequences involving endangered land and marine animals. He was series producer for Dynamic Planet which included a story of Humpback whales filmed in Fiordland.

Kina Scollay: Producer

- Over 30 years' experience working around a wide variety of marine mammals as a cameraman, skipper and commercial diver and facilitating marine mammal research.
- Provided boat services for DOC and other marine mammal research from 2000 until 2008 on the west coast (South Island). Including but not limited to both major South Westland Marine mammal Surveys out of Jackson Bay which included working closely around Dolphins and Seals, primarily Hector's Dolphin and Bottlenose Dolphin.
- Worked Closely with a number of marine mammal researchers on numerous filming and scientific projects.
- Holds a current marine mammal permit. (In the name of my company Ocean Answers Ltd).

Julian "Julz" Braatvedt: Topside/in water cameraman, drone pilot and host.

Experienced Natural History cinematographer and drone operator with 15 years industry experience. Regularly films marine mammals for international documentaries having conducted film shoots with pilot whales, false killer whales, orca, brydes, common dolphin in New Zealand waters.

Julian Braatvedt, is very experienced with more than 300 hours of relevant drone filming experience on Mavic and Inspire series drones. He has flown above marine mammals previously and understands animal behaviour well, with his specialism in natural history. He can identify if/when animal behaviour is affected by drone operations and adjusting or cancelling flight operations accordingly. The welfare and natural behaviour of animals is always his primary concern.

Julian has experience freediving and scuba diving with whales, dolphins and other marine mammals.

Jordie Gibbens: Jodie has over 6 years' experience filming in a multitude of different situations and have been the head drone pilot for many televised shows across NZ networks, mainly with Warner Bros ITVP (overseas permits for Rarotonga, Fiji, Vanuatu etc) and being the sole operator for shows such as Survivor and Treasure Island. He is fully licensed to fly drones with 101 & 102 certs and accreditation with Drone Trust NZ

Alex Hubert: Has also worked on numerous productions for NHNZ including Our Big Blue Backyard series 1-3. He filmed much of the Dusky dolphin footage in Kaikoura for the first series and is very experienced working around marine mammals and filming them from boats and other topside locations. He is also an avid photographer and nature lover and has worked with many endangered species around the world for NHNZ. Alex has over 12 years' experience flying drones around wildlife.

Adam Jones: Adam has over 20 years' experience working on wildlife documentaries and has over 12 years flying drones around endangered animals. He has filmed underwater and topside camera for organisations such as Animal Planet, Discovery Channel, Terra Mater, Red Bull, BBC, NBC, Universal Pictures, Walt Disney Pictures, and National Geographic. With an emphasis on making quality natural history, educational and people-based programmes, he has filmed in over 40 countries. Adam has an

RPAS 102 certificate.

Tim Firkin

Is a local to Golden Bay- and knowledgeable about the cultural significance of strandings to the local iwi's. He was lined up to work on Sentient for the BBC.

Jacob Bryant

Has filmed with cetaceans for NHNZ Worldwide and Ocean Answers. Is named on Kina Scollay's MMP as well. Jake is very experienced at filming from boats and on the fore shore. He has worked on a lot of underwater shows including shark week shows for Ocean Answers, and Our Big Blue Backyard for NHNZWW.

Has the Applicant or any of the company directors, trustees, partners, or anyone involved with the Application been convicted of any offence? Does the Applicant or any of the company directors, trustees, partners, or anyone involved with the Application have any current criminal charges pending before the court? If yes, please supply details.

No

E. Consultation Undertaken

Some applications require consultation with whānau/hapū/iwi (local Māori), and other interested parties. Please contact the nearest Department of Conservation office to discuss what is required. Written expert views, advice or opinions concerning your proposal may also be attached to support the application. Attach any proof of consultation to the application.

In order to assist consultation please advise of any cultural interpretation or activities that may have an impact on cultural values and measures you will take to mitigate their effects. Some examples are talking to local Māori about correct interpretation of stories in order for you to tell them, or encouraging your clients, passengers, staff to use the toilet facilities prior to departure because expelling body fluids into the water is regarded as culturally insensitive.

The series will be focusing on the response of iwi and local communities to whale strandings and will feature both mātauranga Māori and scientific knowledge – one of the New Zealand broadcasters is Whakaata Māori. Māori input into the filming process and production will be ensured in two ways:

- We will engage a Māori cultural expert with specialist expertise in relation to the deep cultural links between tohorā and Māori in an overall advisory role (they are also likely to have an on-camera role).
- We will engage a dedicated Māori liaison person who will be responsible for consulting with local iwi and hapu to ensure that their involvement is captured, rangatiratanga and kaitiakitanga respected, and customs correctly interpreted. The liaison person will directly contact iwi and hapu in the Kaitaia, East Coast and Golden Bay districts where the drone marine mammal permit is sought.

F. Public Notification

The Marine Mammals Protection Regulations requires all new permit applications and major amendments to current permits to be advertised at the Applicant's expense. Submissions will be open for a period of 20 working days. The Applicant will be given the opportunity to respond to any submissions but there is no requirement for a hearing.

If an application is to renew an existing permit on terms and conditions that, in the opinion of the Department, are substantially the same; to transfer an existing permit to a new holder; or to make a minor amendment to a current permit then notification is not required.

G. Fees

Processing Fees:

Section 60B of the Conservation Act contains the statutory provisions regarding processing fees.

The Department recovers all direct and indirect costs to process a marine mammal permit application from Applicants regardless of whether the application is approved or declined.

Estimated processing costs:

- The cost of processing a **standard renewal** of an existing marine mammal permit is likely to be **\$2065 plus GST**.
- The cost of processing a **standard new application or major amendment to an existing permit** is likely to be **\$2065 plus GST, plus advertising costs**. This fee is likely to be higher if submissions are received through the advertisement process.

The processing fee is likely to be higher if the application is assessed as complex or covers multiple regions. The Department will send an estimate of costs to the Applicant once the application has been assessed.

Applicants are entitled to request an estimate of costs at any point. The Department may impose a charge for preparing such an estimate. Estimates are not binding.

The Department will ordinarily invoice the Applicant for processing fees after a decision has been made on the application but in some cases interim invoices will be issued. If at any stage an application is withdrawn the Department shall invoice the Applicant for the costs incurred by the Department up to that point. Applicants are required to pay the processing fees within 28 days of receiving an invoice. The Director-General is entitled to recover any unpaid fees as a debt.

Please contact your nearest Department of Conservation office to discuss the applicable fee for the application. The Director-General of Conservation has discretion to reduce or waive processing fees.

The Department may obtain further information either from the applicant or from any other relevant source in order to process the application. The applicant will be advised of any information obtained from

other sources. The cost of obtaining such information will be charged to and recovered from the applicant. The applicant will be informed as soon as practicable from receipt of the application if further information is required before this application form can be fully processed by the Department.

Terms and Conditions for an Account with the Department of Conservation:

Have you held an account with the Department before? (Please tick) Yes No

If yes, under what name: Natural History New Zealand / NHNZ Limited

1. I/We agree that the Department of Conservation can provide my details to the Department's Credit Checking Agency to enable it to conduct a full credit check.
2. I/We agree that any change which affects the trading address, legal entity, structure of management or control of the applicant's company (as detailed in this application) will be notified in writing to the Department of Conservation within 7 days of that change becoming effective.
3. I/We agree to notify the Department of Conservation of any disputed charges within 14 days of the date of the invoice.
4. I/We agree to fully pay the Department of Conservation for any invoice received on or before the due date.
5. I/We agree to pay all costs incurred (including interest, legal costs and debt recovery fees) to recover any money owing on this account.
6. I/We agree that the credit account provided by the Department of Conservation may be withdrawn by the Department of Conservation, if any terms and conditions of the credit account are not met.
7. I/We agree that the Department of Conservation can provide my details to the Department's Debt Collection Agency in the event of non-payment of payable fees.

Declaration

I certify that the information provided on this application form and all attached additional forms and information is to the best of my knowledge true and correct.

Note: The Director-General may vary any permit granted if the information given in this application contains inaccuracies.

Signature (Applicant)		Date	27/08/2024
Signature (Witness)		Date	27/08/2024
Witness Name			
Witness Address			

This application is made pursuant to regulations 6, 7, 8 and 9 of the Marine Mammals Protection Regulations 1992.

Applicants should familiarise themselves with the relevant regulations of the Marine Mammals Protection Regulations 1992.

The Department may also recover all reasonable costs under s. 60D of the Conservation Act 1987 that are incurred in administrating and monitoring the operation intended in this application, subject to its approval.

In accordance with Regulation 10(2) of the Marine Mammals Protection Regulations 1992, this application shall form part of any permit issued and shall be complied with accordingly.

This application is subject to further amendment as a result of consideration of submissions received under Regulation 11(5) and comments received under Regulation 11(4).

NOTE: When applying for this permit you should bear in mind that your application will be assessed under regulation 6 of the Marine Mammals Protection Regulations 1992, as set out below. Further information may be sought from you for this assessment if this application is not completed fully as required.

Criteria for issuing permits:

Before issuing a permit, the Director-General shall be satisfied that there is a substantial compliance with the following criteria:

- (a) That the commercial operation should not be contrary to the purposes and provisions of the Act:
- (b) That the commercial operation should not be contrary to the purposes and provisions of the general policy statements approved under section 3B of the Act, conservation management strategies approved under section 3C of the Act, or conservation management plans approved under section 3D of the Act:
- (c) That the commercial operation should not have any significant adverse effect on the behavioural patterns of the marine mammals to which the application refers, having regard to, among other things, the number and effect of existing operations:
- (d) That it should be in the interests of the conservation, management, or protection of the marine mammals that a permit be issued:
- (e) That the proposed operator, and such of the operator's staff who may come into contact with marine mammals, should have sufficient experience with marine mammals:
- (f) That the proposed operator, and such of the operator's staff who may come into contact with marine mammals, should have sufficient knowledge of the local area and of sea and weather conditions:
- (g) That the proposed operator, and such of the operator's staff who may come into contact with marine mammals, should not have convictions for offences involving the mistreatment of animals:
- (h) That the commercial operation should have sufficient educational value to participants or to the public.

The purpose of collecting this information is to enable the Department to process your application. The Department will not use this information for any reason not related to that purpose.

Applicants should be aware that provisions of the Official Information Act might require that some or all information in this application be publicly released.

For Departmental use

Credit check undertaken Y / N

Comments :

Signed **Name**

Approved (Tier 4 Manager or above) **Name**

The Department recommends that you contact the Department of Conservation permissions office listed below to discuss the application prior to completing the application forms. Please provide all information requested in as much detail as possible. The Department will advise you if further information is required before this application can be processed by the Department.

This form is only to be used when the activity you wish to do:

- involves only filming of marine mammals; and
- has the potential to disturb, harass or harm any marine mammal; or
- would contravene any regulation in Part 3 of the Marine Mammals Protection Regulations 1992.

Please complete this application form, attach **Form 8** and any other applicable forms and information and send to permissions@doc.govt.nz.

The Department will process the application and issue a permit if it is satisfied that the application meets all the requirements for granting a permit under the Marine Mammals Protection Regulations 1992 and/or the Marine Mammals Protection Act 1978.

Note: If you intend to film marine mammals as part of a commercial operation for viewing marine mammals (for which you already have a permit) you do not need to apply for a filming permit in addition.

Note: if you intend to take paying passengers with you whilst filming marine mammals you must also complete the applicable forms below:

- If your application also involves marine mammal viewing which is vessel-based please also fill in Form 8a.
- If your application also involves marine mammal viewing which is land-based please also fill in Form 8b.
- If your application also involves marine mammal viewing which is aircraft-based please also fill in Form 8c.
- If your application also involves swimming with marine mammals please also fill in Form 8e.

A. Applicant name (as per Form 8)

NHNZ Worldwide Limited

B. Proposed Filming Operation (please read Appendix 1)

Please tick the relevant boxes to help determine how the application will be assessed:

<input type="checkbox"/>	Vessel to approach closer than 50 metres to a whale
<input type="checkbox"/>	Person in the water to approach closer than 100 metres to a whale
<input type="checkbox"/>	Vessel or person to approach closer than 200 metres to any female baleen or sperm whale that is accompanied by a calf or calves
<input type="checkbox"/>	Person in the water with juvenile dolphins
<input type="checkbox"/>	Approach (on foot, in the water, or in a vessel) closer than 20 metres to seals or sea lions on shore
<input type="checkbox"/>	Use an aircraft at an altitude below 150 metres (500 feet) above sea level, unless taking off or landing
<input type="checkbox"/>	Use an aircraft closer than 150 metres (500 feet) to a marine mammal horizontally from a point directly above a marine mammal
x	Use a drone or RPA* to film marine mammals
<input type="checkbox"/>	Charter a vessel or aircraft, and/or hire a skipper or pilot to take the film crew to view or come into contact with any marine mammal.

*Note: RPA means a Remotely Piloted Aircraft as defined under Civil Aviation legislation.

Purpose, outputs and benefits of the proposed filming

Please note the purpose of the filming activity (advertisement, movie, documentary etc), and describe in detail the proposed filming activity.

Purpose: We would like to film the response to whale and dolphin strandings of personnel from DOC, Project Jonah, local Iwi and community members at whale strandings, and feature the mātauranga Maori and marine science that takes place at the strandings. This is for a six-part series with the working title STRANDED to screen worldwide and in NZ (on Sky NZ channels and Whakaata Māori) in 2025/2026.

Proposed filming activities:

Primarily, we plan to film the rescuers, conservationists and communities at whale strandings, as well as the stranded tohorā / whales themselves including the following species, not limited to

Humpback whales (*Megaptera noaveangliae*), Pilot whales (*Globicephala melaena*)

Long-finned pilot whales, *Globicephala melas*, Blue whales (*Balaenoptera musculus*), Sperm (inc. Pygmy and Dwarf) whales (*Physeter macrocephalus*, *Kogia breviceps*, and *K. simus*)

False killer whales (*Pseudorca crassidens*), Orca (*Orcinus orca*), Southern right whales (*Lissodelphis peronii*)

Common dolphin (*Delphinus delphis*), Bottlenose dolphin (*Tursiops truncatus*) Risso's dolphin (*Grampus griseus*) and any other dolphin or whale species that might be involved in strandings in Aotearoa New Zealand.

Filming would consist of interviewing rescuers, filming the work the rescuers are doing- such as keeping the whales wet, attempting to refloat whales, or acting as a barrier to ensure they don't turn back to shore once refloated. We'd like to be there for both successful and unsuccessful attempts, and we'd work with the local iwis

to film the tikanga Māori and the local traditions surrounding whale strandings in the area. NHNZWW film crews will be small (maximum 7 members including presenter and liaison personnel) and their impact on the environment will be Low Impact, Non-notified Activities in terms of the Guide to Preparing Environmental Impact Assessment. To enable a quick response the initial NHNZWW attendee will often be a local camera person with news media experience. All NHNZWW film crews will be briefed on the conditions of NHNZWW's permits, carry copies of NHNZWW's permits, and wear clothing such as high visibility vests identifying them as part of a NHNZWW film crew.

The filming could take place over multiple trips and will be dependent on the number of strandings in the area during the term. We'd like the opportunity to be flexible with the details so we can film any strandings that occur. Any filming would be done under the supervision of DOC and would be with the blessing of local iwis that have tikanga in the stranding event and the location.

Any filming from vessels will be done within the parameters of the existing marine mammal permit 49995-MAR(ii) permit to film marine mammals using own vessel held by our Producer, Kina Scollay.

The purpose of this application is to apply for a new and supplementary permit to film marine mammals using a remotely piloted aircraft system – this will allow NHNZ to film using drones closer than 150 metres to a marine mammal horizontally from a point directly above a marine mammal.

Proposed term

When do you wish to begin and finish all filming?

September 2024- April 2026

Location information

Base of operation:

Auckland and Dunedin

Proposed area or areas of operation:

We would like to use drones to film the stranded whales and other cetaceans anywhere in the Kaitaia, East Coast and Golden Bay DOC districts that a stranding occurs. In the specific location information below, we have marked on the maps areas where strandings have happened previously, but ideally, we would be flexible in the specific location to allow for filming where ever a stranding occurs.

Specific locations where contact with marine mammals is proposed:

Kaitaia District Including the east coast from Paengarēhia / Twilight beach, Kahokawa Beach to the bottom of Te Oneroa-a-Tōhē /Ninety Mile Beach. Ahipara Bay. Rangaunu Bay/Puwheke beach, Tokerau Beach /Whatuwhiwhi/ Doubtless Bay, and Coopers beach



Ninety Mile Beach, Kaitaia

Between Giant sand dunes -34.54843411 4611716, 172.7560742262609 and Waipapakuri Beach -35.03060255 10541, 173.1648390391399 3

Ahipara, Northland

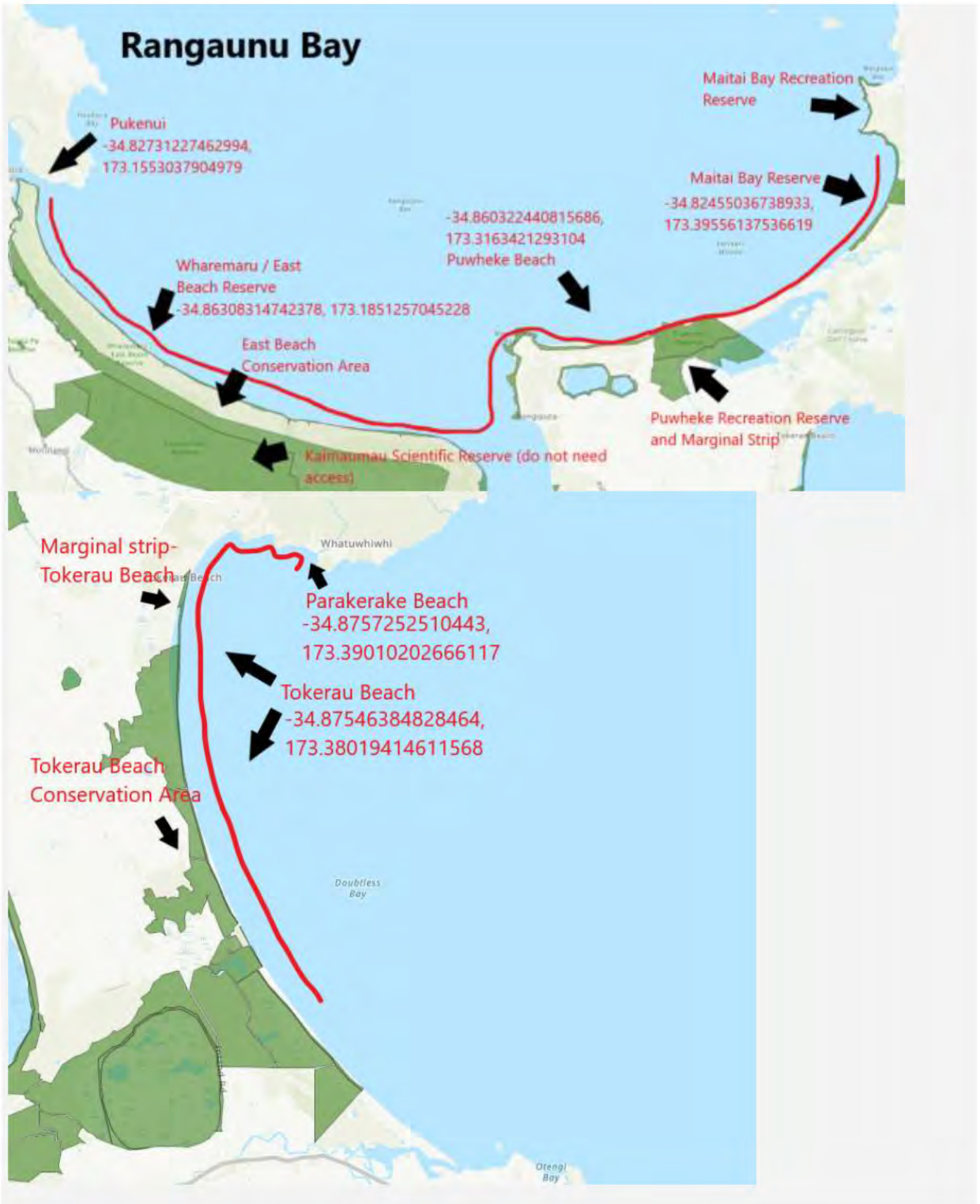
-35.17616975541367, 173.13520697437147

Ahipara Conservation Area

Ahipara Recreation Reserve

Between Tauroa Point & Waipapakuri Beach







East Coast District: Including Hicks Bay, Tokomaru Bay Wharf and Tokomaru Bay, Anaura Bay, Gisborne, Tolaga Bay, Waihou Beach, Whangara, East Cape, Mahanga Beach, Mahia Bay, Mahia Beach, round to Opoutama Beach, Nūhaka, Whakaki Beach and Wairoa River Mouth,

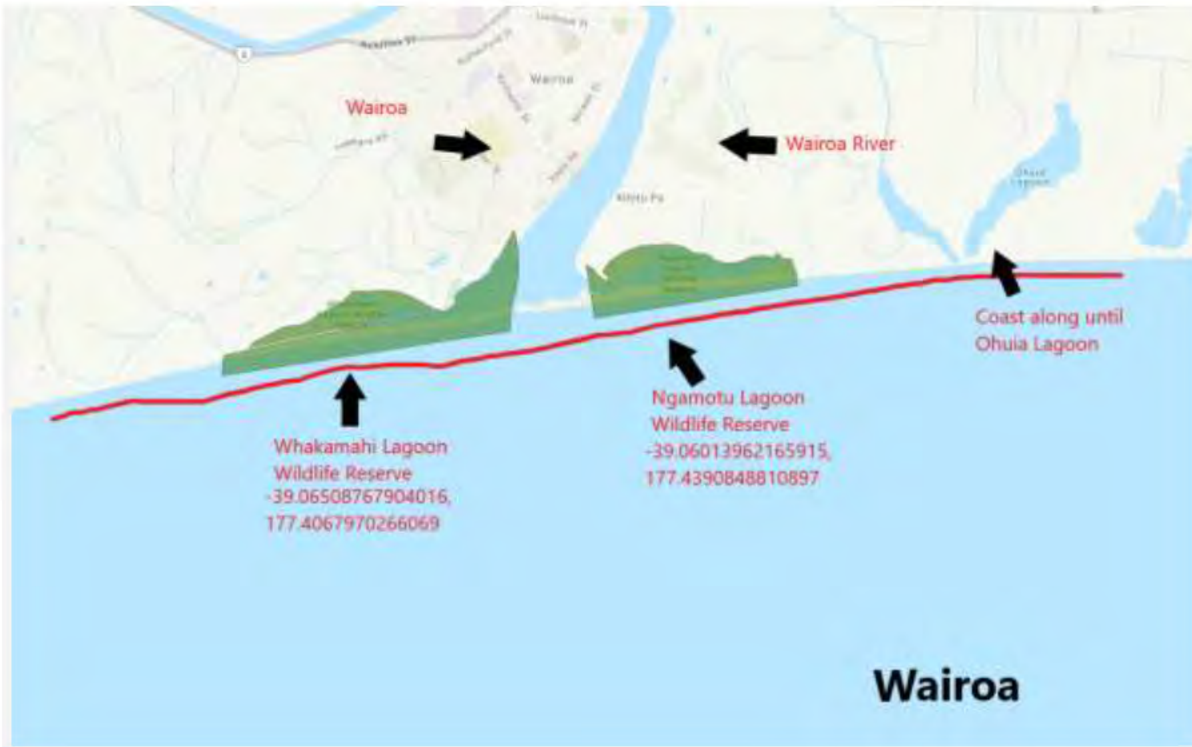








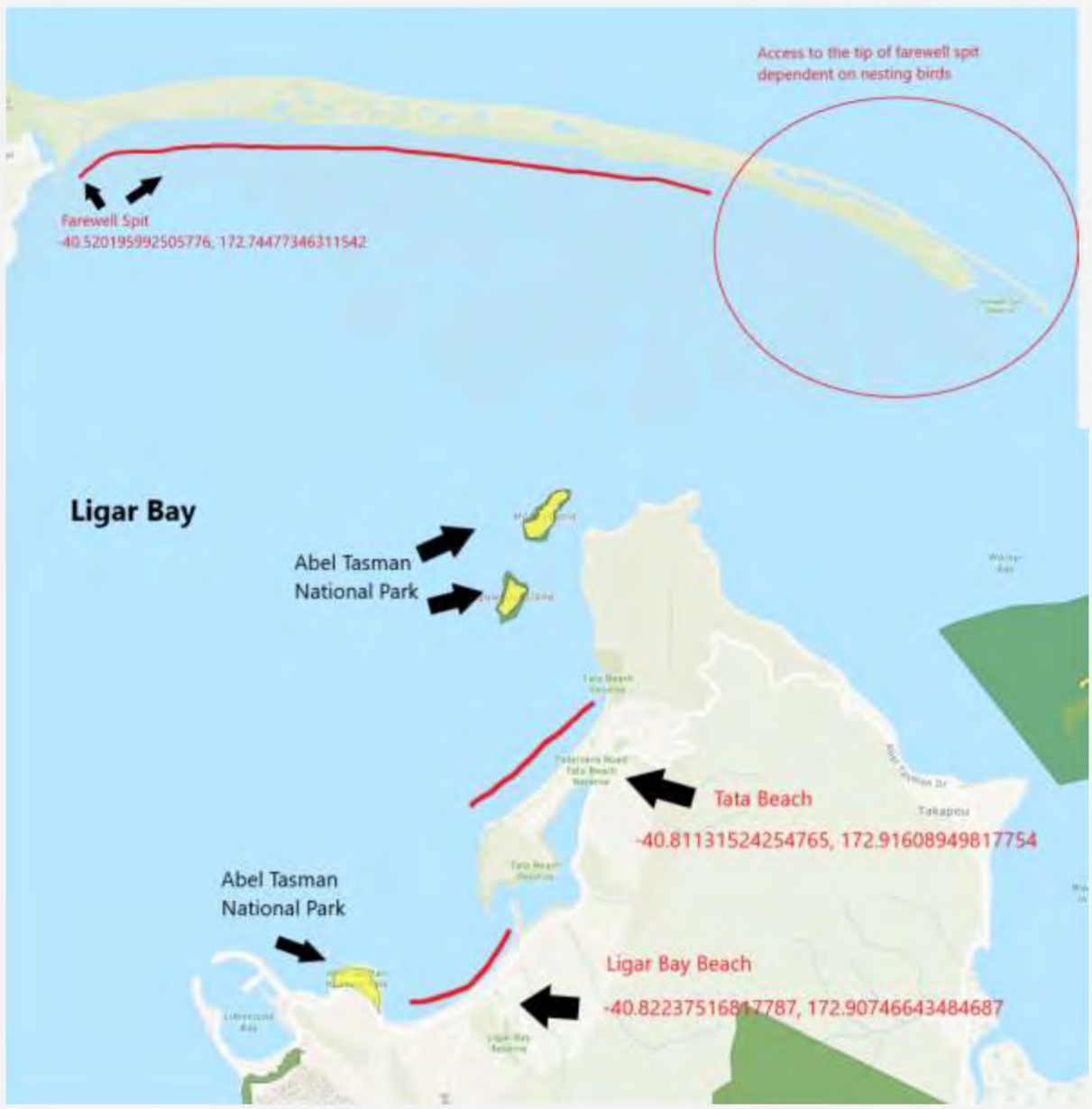






Mohua/ Golden bay: Including, Farewell Spit, Wharariki Beach, Cape Farewell, and Golden Bay round to Pākawau, Collingwood, Patons Rock, Pōhara Beach, Ligar Bay, Whariwharangi Bay, Wharariki Beach, Parapara Inlet, Port Puponga.













Note: please provide a map showing proposed filming areas and specific locations

Species

Marine mammals you propose to encounter and film:

- all species of whales
- all species of dolphins
- all species of seals

Please specify the species you intend to target at each location

Humpback whales (*Megaptera noaveangliae*), Pilot whales (*Globicephala melaena*)

Long-finned pilot whales, *Globicephala melas*, Blue whales (*Balaenoptera musculus*), Sperm (inc. Pygmy and Dwarf) whales (*Physeter macrocephalus*, *Kogia breviceps*, and *K. simus*)

False killer whales (*Pseudorca crassidens*), Orca (*Orcinus orca*), Southern right whales (*Lissodelphis peronii*)

Common dolphin (*Delphinus delphis*), Bottlenose dolphin (*Tursiops truncatus*) Risso's dolphin (*Grampus griseus*) and any other dolphin or whale species that might be involved in strandings in Aotearoa New Zealand.

Filming details

Please provide the following additional information where applicable. Please be thorough and include relevant information for each species of marine mammal. In particular, describe how you intend to mitigate any potential adverse effects on marine mammals.

Please list all species separately

When do you propose to undertake filming at each location?
(please be as specific as possible, including dates and times during the day)

Within the term of the permit due to the unpredictable nature of strandings.

Maximum number of filming days at each location:

For the duration of the stranding (up to 4 days for each stranding event - though there may be exceptional circumstances where we will need to exceed this)

Duration of each daily trip:

N/A

Maximum cumulative time with marine mammals during a day:

Drone filming will be limited to three hours per day. This will consist of several individual drone flights of about 20 minutes each.

**How will you approach, film and depart from marine mammals using a vessel?
Please list all species separately**

Speeds when approaching and viewing marine mammals

N/A

Behaviour of vessel and orientation of approach relative to marine mammals

N/A

Position of vessels relative to marine mammals while viewing

N/A

Distance from vessel to marine mammals

N/A

Distance to the water's edge (for seals or sea lions hauled out on shore)

N/A

Behaviour around calves or pups

N/A

Speed of departure

N/A

Behaviour of vessel and departure route relative to marine mammals

N/A

What other actions you will take to minimise disturbance?

N/A

**How will you undertake underwater filming?
Please list all species separately**

Method (pole-cam, diver etc.)

N/A

Approaching marine mammals (vessel and/or land)

N/A

Distances and filming position relative to each species

N/A

How will you approach and film marine mammals from the shore?

Approach distances for vehicles and people to seals or sea lions

N/A

Filming position relative to seals or sea lions, the shore and the sea

N/A

How film crew will be managed in the vicinity of seals or sea lions

N/A

Particular behaviour around breeding colonies and nurseries

N/A

What other actions you will take to minimise disturbance including from noise and people behaviour

N/A

How will you approach, film and depart from marine mammals using an aircraft?

Please list all species separately

Height above sea level during transit along the coast or across the sea

N/A

Height above sea level while filming marine mammals

N/A

Position and behaviour of aircraft relative to marine mammals - horizontal

N/A

Circling or other aircraft manoeuvres in the vicinity of marine mammals

N/A

What other actions you will take to minimise disturbance

N/A

How will you approach, film and depart from marine mammals using a drone?

Please list all species separately

Filming over water

The drone pilot will launch the drone from a stable surface and will not approach the stranded whales or dolphins until the drone has reached the transit height of 100 metres above sea level.

Filming seals or sea lions on land

N/A

Approach speed

15 kph

Height above sea level during transit along the coast or across the sea

During transit the drone will remain 100 metres above sea level/beach level.

Height above sea level while filming marine mammals

To film the stranded whales or dolphins the drone will reduce in height to a minimum of 20 metres above the stranded animals for the actual filming

Orientation of approach

Where possible the drone will approach from the rear and parallel to the whales or dolphins. In the case of stranded whales or dolphins their orientation will be mixed so this approach may not always be possible.

What other actions you will take to minimise disturbance

The whales or dolphins will not be chased, herded or scattered. Any reaction by the whales or dolphins to the drone will be interpreted as disturbance and the drone will immediately return to transit height.

Only one drone (up to 5kg in weight) will be used at any time.

Film Crew

Please fill in for every person that may come into contact with marine mammals throughout the course of the proposed filming. (Copy and paste details for additional crew)

Full Name: Ben Lawrie

Job Title: Producer / Director

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals?

Yes
 No

If yes please provide details:

Relevant experience with marine mammals: Ben was the series producer/director of a major 3-part BBC1 series 'Galapagos', broadcast in 2017. They filmed in Galapagos for 5 weeks, with sequences involving endangered land and marine animals. He was series producer for Dynamic Planet which included a story of Humpback whales filmed in Fiordland.

Relevant knowledge of the local area and sea conditions: Ben has experience filming around oceans and coastlines, and will complete a safety course with Project Jonah- learning how to help stranded whales safely.

Full Name: Julian (Julz) Braatvedt

Job Title: Camera and Drone pilot

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals?

Yes
 No

If yes please provide details:

Relevant experience with marine mammals: Julian Braatvedt, is very experienced with more than 300 hours of relevant drone filming experience on Mavic and Inspire series drones. He has flown above marine mammals previously and understands animal behaviour well, with his specialism in natural

history. He can identify if/when animal behaviour is affected by drone operations and adjusting or cancelling flight operations accordingly. The welfare and natural behaviour of animals is always his primary concern.

Julian has experience freediving and scuba diving with whales, dolphins and other marine mammals. And is fully certified to fly drones with an RPAS cert and license.

Relevant knowledge of the local area and sea conditions: Julz has over 15 years' experience working on wildlife documentaries here in New Zealand.

Full Name: Alex Hubert

Job Title: Camera

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals? Yes
 No

If yes please provide details:

Relevant experience with marine mammals: Has filmed marine mammals for over ten years, including series 1-3 of Our Big Blue Backyard. Is on other NHNZ MMPs and Kina Scollay/Ocean Answers MMPs since at least 2014.

Relevant knowledge of the local area and sea conditions: Filming experience all over New Zealand- filmed most of the Banks Peninsula, and Golden Bay scenes for Our Big Blue Backyard.

Full Name: Kina Scollay

Job Title: Underwater Camera, Drone pilot, Producer

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals? Yes
 No

If yes please provide details:

Relevant experience with marine mammals: Kina has Over 30 years' experience working around a wide variety of marine mammals as a cameraman, skipper and commercial diver and facilitating marine mammal research.

- - Worked Closely with a number of marine mammal researchers on numerous filming and scientific projects.

- Holds a current marine mammal permit. (In the name of his company Ocean Answers Ltd).

Relevant knowledge of the local area and sea conditions: Provided boat services for DoC and other marine mammal research from 2000 until 2008 on the west coast (South Island). Including but not limited to both major South Westland Marine Mammal Surveys out of Jackson Bay which included working closely around Dolphins and Seals, primarily Hector's Dolphin and Bottlenose Dolphin.

Full Name: Adam Jones

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals?

If yes please provide details:

Relevant experience with marine mammals: Adam has over 20 years' experience working on wildlife documentaries and has over 12 years flying drones around endangered animals. He has filmed underwater and topside camera for organisations such as Animal Planet, Discovery Channel, Terra Mater, Red Bull, BBC, NBC, Universal Pictures, Walt Disney Pictures, and National Geographic. With an emphasis on making quality natural history, educational and people-based programmes, he has filmed in over 40 countries. Adam has an RPAS 102 certificate.

Relevant knowledge of the local area and sea conditions: 20 plus years of filming around New Zealand water and wildlife.

Full Name: Jordie Gibbens

Job Title: Camera

Has this person had any convictions or prosecutions for offences against the Act or any Yes

other Act involving the mistreatment of animals? No

If yes please provide details:

Relevant experience with marine mammals:

Relevant knowledge of the local area and sea conditions: Has experience flying drones from a boat and has 101 and 102 certs and accreditation with the Drone Trust NZ.

Full Name: Tim Firkin Job Title: Camera

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals? Yes No

If yes please provide details:

Relevant experience with marine mammals: Is a local to Golden Bay- and knowledgeable about the cultural significance of strandings to the local iwi's. He was lined up to work on Sentient for the BBC.

Relevant knowledge of the local area and sea conditions: Is a local to Golden Bay and knowledgeable about the coastline and area.

Full Name: Jacob Bryant Job Title: Camera

Has this person had any convictions or prosecutions for offences against the Act or any other Act involving the mistreatment of animals? Yes No

If yes please provide details:

Relevant experience with marine mammals: Has filmed with cetaceans for NHNZ Worldwide and Ocean Answers. Is named on Kina Scollay's MMP as well.

Relevant knowledge of the local area and sea conditions: Jake is very experienced at filming from boats and on the fore shore. He has worked on a lot of underwater shows including shark week shows for Ocean Answers, and Our Big Blue Backyard for NHNZWW.

C. Filming from vessels

Maximum number of vessels operating at any one time:

N/A

Type and number of vessels (Copy and paste details for additional vessels)

Vessel 1 description:

Location(s) of filming:

Vessel name: Make:

Model: Size:

Motive power: Construction and hull design:

Planing hull: Displacement hull:

Maximum speed: Normal cruising speed:

Vessel 2 description:

Location(s) of filming:

Vessel name: Vessel name:

Model: Model:

Motive power: Motive power:

Planing hull: Planing hull:

Maximum speed: Maximum speed:

Location of filming from vessel:

Location of filming from vessel:

Vessel 3 description:

Location(s) of filming:

Vessel name:

Vessel name:

Model:

Model:

Motive power:

Motive power:

Planing hull:

Planing hull:

Maximum speed:

Maximum speed:

Location of filming from vessel:

Location of filming from vessel:

D. Filming from shore

Maximum number of vehicles at any one time within 50 metres of a seal or sea lion on shore:
(not including vehicles parked in an official car park, slipway or public road)

N/A

Type and number of vehicles (Copy and paste details for additional vehicles)

Vehicle 1 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

Vehicle 2 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

Vehicle 3 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

E. Filming from aircraft

Maximum number of aircraft operating at any one time:

N/A

Type and number of aircraft (Copy and paste details for additional aircraft)

Aircraft 1 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

Air service certificate number or other aviation document:

Aircraft 2 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

Air service certificate number or other aviation document:

Aircraft 3 description:

Location(s) of filming:

Registration:

Make:

Model:

Carrying Capacity:

Air service certificate number or other aviation document:

Filming with a drone

Maximum number of drones operating at any one time:

One

Type and number of drones (Copy and paste details for additional drones)**Drone 1 description:**

Location(s) of filming: All locations (main drone)

Model: DJI Mavic 3 Cine Drone

Noise level: 62dBA at 10 metres

Drone 2 description:

Location(s) of filming: All locations (back up drone)

Model: DJI Inspire 2

Noise level: 70dBA at 10 metres

Drone 3 description:

Location(s) of filming: All locations (Potential drone if only local news crew able to film)

Model: DJI Mini 3

Noise level: 48dBA at 10 metres

Drone 4 description:

Location(s) of filming: All locations (Potential drone if only local news crew able to film)

Model: DJI Mavic 2

Noise level: 48dBA at 10 metres

F. Other

Is there any further information you wish to supply in support of your application?

Significance of STRANDED for advocacy and education

STRANDED is a documentary series on how communities around New Zealand respond to whale and dolphin strandings, focusing on personnel from DOC, Project Jonah volunteers, local iwi, and other community members. The narrative of the strandings will be blended with blue chip natural history archive, and newly shot footage, to record the drama of the rescue attempt as well as the story behind the stranded species. The documentary will feature the latest marine science and the Mātauranga Māori surrounding whale strandings.

STRANDED will be broadcast on Sky NZ channels (both pay and free-to-air) and Whakaata Māori to reach a substantial New Zealand audience. It will also be broadcast on the international channels of commissioning broadcaster Love Nature, including Sky channels in the United Kingdom, Germany and Italy, an audience of over 200 million households in more than 120 countries. The series will also be promoted by the New Zealand and international broadcasters through social media and print media thus amplifying the conservation message.

Our documentary seeks to understand why whales strand and will have a significant impact in educating our

New Zealand and international audience about whales and how we should interact with them. The marine science included in the documentary will be presented by local experts from sources such as the Marine Mammal Ecology Group at the University of Auckland, the Natural Sciences Team at Auckland War Memorial Museum and experts to the Museum of New Zealand Te Papa Tongawera, as well as DOC's own experts like Mike Ogle and Hannah Hendriks. We featured Māori whalerider Ramari Stewart in a story on Humpback whales in Fiordland in our recent production DYNAMIC PLANET, and we plan to feature other kaitiaki from local iwi to explain the Mātauranga Māori about whales and the role of whales in Māori culture.

Raising public awareness of the whales living around the New Zealand coast, whale strandings and how communities can respond to strandings to maximise the whales' prospects of survival is important conservation advocacy. New Zealand is the whale stranding capital of the world but strandings often take place in remote locations and there is relatively little public awareness of the issue. We will be partnering with Project Jonah and they see the value of the series in raising the profile of whale strandings and the role played by volunteers from their organisation. There is also an opportunity to raise the profile of DOC's operational staff and the key role they play in protecting whales and dolphins and responding to stranding events.

NHNZ Worldwide is uniquely placed to tell this story in a way that emphasises the educational value for the public and advocates the protection of whales and dolphins. The company started as the natural history unit of Television New Zealand and has over 40 years' experience in producing natural history and factual documentaries filmed in New Zealand and overseas. We have a longstanding relationship with DOC documented in MOUs dating back to 2009 and have worked with DOC on recent documentaries filmed in New Zealand coastal waters and on public conservation land such as Our Big Blue Backyard 3 and Dynamic Planet. We have a unique premium archive library of footage on New Zealand natural history which we make available to DOC free of charge for use in DOC's social media and other publicity operations. So, the raw footage from the series that we provide DOC will be used for educational purposes.

Our internal culture is strongly aligned with DOC's purpose of ensuring thriving ecosystems and species across Aotearoa New Zealand. We want our programmes to connect people with nature and our cultural heritage and encourage New Zealanders to care for and take action to preserve our special places and species.